

No. 768,579.

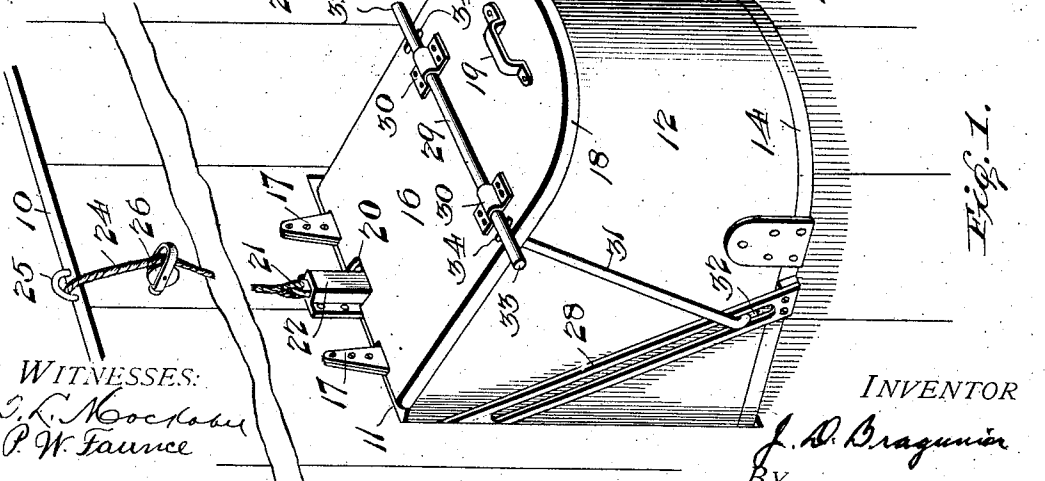
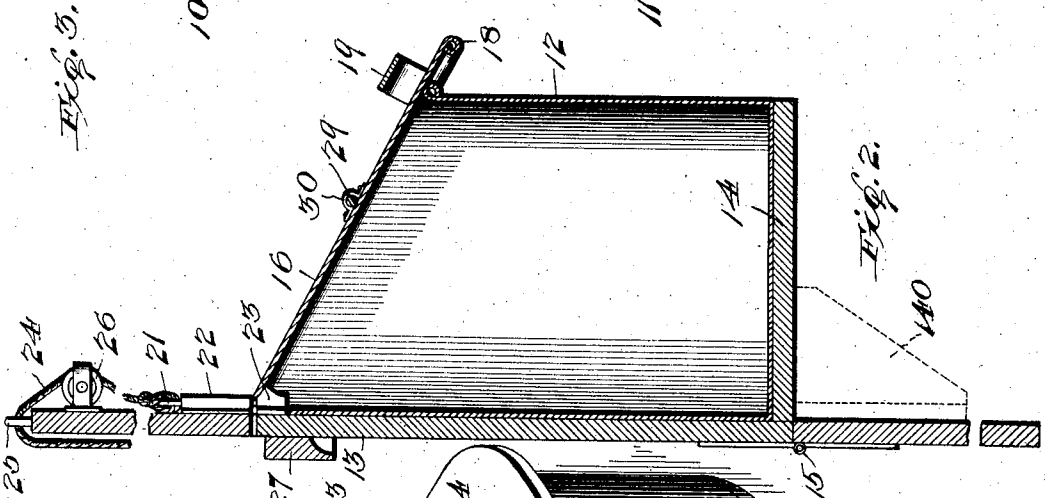
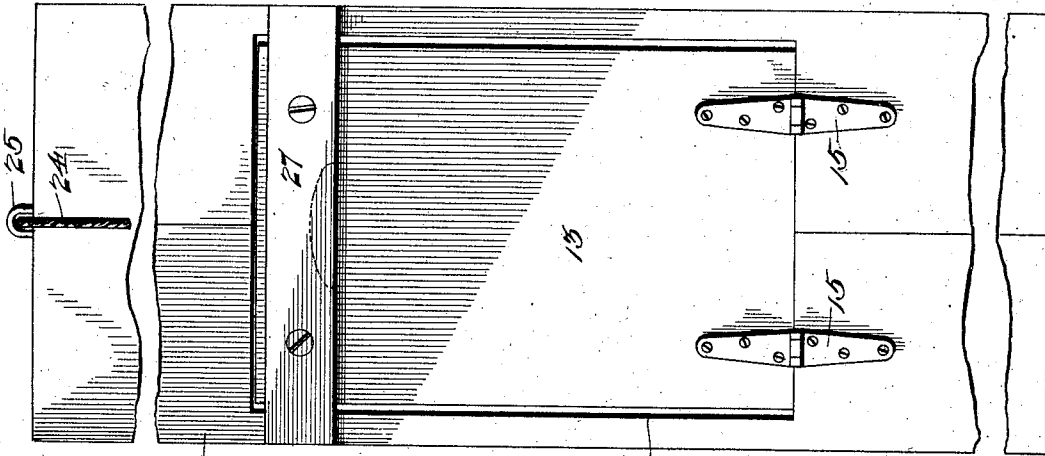
PATENTED AUG. 30, 1904.

