

S. MEYROWITZ.
REFUSE RECEPTACLE.
APPLICATION FILED JULY 13, 1911.

1,040,565.

Patented Oct. 8, 1912.

2 SHEETS-SHEET 1.

Fig 1.

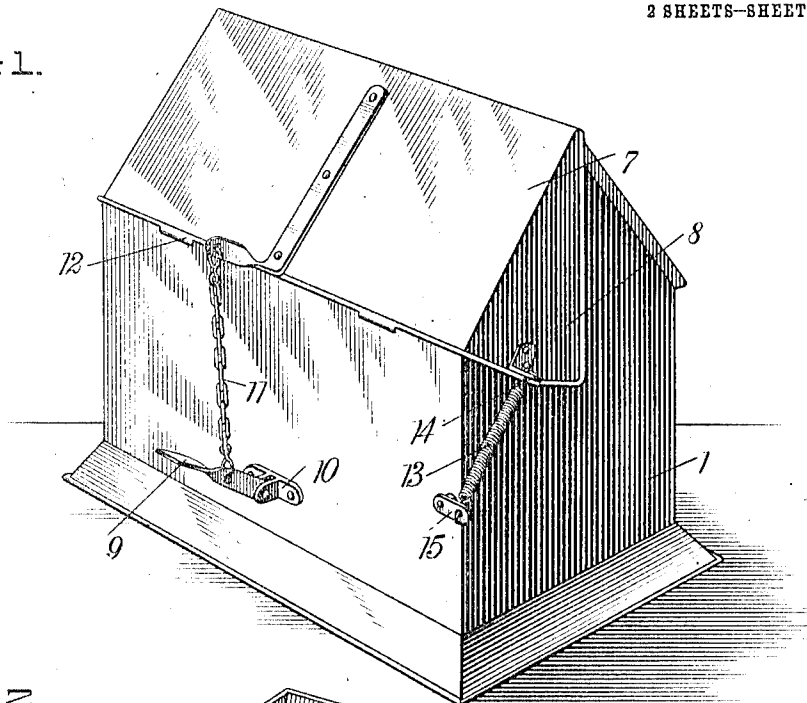
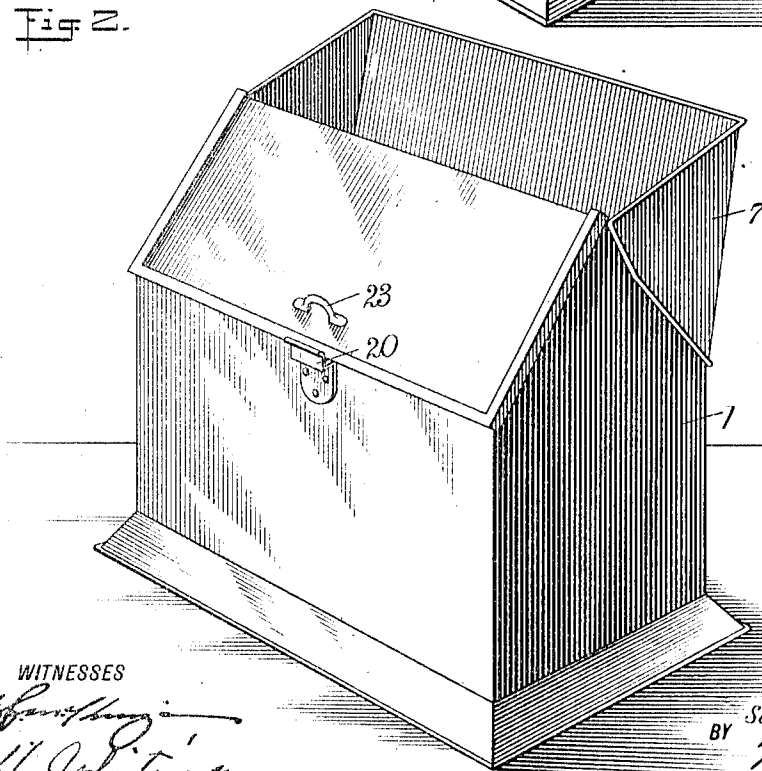


Fig 2.



