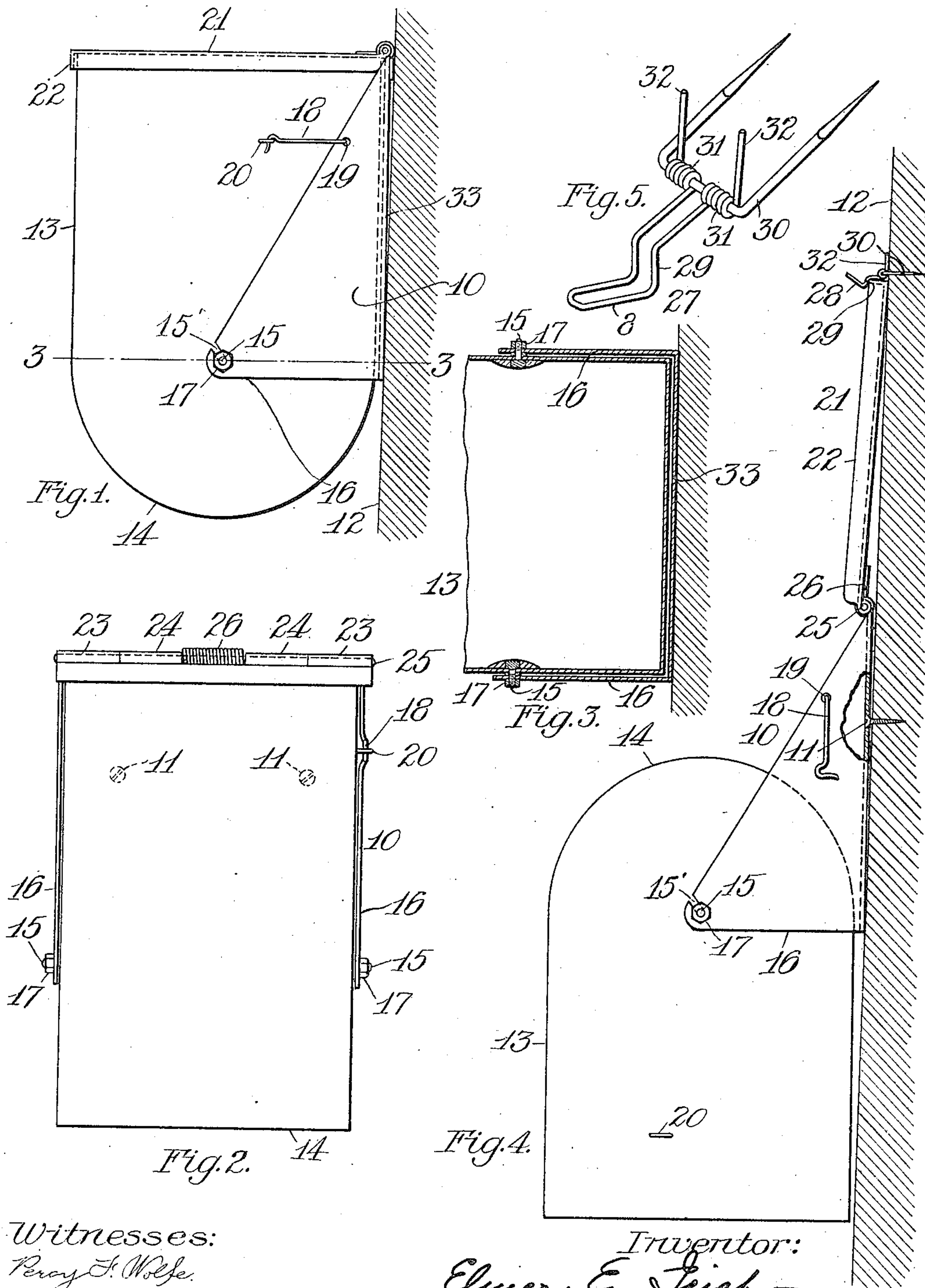


No. 875,270.

PATENTED DEC. 31, 1907.

E. E. IRISH.
REFUSE RECEPTACLE.
APPLICATION FILED MAY 12, 1906.



Witnesses:

Peray F. Wolfe.

Franklin E. Low.

Inventor:

Elmer E. Irish

by his attorney, Charles S. Gooding.

UNITED STATES PATENT OFFICE.

ELMER E. IRISH, OF WINTHROP, MASSACHUSETTS.

REFUSE-RECEPTACLE.

No. 875,270.

Specification of Letters Patent.

Patented Dec. 31, 1907.

Application filed May 12, 1906. Serial No. 316,528.

To all whom it may concern:

Be it known that I, ELMER E. IRISH, a citizen of the United States, residing at Winthrop, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Refuse-Receivers, of which the following is a specification.

This invention relates to a receiver particularly adapted to receive refuse, garbage, and the like although the same may be used for various purposes, and the object is to produce a device of the character described, which shall be easy to fill, empty, and cleanse, and which shall be thoroughly practical and sanitary.

The invention consists in the combination and arrangement of parts set forth in the following specification and particularly pointed out in the claims thereof.

