

July 19, 1932.

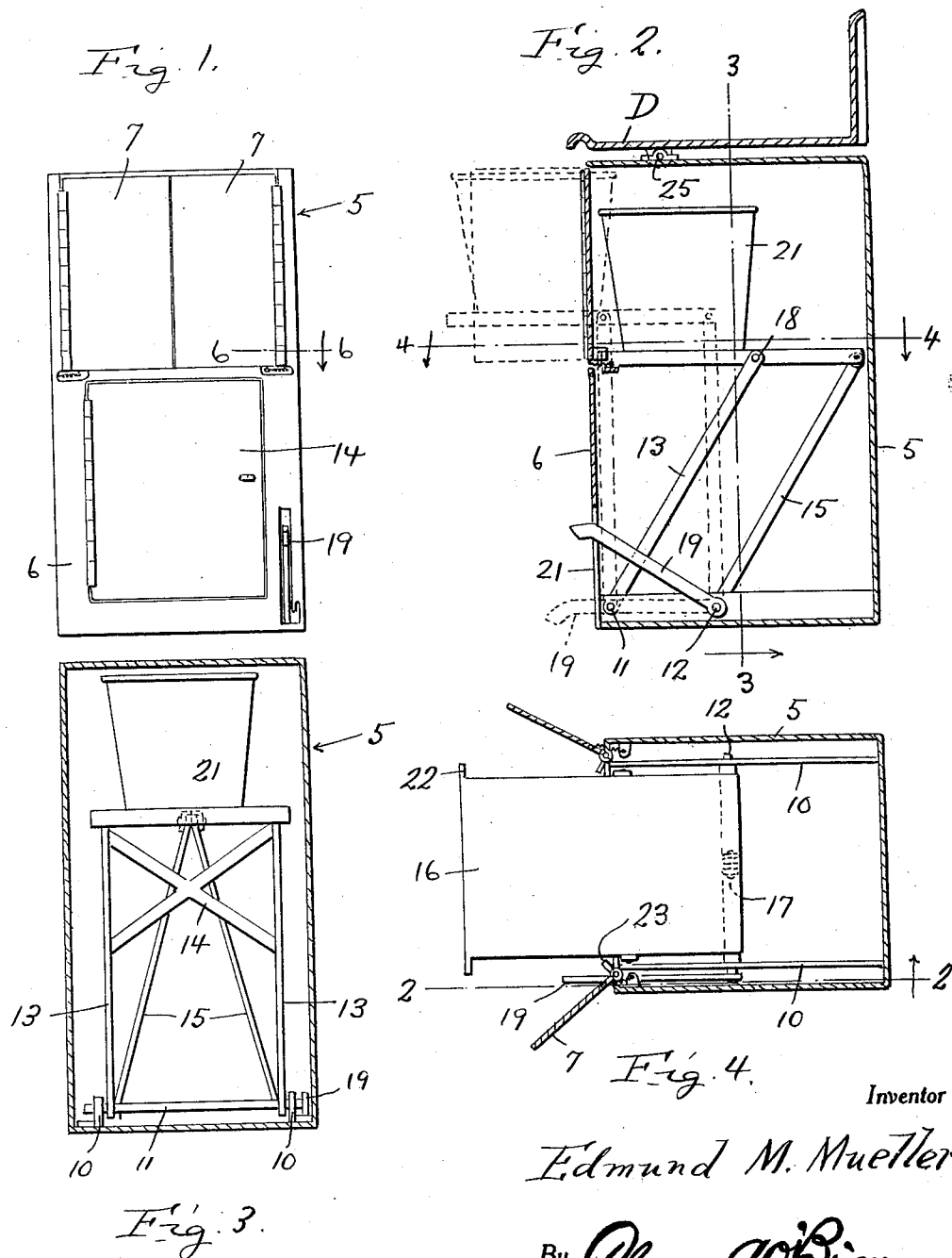
E. M. MUELLER

1,867,676

REFUSE CONTAINER

Filed May 5, 1931

2 Sheets-Sheet 1



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Fig. 5.

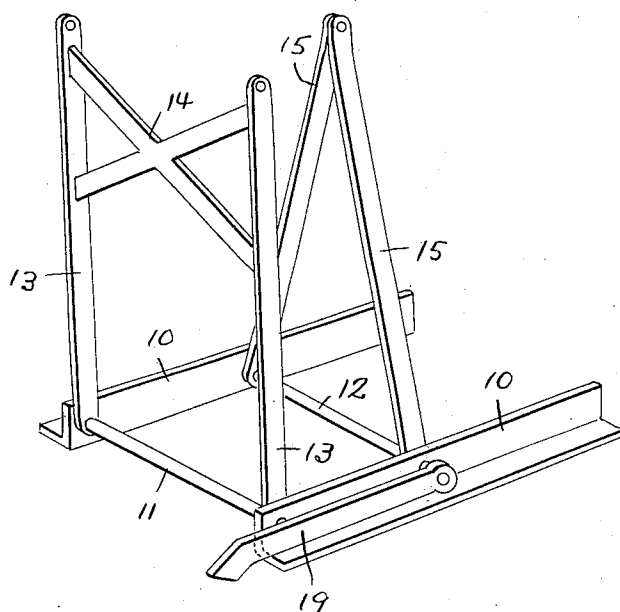
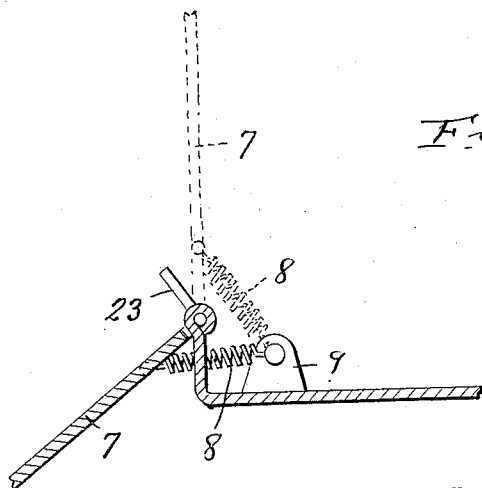


Fig. 6.



