

V. AZZARA.
REFUSE RECEPTACLE.
APPLICATION FILED APR. 19, 1909.

934,262.

Patented Sept. 14, 1909.

2 SHEETS—SHEET 1.

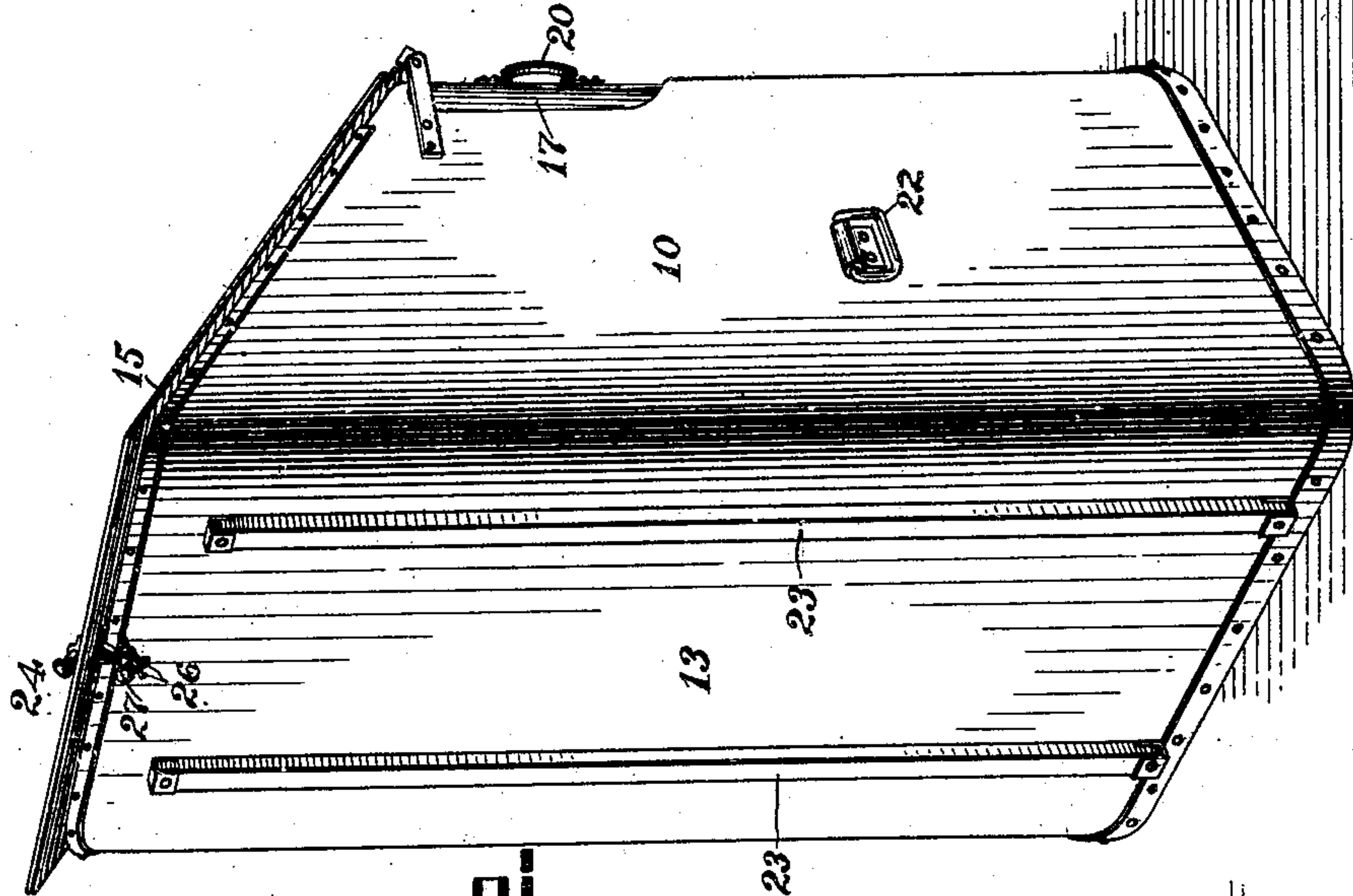


Fig. 2.