Referring to the drawings: Figure 1 is a side elevation of my improved refuse receiver the same being shown secured to a support, said support being shown in section. Fig. 2 is a front elevation of the same. Fig. 3 is a plan section taken on line 3—3 of Fig. 1. Fig. 4 is a side elevation of the same in which the cover is raised and the receptacle is inverted. Fig. 5 is a perspective view of a latch adapted to hold the cover in its raised position.

Like numerals refer to like parts throughout the several views of the drawings.

In the drawings, 10 is a bracket preferably formed of galvanized sheet iron or steel, said bracket being U-shaped in horizontal section as shown in Fig. 3. The bracket 10 is adapted to be secured by screws 11 to a vertical support 12, which may be a wall, fence, a side of a building, or any other suitable support. A receptacle 13 preferably formed of galvanized iron and having a semi-cylindrical bottom 14 is pivoted to the bracket 10 by means of two bolts 15, 15 whose heads are soldered to said receptacle 13. The axis of the receptacle 13 is preferably located below the center of gravity of said receptacle in order that it may be inverted with ease.

In assembling the receptacle 13 and the bracket 10, the bolts 15 are introduced into slots 15' formed in the legs 16 of said bracket. The nuts 17 being fastened to the bolts outside the legs 16 form a species of flange, the function of said nuts being to strengthen the legs 16 and prevent their spreading laterally away from each other or from the adjacent sides of the receptacle 13. Any species of

flange which may be suitable may be used upon the outer end of said bolts instead of a nut without departing from the spirit of my invention. A hook 18 pivoted at 19 to the bracket 10 is adapted to engage an eye 20 fast to the receptacle 13, whereby said receptacle is held in position to receive and hold refuse. A cover 21 provided with a flange 22 extending around three sides thereof is provided with ears 23, 23 by means of which said cover is pivoted to ears 24, 24 formed on the bracket 10, a pivotal pin 25 passing through all of said ears.

A helical torsion spring 26 surrounding a portion of the pivotal pin 25 is adapted to hold the cover 21 normally closed as shown in Figs. 1 and 2. A latch 27 preferably formed of wire is provided with an incline 28 and a locking shoulder 29. The latch 27 is pivotally mounted on a staple 30 which may be driven into the support 12. The wire forming the latch 27 is bent around the staple 30 forming two helical torsion springs 31, the free ends 32 of which bear against the support 12. The staple 30 may have other forms, if desired, in case it should be desired to fasten said staple to the support 12 by means of screws.

The bracket 10 is preferably secured to the support 12 at a considerable distance from the ground for two reasons, first, in order that cats, dogs, rats, or fowl cannot reach the contents of the receptacle 13, and second, in order that when it is desired to empty said receptacle a pail or other suitable receptacle may be placed beneath the receptacle 13 and said receptacle 13 may be rocked upon its pivots 15 to the position shown in Fig. 4, thereby discharging its contents into said pail. In order that the contents of the receptacle 13 may be discharged, it is first necessary to raise the cover 21 to the position shown in Fig. 4, the edge of said cover riding up the incline 28 of the latch 27, said latch yielding upwardly and the flange 22 on said cover being locked behind the locking shoulder 29. When the contents of the receptacle 13 have been emptied, said receptacle may be returned to its normal position and retained in said position by the hook 18. Upward pressure on the latch 27 releases it from the cover 21, said cover returning to the position shown in Figs. 1 and 2, and closely fitting the upper edge of said receptacle. The bottom 14 of the receptacle 13 being semi-cylindrical in form, there are

no corners to retain any of the refuse or garbage when said receptacle is inverted to discharge its contents, in consequence of which said receptacle when emptied may be made
5 thoroughly clean.

The base 33 of the bracket 10 is preferably substantially equal in area to the side of the receptacle 13 which is adjacent to said base. As a result, said base of said bracket prevents
10 that portion of the support 12 which it covers from being stained or smeared with refuse. The receptacle 13 may be bodily removed from the bracket, if so desired, by lifting said receptacle upwardly until the bolts 15¹ pass
15 out of the slots 15'.

The flange 22 and the cover 21 closely fitting the sides of the receptacle 13 prevents any odors from finding their way out of said receptacle.

20 The refuse receiver hereinbefore described being formed entirely of metal absorbs none of the moisture of the contents of the receptacle 13 and having no corners or crevices to retain the dirt, may be thoroughly cleansed.

25 Having thus described my invention what I claim and desire by Letters Patent to secure is:

1. A refuse receiver comprising in its con-

struction a U-shaped stationary bracket adapted to be secured to a wall, a receptacle 30 having a semi-cylindrical bottom located between the legs of said bracket and pivoted thereto with its axis substantially horizontal, whereby said receptacle may be inverted to discharge its contents, said axis located be- 35 low the center of gravity of said receptacle, a cover for said receptacle, said cover pivoted to said bracket, and means to hold said receptacle in position to receive and hold refuse.

2. In combination, a refuse receiver comprising in its construction a stationary bracket adapted to be secured to a wall, a receptacle pivoted thereto with its axis substantially horizontal, whereby said receptacle may be inverted to discharge its contents, a 45 cover for said receptacle, said cover pivoted to said bracket; and a latch adapted to be secured to said wall, said latch adapted to hold said cover in its raised position.

In testimony whereof I have hereunto set 50 my hand in presence of two subscribing witnesses.

ELMER E. IRISH.

Witnesses:

CHARLES S. GOODING,
ANNIE J. DAILEY.