

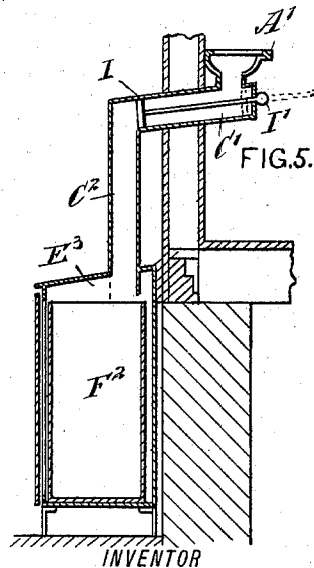
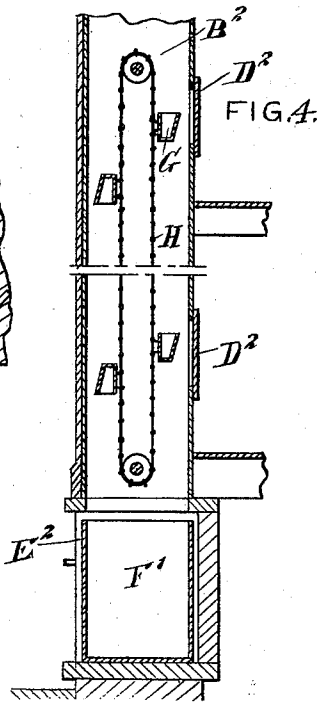
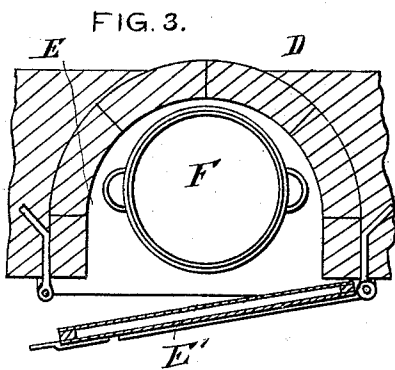
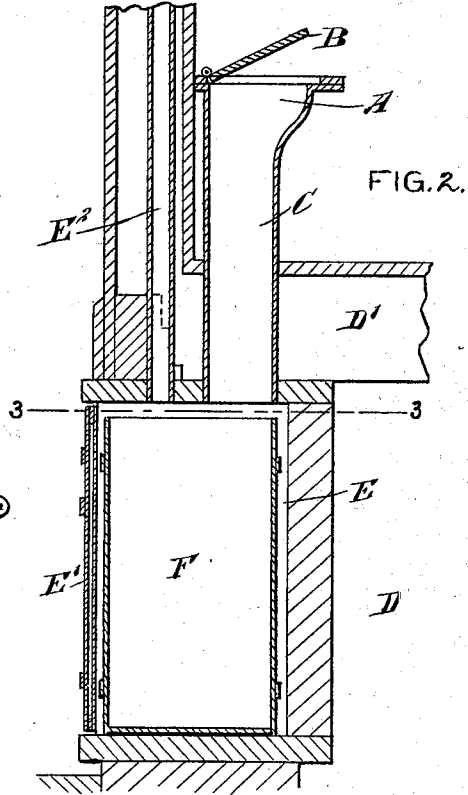
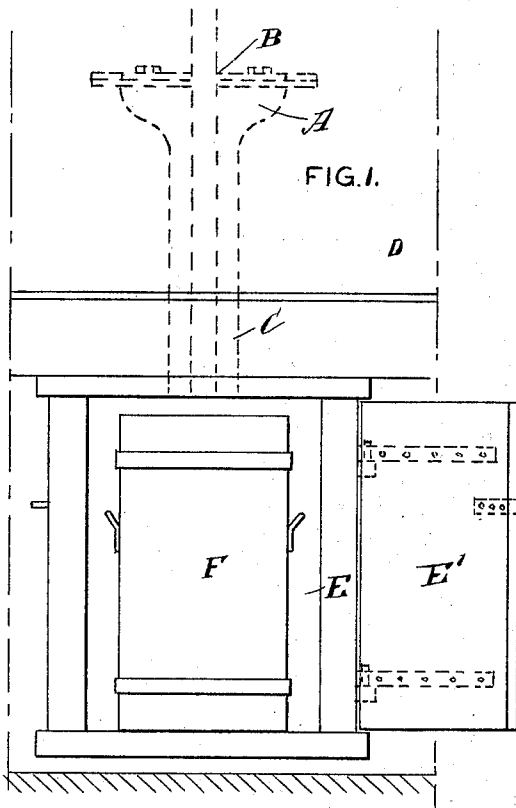
(No Model.)

I. C. GOODRIDGE.

APPARATUS FOR DISPOSING OF GARBAGE FROM BUILDINGS.

No. 606,483.

Patented June 28, 1898.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

IRA C. GOODRIDGE, OF ROCHESTER, NEW YORK.