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UNITED STATES PATENT OFFICE

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REFUSE CONTAINER

Application filed May 5, 1931. Serial No. 535,213.

This invention relates to an apparatus for dispensing with refuse, and the primary object of this invention is to provide a cabinet having arranged therein a pail or container for receiving the refuse together with means operable to project the pail from the cabinet, and to return the same to the cabinet.

The object of the invention is to provide an apparatus of the above mentioned character which will be found especially useful for doctors' offices, kitchen use, and the like.

Other objects and advantages of the invention, and the nature of the invention will be best understood from a study of the following description, taken in connection with the accompanying drawings wherein:

Figure 1 is a front elevational view of the device embodying the features of the present invention.

Figure 2 is a vertical sectional view thereof showing in broken lines the projected position of the refuse container.

Figure 3 is a vertical sectional view taken substantially on the line 3—3 of Figure 2.

Figure 4 is a horizontal sectional view taken substantially on the line 4—4 of Figure 2.

Figure 5 is a perspective view of the projecting and retracting device.

Figure 6 is a fragmentary detail sectional view taken substantially on the line 6—6 of Figure 1.

With reference more in detail to the drawings, it will be seen that 5 designates a cabinet of suitable size and shape and having a front wall 6 provided in its upper portion with an opening normally closed by suitable hinge doors 7. The doors 7 are normally retained in closed position through the medium of springs 8 anchored at one end to the lower edges of the doors, and at their inner ends to ears 9 provided on opposite side walls of the cabinet. Springs 8 operate through suitable slots provided therefor in the front wall 6 of the cabinet.

Supported in the bottom of the cabinet 5 is a pair of spaced parallel bars 10 on which are rockably mounted a pair of spaced parallel transverse shafts 11 and 12. A pair of spaced parallel bars 13 are secured at one

end to the forward shaft 11 for rocking movement therewith. Bars 13 are braced with respect to one another and are connected together by a cross brace member 14. A pair of bars 15 are secured at one end in spaced relation to the rear shaft 12 and these bars 15 at their free ends converge toward one another and are pivotally connected to the rear end of a platform 16 as at 17.

The bars 13 at their upper free ends are pivotally connected to the side edges of the platform 16 adjacent the rear end of the platform as at 18.

The rod or shaft 12 at one end is provided with a treadle arm 19, the free end of which extends through a vertical slot 20 provided in the front wall 6 of the cabinet.

The platform 6 is adapted to support thereon a suitable pail or receptacle 21 for containing refuse or the like.

In actual practice, the platform 16 is normally disposed in a horizontal retracted position within the cabinet 5 and has disposed thereon the receptacle or pail 21. The doors 7 are normally closed and when it is desired to project the pail 21 from the cabinet, the same is accomplished by placing the foot on the free end of the treadle arm 19 and pressing downwardly thus rocking the shaft 12 for swinging the bars 13, 15 and platform 16 to the dotted line position shown in Figure 2. As is apparent, as the parts just referred to move to their dotted line position from the full line position shown in Figure 2, the forward edge of the platform 16 will engage the doors 7 swinging the same to an open position thus permitting the platform to project through the opening in the front wall 6 of the casing for positioning the receptacle 21 entirely or almost entirely outwardly or exteriorly of the casing 5 for receiving refuse.

When the foot is removed from the depressed treadle arm 19, the parts because of their weight and by gravity will return to their normal positions, so that the platform 16 moves to a retracted position into the cabinet 5 thus removing the pail 21 from view.

At its forward end the platform 6 is provided with oppositely extending projections

22 engageable with projections or fingers 33
provided for the doors 7 when the platform
16 is moved to a retracted position to thereby
cause the doors 7 to swing to a closed posi-
5 tion.

Access may be had to the interior of the
cabinet, adjacent the bottom of the cabinet,
through a suitable opening provided in the
lower portion of the wall 6, and normally
10 closed by a suitable hinged door 24.

As is apparent, the cabinet 5 may be lo-
cated in any out of the way position, as for
example the cabinet 5 may be suspended from
the drain board D of a sink, by any suitable
15 means 25. It is further apparent that the
pail 21 may be used as a garbage pail, or may
be used in doctors' or dentists' offices for re-
ceiving waste cotton, and the like.

Even though I have herein shown and de-
scribed the preferred embodiment of the in-
vention, it is to be understood that the same
is susceptible of changes, modifications and
improvements coming within the scope of
the appended claims.

25 Having thus described my invention, what
I claim as new is:

1. In a device of the character described,
in combination, a cabinet having a wall pro-
vided with an opening and a slot, a platform
30 adapted to be received in said cabinet, means
within said cabinet swingably supporting
said platform for projecting and retracting it
through said opening, said means including
a rockably mounted shaft, bars connected
35 with the shaft for movement therewith and
being also pivotally connected with the plat-
form, and a treadle arm operatively con-
nected with said shaft and extending through
said slot.

2. In a device of the character described,
a cabinet including a wall having an open-
ing, hinged doors normally closing the open-
ing, spring means normally urging the doors
to a closed position, a member mounted in
45 the cabinet and adapted to be projected and
retracted through said opening, means with-
in said cabinet swingably supporting said
member, oppositely extending projections on
said member, and pins on said doors in the
50 paths of said projections and engageable
thereby upon retraction of the member for
swinging said doors to a closed position.

In testimony whereof I affix my signature.
EDMUND M. MUELLER.