J. D. BRAGUNIER.
TILTING GARBAGE RECEPTACLE.

APPLICATION FILED MAY 4, 1904.

NO MODEL.

2 SHEETS—SHEET 1.



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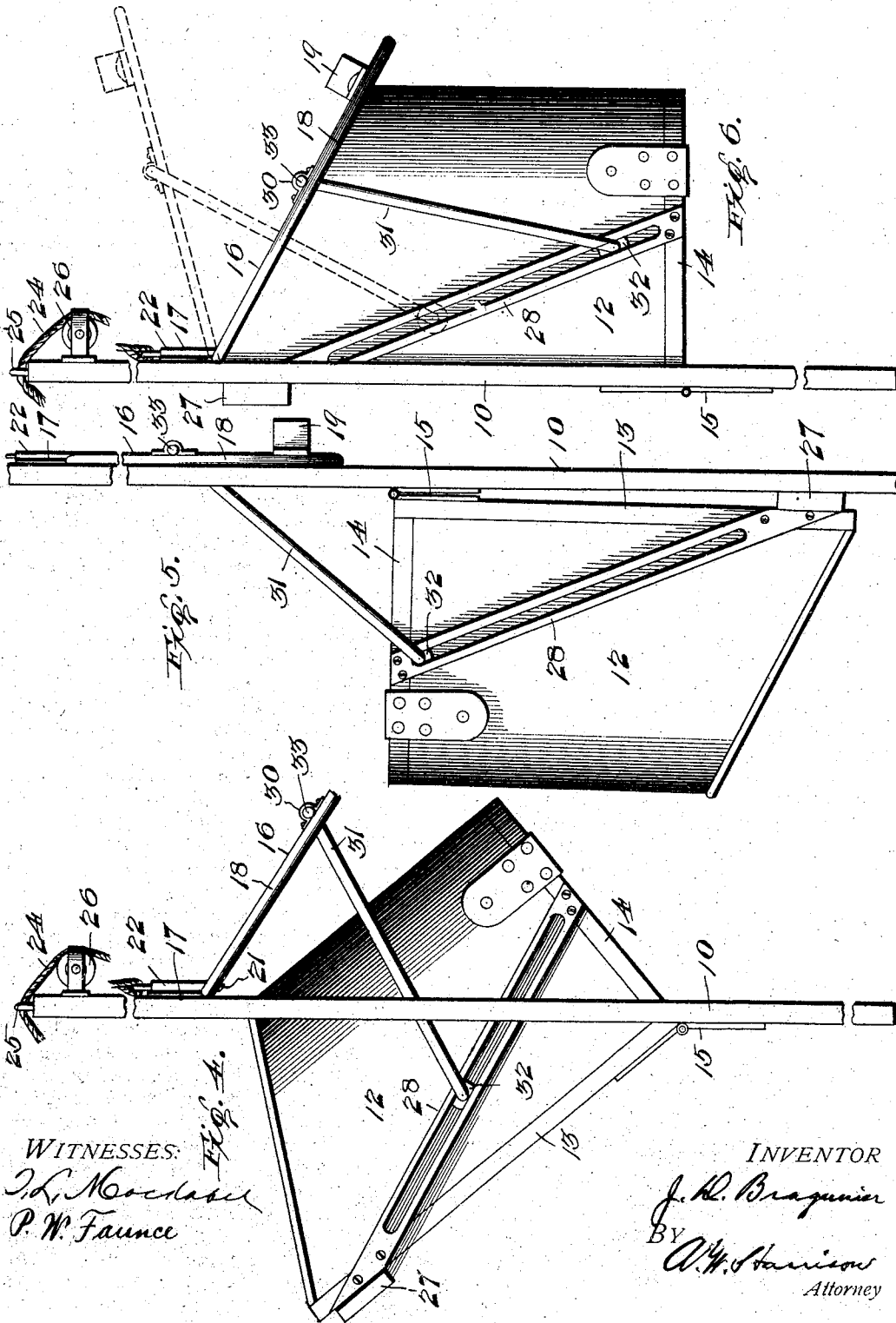
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WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN D. BRAGUNIER, OF WASHINGTON, DISTRICT OF COLUMBIA.

TILTING GARBAGE-RECEPTACLE.

SPECIFICATION forming part of Letters Patent No. 768,579, dated August 30, 1904.