WITNESSES

E. J. Whitely
H. Whitely

INVENTOR

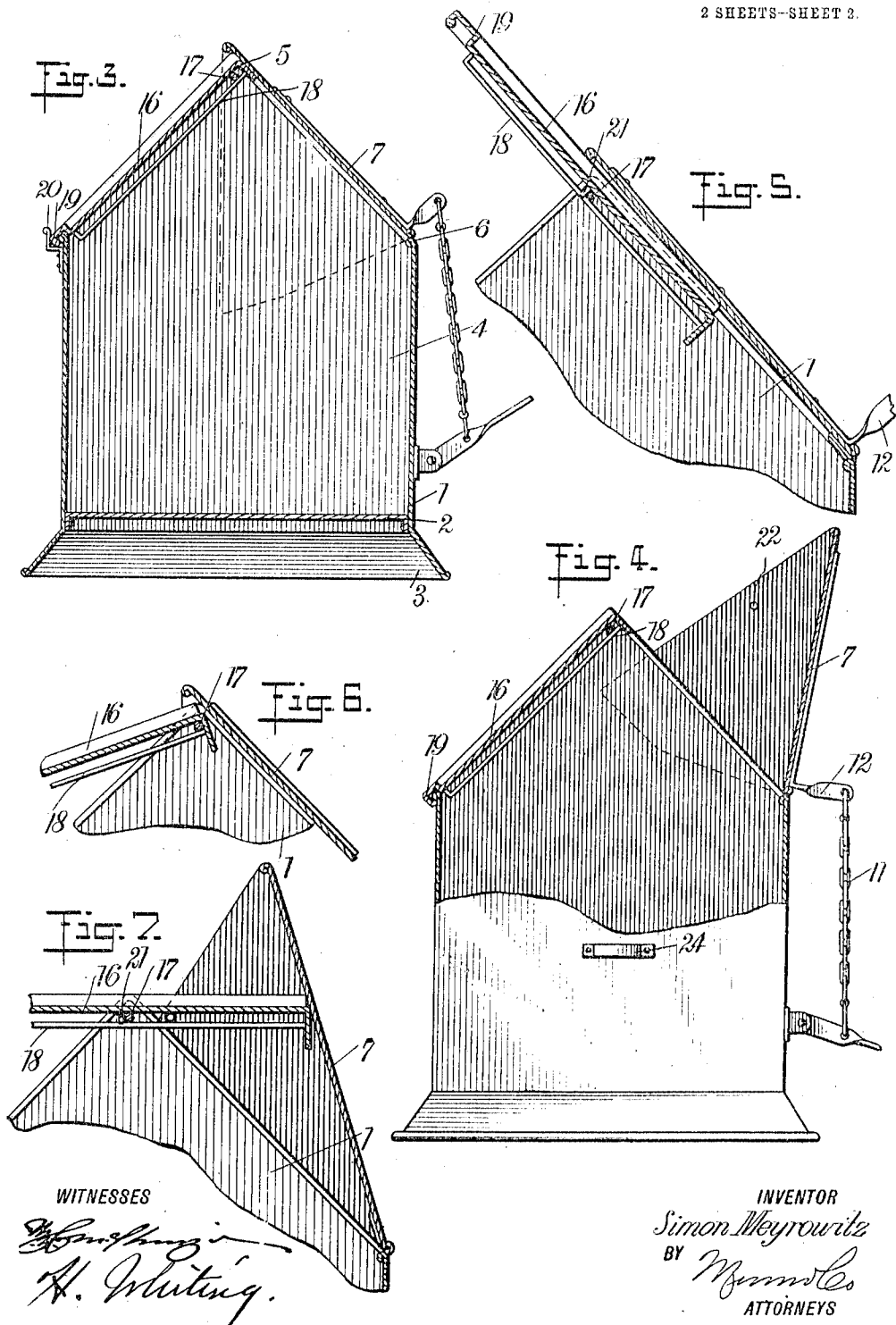
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WITNESSES

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INVENTOR

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UNITED STATES PATENT OFFICE.

SIMON MEYROWITZ, OF NEW YORK, N. Y.

REFUSE-RECEPTACLE.

1,040,565.

Specification of Letters Patent.

Patented Oct. 8, 1912.

Application filed July 13, 1911. Serial No. 638,389.

To all whom it may concern:

Be it known that I, SIMON MEYROWITZ, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and improved Refuse-Receptacle, of which the following is a full, clear, and exact description.

This invention relates to a receptacle which is very necessary to be placed in shops where cutting wastes are lying all over the floors and which in many cases have caused fires, for the purpose of receiving the refuse of the above and of any character, in such a manner that it will not readily be scattered on the floors. Such a receptacle is easily placed under the table where the cutter stands, and after the cutting is done, the refuse is pushed down in the receptacle, which closes automatically, and in this way a fire is avoided.