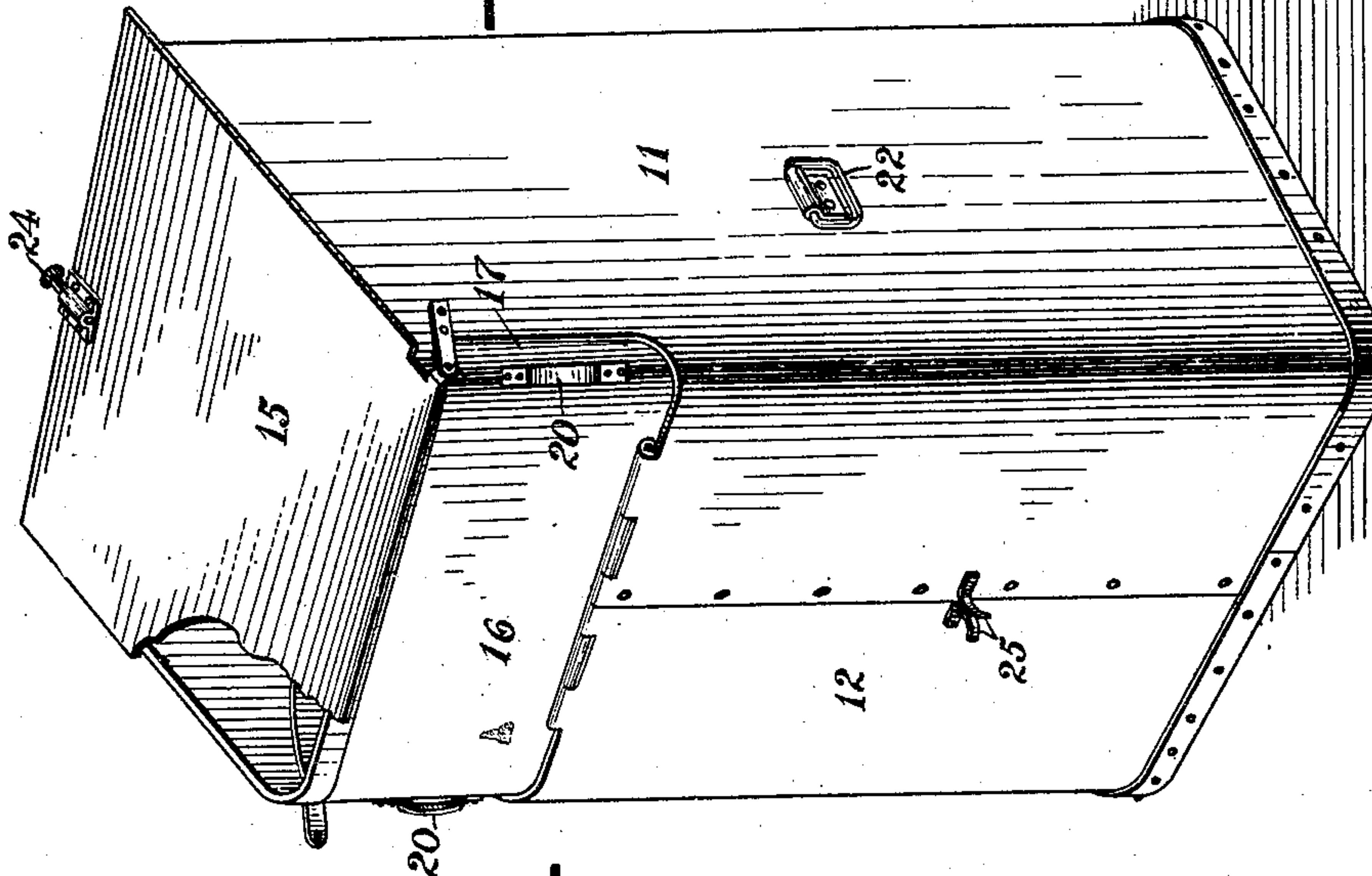


Fig. 1.