Application filed May 4, 1904. Serial No. 206,320. (No model.)

To all whom it may concern:

Be it known that I, JOHN D. BRAGUNIER, a citizen of the United States, residing at Washington, in the District of Columbia, have invented new and useful Improvements in Tilting Garbage-Receptacles, of which the following is a specification.

This invention relates to garbage-receptacles, and has particular reference to that type of such devices which are attached to and supported by a fence, the fence having an opening through which the collector of garbage may remove the contents of the can.

One object of the invention is to provide a device of this character having means whereby a door for the opening in the fence will be normally closed and locked, the means for unlocking the door being accessible only at the top of the fence, so as to prevent the receptacle from being tampered with by mischievous individuals.

Another object is to provide means whereby the opening in the fence will be closed to prevent a person from crawling through it when the garbage-receptacle is tilted outward.

Another object is to provide an apparatus of this character which will be simple and economical in construction and having a receptacle which may be readily opened, so as to permit the depositing of garbage therein, the construction being such as to permit the receptacle to be turned outward to a completely-inverted position to secure automatic discharge of the contents into the collector's pail.

To these ends the invention consists in the construction and combination of parts, substantially as hereinafter described and claimed.

Of the accompanying drawings, Figure 1 represents a perspective view of an apparatus embodying my invention, the same being shown as attached to a portion of a fence and the view being from the inside of said fence. Fig. 2 represents a vertical section through the receptacle and fence with the lid of the receptacle closed and the receptacle being inside the fence. Fig. 3 is an elevation from the outside of the fence. Fig. 4 represents a side elevation with the receptacle par-

tially tilted. Fig. 5 is a similar view representing the parts in the position which they occupy when the receptacle is tilted fully outward in order to discharge the contents thereof into the collector's receptacle. Fig. 6 is a similar view representing in full lines the parts in their normal positions, the dotted lines representing the lid or cover as partly raised.

Similar reference characters represent the same or similar parts throughout the several views.

The fence 10, which will usually be that which separates a back yard from an alley, is formed with an opening 11, said opening being of a size to permit the tilting through it of the receptacle 12. Said receptacle is preferably of sheet metal and is attached to and reinforced by a back board 13 and a base or bottom board 14. The backing 13 forms the gate or closure for the fence-opening 11 when the parts are in their normal positions. Hinges 15 connect the lower portion of the gate or back board 13 with the fence below the opening, said hinges being so connected as to permit the swinging or tilting of the receptacle from the normal position (shown in Figs. 1, 2, 3, and 6) to the complete inverted position, (shown in Fig. 5,) in which latter position there will be little liability of any of the contents of the receptacle failing to be automatically discharged.

A lid or cover 16, having a beaded edge 18 and a handle 19, is connected by hinges 17 to the inside of the fence above the opening therein. A latch 21, the casing 22 of which is shown as secured to the fence above the opening, extends through a notch 20, formed in the edge of the lid. A keeper 23 (see Fig. 2) is secured to the inside upper edge of the rear wall of the receptacle, said keeper being adapted to receive the lower end of the latch to lock the receptacle in normal position. The latch may be a spring-latch or a gravity-latch, preferably the former. A cord 24 or a chain extends from the upper end of the latch over the top of the fence to a position where it may be reached by the garbage-collector. In practice this flexible connection will not be long enough to be reached by mischievous boys.

A guide or eye 25 for the flexible connection and also an idler-pulley 26 may be provided. This flexible connection may have its free end normally inside the fence, said free end being tossed over the fence, so that it will become a signal to the collector that the receptacle is ready for him to collect therefrom. A suitable handle is secured to the outer upper portion of the back board or gate 13 to enable the collector to tilt the receptacle after releasing the latch or lock. This handle preferably comprises a strip 27, suitably cut away to form a hand or finger hold and having its ends projecting (see Fig. 3) to overlap the portions of the fence each side of the opening, the said projecting ends forming stops to limit the inward movement of the receptacle to its normal position. Stays 28 extend diagonally or in an inclined direction from the side edges of the back board 13, near the upper portions thereof, to the side edges of the base-board 14 and serve to support the latter. Said stays are slotted for a purpose presently described. I may provide additional supports or limiting means, such as a bracket or brackets 140, (indicated by dotted lines in Fig. 2,) said brackets being connected with the inside of the fence and having horizontal upper edges to support the base or bottom board 14.