An object of this invention is to provide a refuse receptacle with a cover which can be readily opened for the purpose of depositing refuse therein, and with an auxiliary door or cover which can be opened for the purpose of removing the refuse from the receptacle.

A further object of this invention is to provide a refuse receptacle with a cover which can be opened to place refuse in the receptacle, said cover being automatically closed.

A still further object is to provide a receptacle with a main cover for depositing refuse therein, and an auxiliary cover or door which can be opened to remove refuse from the receptacle, said cover being adapted to normally hold said door open when once opened, but also adapted to close said door when said cover is opened.

These and further objects, together with the construction and combination of parts, will be more fully described hereinafter and particularly set forth in the claims.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the views, and in which—

Figure 1 is a perspective view showing the receptacle closed; Fig. 2 is a perspective view taken from the opposite side to that of Fig. 1, showing the cover open; Fig. 3 is a

vertical transverse section, showing the receptacle entirely closed; Fig. 4 is a side view in elevation, partly in section, showing the cover open; Fig. 5 is a fragmentary transverse section, showing the door open; Fig. 6 is a fragmentary vertical section showing the door partly open; and Fig. 7 is a fragmentary vertical section showing the action of the trip on the cover in closing the door.

Referring more particularly to the separate parts of this invention as embodied in the form shown in the drawings, 1 indicates the body of the receptacle, which may be provided with a bottom 2, located a sufficient distance above the lower margin of the body portion of the receptacle to form a flange 3, which supports the main portion of the receptacle in spaced relation from the ground. The receptacle is made preferably of some suitable metal.

It will be noted that the sides of the receptacle, indicated at 4, project upwardly beyond the front and rear thereof, in such a manner that the projecting edges incline toward each other to an apex at 5.

Pivotaly secured to the front of the receptacle, as at 6, there is provided a cover 7, which assumes a normal inclined position, as indicated in Figs. 1 and 3, when closed, and rests against the inclined edges of the sides 4. It will be noted that the cover 7 has downwardly-extending flanges or sides 8, which overlap the sides of the body portion and thereby form a complete inclosure.

The cover 7 may be opened in any suitable manner, as by means of a treadle 9, which is pivotally secured to a bracket 10 on the body of the receptacle 1, and is connected by means of a flexible connection, indicated by the chain 11, to a bracket 12 secured to the cover 7. The cover 7 is automatically returned to its closed position by means of one or two springs 13, which may be secured to a bracket 14 on the cover 7 at one end and a bracket 15 on the body portion of the receptacle at the other end.

For the purpose of removing the contents of the receptacle therefrom, there may be provided an auxiliary cover or door 16, which is shown to be slidably pivoted to the body portion of the receptacle by means of a rod 17, which extends between the door 16 and a pair of rods 18, which are secured to the door at their ends, and spaced apart

therefrom intermediate their ends in parallel relation thereto.

It will be noted that the upper end of the door is bent at right-angles to the main portion thereof to form an overhang; the lower edge of the door 16 is also bent to form a channel 19, which is adapted to engage the upper edge of the front of the body portion of the receptacle, and thus determine the closed position of the door, which may be locked, when closed, by means of a snap spring catch 20, which engages over the edge of this channel 19. When the door is opened for the purpose of removing the contents of the receptacle, it is swung up about the pivot rod 17, and then slid out into the position shown in Fig. 5, so that the cover 7 holds it open. After the contents of the receptacle have been emptied, the door 16 can be pulled closed by a reversal of the above-mentioned operation, but, if it should be neglectfully left open, the mere operation of opening the cover 7 will cause it to close. Of course, the door 16 may be limited by stops 21 thereon, which engage the pivot rod 17, so that it will automatically swing closed when the cover is opened. In order to insure the closing of the door 16, however, there may be provided one or more trips 22 on the sides or flanges of the cover 7, which will engage under the edge of the door 16 and swing it, so that it will naturally slide down to its closed position when the cover is closed as illustrated in Fig. 7. The door 16 can be provided with a handle 23, whereby its manipulation will be more readily performed. The receptacle itself may be also provided with handles 24, whereby it can be more readily moved about from place to place.

While I have designated the pivotally mounted element, as a cover and the slidably mounted element as a door, it is, of course, obvious that such terms are used to merely designate the elements and that either or both elements may be designated as covers or doors.