WITNESSES

F. J. Hackenbury
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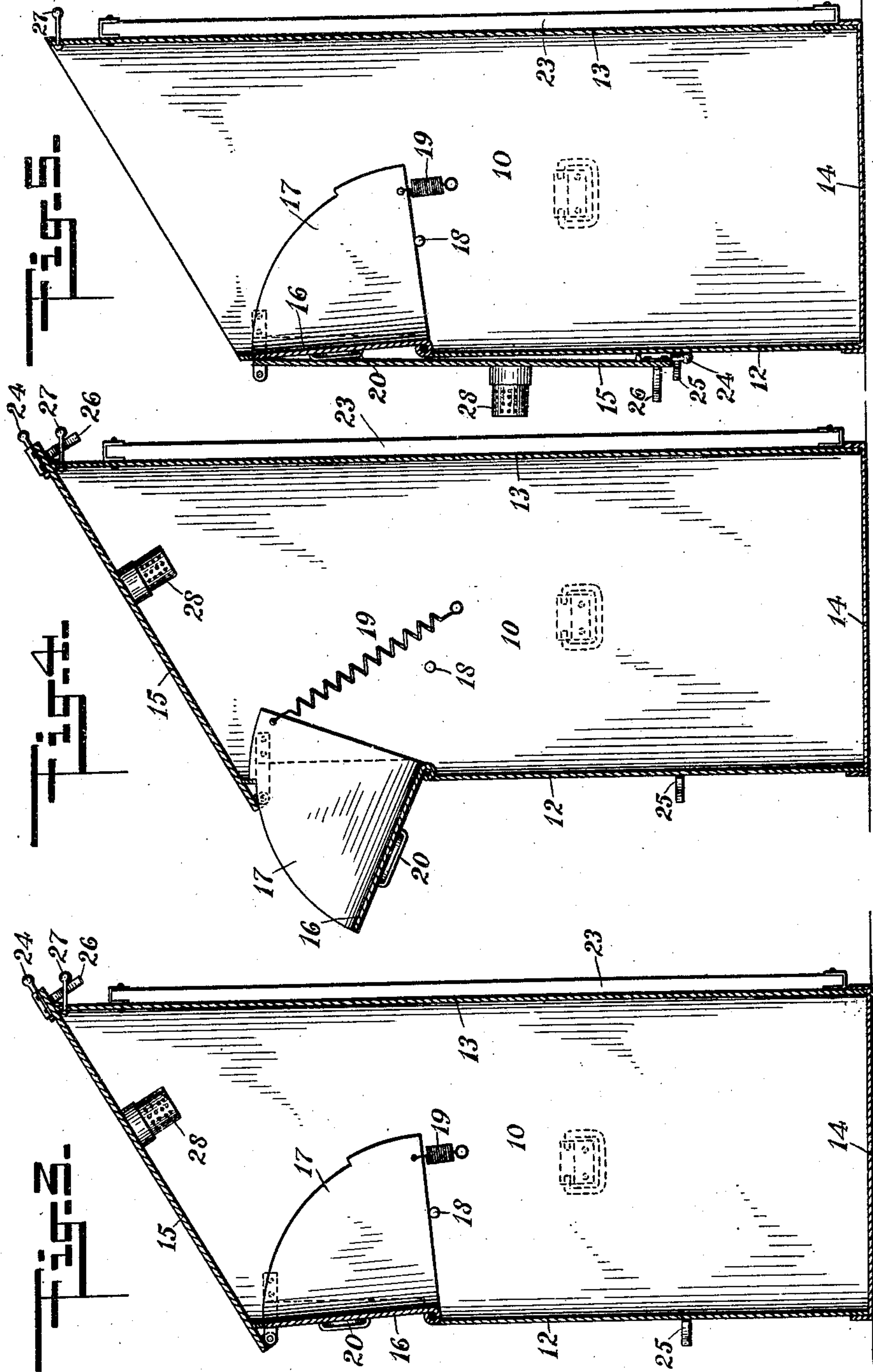
INVENTOR

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UNITED STATES PATENT OFFICE.

VINCENT AZZARA, OF MORRISTOWN, NEW JERSEY.

REFUSE-RECEPTACLE.

934,262.

Specification of Letters Patent. Patented Sept. 14, 1909.

Application filed April 19, 1909. Serial No. 490,695.

To all whom it may concern:

Be it known that I, VINCENT AZZARA, a citizen of the United States, and a resident of Morristown, in the county of Morris and State of New Jersey, have invented a new and Improved Refuse-Receptacle, of which the following is a full, clear, and exact description.

This invention relates to certain improvements in refuse receptacles especially designed for the reception of garbage, ashes or other waste material, and the object of the invention is to so construct the receptacle that the contents will be retained concealed from view and in as nearly a sanitary condition as possible.

My improved receptacle is provided with an inlet opening and an outlet opening, each having a separate cover or closure, and the main feature of the construction is the arrangement of the parts whereby the closure for the outlet positively locks the other closure against movement when said first-mentioned closure is in open position.

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 figures, and in which—

Figure 1 is a perspective view of a receptacle constructed in accordance with my invention, a portion thereof being broken away; Fig. 2 is a perspective view showing the opposite side of the receptacle from that shown in Fig. 1; Fig. 3 is a vertical section showing both closures in closed position; Fig. 4 is a view similar to Fig. 3, but showing the inlet closure in open position; and Fig. 5 is a view similar to Fig. 3 but showing the closure for the outlet in its open position.

My improved receptacle is preferably formed of sheet metal and may be of any suitable form in cross section, although it is preferably rectangular. The specific receptacle illustrated is provided with oppositely-disposed side walls 10 and 11, a front wall 12 and a rear wall 13, all connected to a suitable bottom 14. The upper end of the receptacle is beveled or cut away so that the rear wall 13 extends to a greater elevation than the front wall 12. The upper end of the receptacle is provided with an inclined cover or closure 15, which is hinged to the receptacle at the upper edge of the front wall 12, so that said cover or closure lies in