I shall now describe the means whereby the opening in the fence will be automatically closed when the receptacle is tilted outward, so as to prevent a person from crawling through said opening. A cross-bar 29 is mounted in bearings 30, attached to the top of the lid 16. Near each end of the bar 29 is soldered, brazed, or otherwise secured the upper end of a link-rod 31, having its lower end bent and extending through the slot of a stay 28 and having a head 32 on the end inside of said stay. This will always insure the retention of the sliding connection of the lower ends of the link-rods with said stays. The said link-rods extend through slots 34 in the lid, thus preventing endwise movement of the bar 29. The slotted stays 28 are secured at their ends to the side edges of the boards 13 and 14 by suitable means, such as by screws, as indicated in Figs. 1, 4, and 5, and therefore form guides for the inwardly-bent ends of the links 31, which guides always occupy a fixed position relatively to the receptacle and cannot get out of position for proper coaction with the links during the movements hereinafter described. The ends 33 of the bar 29 project beyond the edges of the lid and form stops to prevent the lid from being forced through the opening in the fence when the parts are in the position shown in Fig. 5. This is because, as will be readily understood from Fig. 1, the rod 29 is of a length so that its projecting ends 33 will contact with the fence each side of the opening when the parts are in the position shown in Fig. 5.

It will be now understood that when a per-

son inside the fence wishes to deposit any-
 thing inside the receptacle the lid may be
 raised, as indicated by dotted lines in Fig. 6,
 or even to a higher position, the lower ends
 of the links 31 sliding along the slots of the
 stays 28. The lid will then readily close again.
 When the collector finds the end of the flexi-
 ble connection 24 on the outside of the fence
 and pulls it, the receptacle will then be un-
 locked, and he may then pull it outward, as
 shown in Fig. 4, and finally over to the posi-
 tion shown in Fig. 5. During this movement
 the lid will be first slightly elevated by the
 sliding of the upper edge of the inner wall of
 the receptacle against the under side of the
 lid—that is, this movement of the lid occurs
 when the parts are proportioned as illustrated.
 The lid offers no obstruction, however, to this
 movement, because the links slide along the
 stays slightly. During the final outward-tilt-
 ing movement of the receptacle the ends of
 the links move to the ends of the slots in the
 stays nearest the base-board 14 and are drawn
 thereby so as to hold the lid 16 in the position
 shown in Fig. 5, thus effectually barring the
 passage of a person through the fence-open-
 ing. Upon the return movement the ends of
 the link-rods slide as far as required along
 the slots of the stays, and the receptacle will
 swing the cover up and inward and then per-
 mit it to fall to place, as shown by full lines
 in Fig. 6, the latch automatically reengaging
 the keeper 23.

I claim—

1. The combination with a receptacle hav-
 ing inclined fixed slotted stays at its sides, of
 a lid having a cross-bar provided with link-
 rods connecting it with said slotted stays.

2. The combination with a receptacle hav-
 ing inclined fixed slotted stays at its sides, of
 a lid having a cross-bar provided with link-
 rods connecting it with said slotted stays, the
 ends of the cross-bar projecting beyond the
 edges of the cover, the cover having slots
 through which the link-rods pass.

3. The combination with a fence having an
 opening, of a receptacle hinged to the lower
 edge of the opening and mounted to swing
 through said opening, a latch for securing the
 receptacle in normal position, and a flexible
 connection leading from the latch over the
 fence.

4. The combination with a fence having an
 opening, of a receptacle hinged to the lower
 edge of the opening and mounted to swing
 from an upright position within the fence to
 an inverted position outside the fence, a lid
 hinged to the upper edge of the opening in
 the fence, connections between said lid and
 the receptacle for holding said lid across the
 opening in the fence when the receptacle is
 inverted, a latch having its casing secured to
 the fence above the opening, the hinged edge
 of the lid being formed with a notch to per-

mit the lid to swing under the latch, a keeper for the latch carried by the receptacle, and means for operating the latch.

5 5. The combination with a receptacle having inclined fixed slotted stays at its sides, of a lid having a cross-bar pivotally mounted on the upper side thereof, the ends of said cross-bar projecting beyond the lid, whereby they may form stops when the lid is hinged to the
10 fence adjacent to an opening in said fence, and link-rods extending from said cross-bar and having their ends extending through the slots of the stays.

15 6. The combination with a fence having an opening, of a receptacle hinged to the lower edge of said opening and arranged to swing from an upright position within the fence to an inverted position outside the fence, a lid

hinged to the upper edge of the opening in the fence, said lid having slots within its edges, 20 a cross-bar pivotally mounted on the lid and having its ends projecting beyond the edges of the lid to form stops to prevent the lid from being forced through the opening in the fence, stays at the side of the receptacle, and link- 25 rods extending from said cross-bar and passing through the slots of the lid and having their ends slidingly engaged with said stays.

In testimony whereof I have signed my name to this specification in the presence of two sub- 30 scribing witnesses.

JOHN D. BRAGUNIER.

Witnesses:

H. JOSEPH DOYLE,

J. FRED. KELLEY.