It will thus be seen that there is provided a simple and convenient refuse receptacle, which can be readily opened to deposit refuse therein, and which can be further opened to remove refuse therefrom, yet which will be so arranged that it will automatically close to prevent the contents of the receptacle from being blown out, and to cover up the contents, so that they will not appear unsightly, and so that no fire can come out of the receptacle.

While I have shown one embodiment of my invention, I do not wish to be limited to the specific details thereof, but desire to be protected in various changes, alterations and modifications which may come within the scope of the appended claims.

Having thus described my invention, I

claim as new and desire to secure by Letters Patent:—

1. A receptacle having an open top, the intermediate portion of each end of the receptacle projecting above the sides thereof whereby the edge portions of the said ends are inclined, a cover pivotally mounted on the receptacle and closing a portion of the said open top, another cover slidably mounted adjacent the top of the said ends for closing the other portion of the said top, means for retaining the pivoted cover in closed position, the slidable cover being movable into open position in engagement with the pivotally mounted cover whereby the interior of the receptacle is accessible, movement of the pivotally mounted cover bringing it out of engagement with the slidably mounted cover whereby the said slidably mounted cover will move into closed position.

2. A receptacle having an open top, the intermediate portions of the ends of the receptacle being at a higher elevation than the sides, a cover pivotally mounted on the receptacle for closing substantially one-half of the said open top, means for retaining it in closed position, a second cover for closing the other half of the open top, means whereby the second cover is slidably and pivotally mounted in position, means for securing the second cover in closed position, movement of the second cover to open position bringing it into engagement with the first cover, movement of the first cover to open position releasing the engagement thereof with the second cover whereby the second cover will return to closed position.

3. A receptacle having an open top, the intermediate portions of the ends thereof being at a higher elevation than the sides, a cover pivotally mounted on the receptacle for closing a portion of the said open top, means for retaining the cover in closed position, a second cover for closing the remaining portion of the open top, pivotal means in engagement with the second cover and adjacent the tops of the said ends whereby the second cover may be pivotally moved, the second cover being slidably mounted on the said pivotal means whereby it may be retained in open position by engagement with the first cover, movement of the first cover to open position disengaging the second cover therefrom whereby it returns to closed position.

4. A receptacle having an open top, the intermediate portions of the ends thereof being at a higher elevation than the sides, a cover pivotally mounted in position for closing a portion of the said open top, a rod extending longitudinally of the receptacle, a second cover being in engagement with the rod, means carried by the second cover whereby it may be moved along the rod into

engagement with the first cover, movement of the first cover to open position bringing it out of engagement with the second cover whereby the second cover returns to closed position.

5 5. A receptacle having an open top, the intermediate portions of the ends being at a higher elevation than the sides thereof, a cover pivotally mounted in position for closing a portion of the open top, means for retaining the cover in closed position, a rod extending longitudinally of the receptacle, means carried by the second cover in engagement with the rod whereby it may be moved about the rod as a center and also moved to different positions with respect to the rod, the second cover being adapted to be brought into engagement with the first cover whereby the second cover is held in open position, means carried by the first cover for engagement with the second cover whereby opening the first cover moves the second cover and permits it to return to closed position.

25 6. A receptacle having an open top, the intermediate portions of the ends being at a higher elevation than the sides thereof, a cover pivotally mounted on the receptacle for closing a portion of the said top, a rod extending longitudinally of the receptacle, a second cover for closing the remaining portion of the said open top, rods on the second cover engaging the longitudinally extending rod whereby the second cover may be moved on the rod into engagement with the first cover, means carried by the second

cover for limiting the motion thereof, together with trips carried by the first cover and for engagement with the second cover whereby, when the first cover is moved to open position, the second cover will be moved and permitted to return to closed position. 40

7. A receptacle having an open top, the intermediate portions of the ends being at a higher elevation than the sides thereof, 45 a cover pivotally mounted on the receptacle for closing a portion of the open top, a spring for retaining the cover in closed position, a second cover for closing the remaining portion of the open top, a plurality of 50 rods carried by the second cover, means carried by the receptacle and positioned between the rods and the said second cover whereby the said second cover is permitted movement relatively to the receptacle and 55 into engagement with the first cover, the second cover being provided with trips for engagement with opposite ends of the second cover whereby, when the first cover is opened, the second cover will be moved and 60 permitted to return to closed position, there being a suitable catch for engagement with the second cover whereby it is held in closed position.

In testimony whereof I have signed my 65 name to this specification in the presence of two subscribing witnesses.

SIMON MEYROWITZ.

Witnesses:

GABRIEL UPPERMAN,
BERNARD NADLER.