an inclined plane. The edges of the cover preferably extend out beyond the planes of the walls of the receptacle so that rain falling on the cover will not find its way into the container. The front wall, adjacent its upper end, is provided with an entrance opening which is normally closed by a door or closure 16. This closure normally extends in a substantially vertical plane and is hinged to the wall 12 along the lower edge of the closure, so that the closure opens at its upper edge. The closure is provided with inwardly-extending sector-shaped wings 17, at its ends, which are normally disposed adjacent the inner surfaces of the side walls 10 and 11 of the receptacle. The closure is prevented from swinging inwardly beyond its normal position by stops 18 or in any other suitable manner, and the closure is retained in its normal position by a spring 19 or any other suitable means. For opening the closure, the latter is provided with any suitable form of handles 20, which are preferably placed adjacent the ends of the closure, so that they will not interfere with the closure 15 when the latter is opened to the full extent as hereinafter set forth. The sides 10 and 11 of the receptacle are preferably provided with handles 22, and the rear wall 13 is preferably provided with batten plates 23, 23 of wood or similar material, which will prevent injury to the body of the receptacle if the latter is roughly handled in dumping the contents therefrom.

The two closures 15 and 16 are normally retained in their closed positions, the former by the action of gravity and the latter by the action of the spring 19. When it is desired to introduce any ashes, garbage or other waste material into the receptacle, the closure 16 is moved outwardly from the position shown in Fig. 3 to that shown in Fig. 4. As soon as the closure is released it will immediately return to its normal position and any material which is left on the inner surface of the closure will immediately fall into the receptacle. Thus the receptacle cannot be accidentally left open.

When it is desired to remove the contents from the receptacle, the closure 15 is opened and swung backwardly and downwardly into engagement with the outer surface of the front wall 12, so as to cover and conceal the closure 16. As the closure 16 cannot be opened except by swinging outwardly, it is evident that when the closure 15 is in open

position, it will lock the closure 16 against being opened. With the closure 15 in its open position, the receptacle may be readily grasped by the handles 22 and raised and inverted. The material will slide from the container along the inner face of the rear wall 13, while the strips or batten plates 23 rest in engagement with the side of the wagon body or other container into which the material from the receptacle is transferred. The closure 16 and its wings 17 and spring 19, do not interfere in any way with the free removal of the material through the top opening when the receptacle is properly inverted.

I provide means for locking the closure 15 in either its open or closed position, although the detail construction of this means may be somewhat varied. As illustrated, the cover 15 is provided with an outwardly-extending pin or projection 24, which when the cover is in its open position will be received between a pair of spring clamps 25 carried by the front wall 12 of the receptacle. The under side of the closure 15 at its free edge, is provided with a downwardly-extending pair of spring clamps 26 positioned adjacent the outer surface of the rear wall 13 when said closure is in closed position. These spring members may receive between them an outwardly-extending stud or projection 27 carried by the wall 13 adjacent the upper edge thereof. These fastenings retain the cover 15 in its closed position or in its open position, and permit the receptacle to be moved about without any relative movement of the receptacle and its closure. The closure 15 may, if desired, carry upon its under surface, a small cup, can or other receiver 28, for a disinfecting material.

Inasmuch as the receptacle automatically closes after being opened, it is evident that lighted cigars or cigarettes cannot readily be thrown therein to set fire to the refuse, and even in case the refuse should catch fire, the fire would soon be smothered, as air cannot readily gain access to the interior.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. A container for refuse having an inlet opening in one side thereof, a closure for said opening, a cover for the top of the container and constructed and arranged to

move to an open position adjacent the outer surface of said closure, and means for retaining said cover in said position for locking the closure in its closed position.

2. A receptacle having an opening in one side thereof, a closure for said opening and hinged at its lower edge, the upper edge of said closure being disposed adjacent the top of said receptacle, and a cover for said receptacle hinged at the upper edge of the side of the receptacle having said opening and movable into engagement with said side to prevent the opening of said closure.

3. A receptacle having an opening in one side thereof, a closure for said opening and hinged at its lower edge, the upper edge of said closure being disposed adjacent the top of said receptacle, a cover for said receptacle hinged at the upper edge of the side of the receptacle having said opening and movable into engagement with said side to prevent the opening of said closure, and means for locking said receptacle in either its open or closed position.

4. A receptacle having side walls terminating at their upper ends in an inclined plane, an opening in one of said side walls, a closure hinged to the lower edge of said opening and normally disposed in a substantially vertical plane to close said opening and having its upper edge movable outwardly to permit the admission of material to said receptacle, said closure having sector-shaped wings or flanges at its ends disposed within said receptacle, means in engagement with one of said flanges or wings for normally retaining said receptacle in its closed position, a cover for the top of said receptacle and normally disposed in an inclined plane and having one edge thereof hinged to said receptacle at the side thereof adjacent the upper edge of said closure and movable to a position adjacent the outer surface of said closure to prevent the latter from being opened, and locking means for retaining said cover in its open or closed position.

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

VINCENT AZZARA.

Witnesses:

F. D. BALDWIN,
MARY L. MALONEY.