## APPARATUS FOR DISPOSING OF GARBAGE FROM BUILDINGS.

SPECIFICATION forming part of Letters Patent No. 606,483, dated June 28, 1898.

Application filed July 18, 1896. Serial No. 599,729. (No model.)

*To all whom it may concern:*

Be it known that I, IRA C. GOODRIDGE, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in the Disposal of Garbage from Buildings, of which the following is a full, clear, and exact description.

The object of the invention is to provide certain new and useful improvements in the disposal of garbage from buildings, whereby the accumulating garbage is readily passed from the kitchen to a suitable removable receptacle in a casing in or on the outside of the wall of the building, so as to facilitate emptying the contents of the receptacle into a cart or other means for transporting the garbage to a dump, crematory, or other place.

The invention consists of certain parts and details and combinations of the same, as will be fully described hereinafter and then pointed out 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 figures.

Figure 1 is a front elevation of the improvement. Fig. 2 is a sectional side elevation of the same. Fig. 3 is a sectional plan view of the same on the line 3 3 of Fig. 2, and Figs. 4 and 5 are sectional side elevations of modified forms of the improvement.

The improved device, as illustrated in Figs. 1, 2, and 3, is provided with a receiver A, located within the kitchen or like room of a building to permit the user of the device to readily empty the accumulated garbage into the said receiver, the latter being normally closed by a lid B, which, however, is raised when emptying the garbage into the receiver. The receiver A connects directly with the upper end of a pipe C, extending downwardly through the floor D' of the kitchen of the building D and which opens at its lower end into the top of a casing E, formed or built in the outside of the wall of the building, with a door E' at the outside of the wall to give access to the said casing from the outside of the building.

In the casing E is placed a pail or other receptacle F, located so that the garbage passing down the conveyer-pipe C passes directly into the said receptacle. Now when the latter is filled then it can be readily removed

from the casing E and its contents dumped into a cart or other means for transporting the garbage to the dump, crematory, or other place. When the receptacle F is emptied of its contents, it is placed back into the casing E, the door E' of which is then closed. A vent-pipe E<sup>2</sup> extends from the upper end of the casing E through the wall of the building to the roof, so as to carry off any odors that may arise from the accumulating garbage contained in the receptacle F.

Now it will be seen that by the arrangement described the garbage is at once removed from the kitchen and accumulates in a receptacle inclosed within a casing, so that dogs, flies, &c., have no access to the garbage, and the latter is also not liable to decompose, as it is not exposed to the rays of the sun, to rain, and the like.

As illustrated in Fig. 4, the pipe C is dispensed with and in its stead are used conveyer-buckets G, held on an endless chain H, mounted on pulleys and disposed vertically in a channel B<sup>2</sup>, formed within the wall of the building, the said chain H extending from the ground-floor to the top of the building. Access is had to the several buckets G by doors D<sup>2</sup>, formed in the wall of said channel B<sup>2</sup>. The buckets G are adapted to empty into a receptacle F', removably placed in a casing E<sup>2</sup>, similar to the casing E. By the arrangement described the garbage from several floors in the building can be readily disposed of in the manner described.

In order to apply this device on buildings already in existence, I provide the arrangement shown in Fig. 5, in which the receiver A' discharges into a pipe C', extending transversely through the wall of the building to the outside thereof to connect with a downwardly-extending pipe C<sup>2</sup>, opening into a casing E<sup>3</sup>, attached to the outside of the building and adapted to contain the garbage-receiving receptacle F<sup>2</sup>. A plunger I is held in the pipe C' and is provided with a plunger-rod I', extending through the inner closed end of the pipe within the kitchen to permit the operator to push the garbage delivered by the receiver A' into the inner end of the pipe C' forwardly until the garbage finally drops through the pipe C<sup>2</sup> down into the receptacle F<sup>2</sup>. The plunger when in outermost

position serves as a stopper for the pipe C' to prevent odors rising in the pipe C<sup>2</sup> from passing into the pipe C' and by way of receiver A' into the kitchen.

5 The pipe C (shown in Fig. 2) may be arranged in the wall of the building to reach all the floors, and in this case a receiver A is connected with the pipe at each floor to permit of disposing of all the garbage in the  
10 building through one pipe into one receptacle.

Now it will be seen that by the arrangement described it is not necessary for the user to step outside to dispose of any garbage, as all refuse matter is emptied into a  
15 conveyer, which carries the matter to a receptacle, access to which is had from the outside of the building.

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

1. A device of the class described, com-

prising a receiver within a room of the building, a casing below the floor of the said room, a pipe leading from the receiver to the casing, and a plunger in said pipe, substantially  
25 as described.

2. A device of the class described comprising a receiver within a room of the building and provided with a lid, a casing outside of the building and below the floor of the room  
30 in which the receiver is located, said casing being provided with a door, a pipe leading from the receiver out through the wall of the building and then down into the casing, and a plunger in the portion of the pipe leading  
35 through the side of the building, substantially as described.

IRA C. GOODRIDGE.

Witnesses:

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