S. R. McDONALD.

REFUSE RECEIVER.

APPLICATION FILED MAR. 7, 1919.

1,413,751. Patented Apr. 25, 1922.

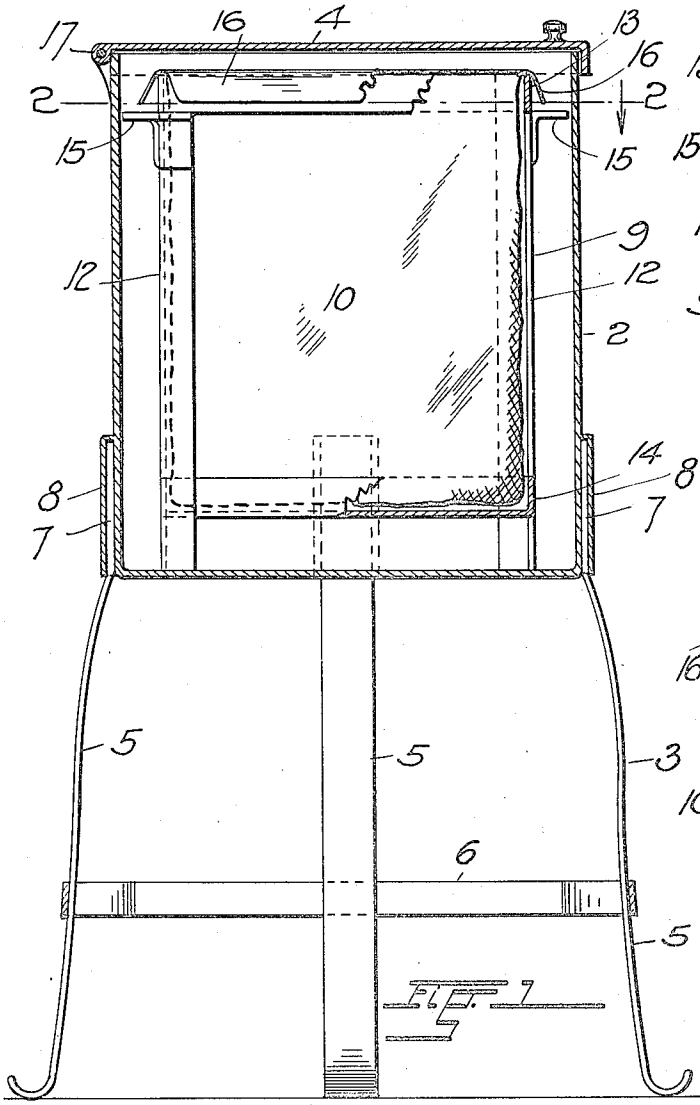


FIG. 1.

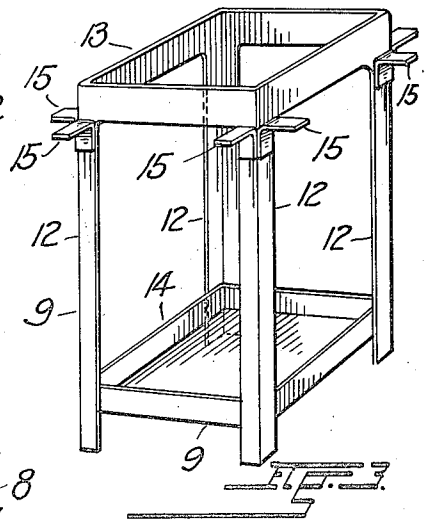


FIG. 3.

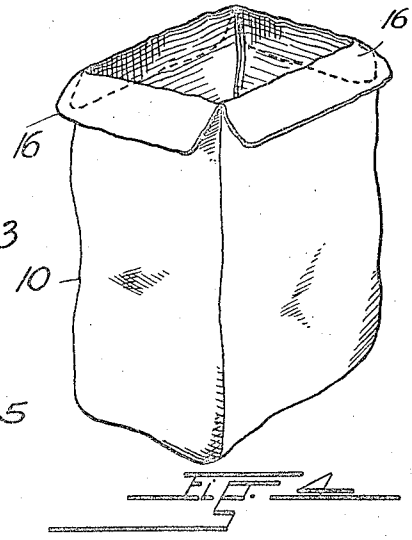


FIG. 4.

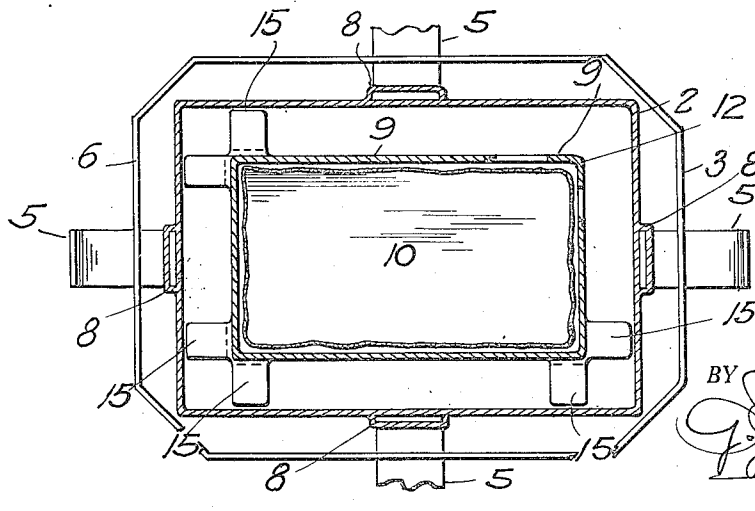


FIG. 2.

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REFUSE RECEIVER.

1,413,751. Specification of Letters Patent. Patented Apr. 25, 1922.

Application filed March 7, 1919. Serial No. 281,105.

To all whom it may concern:

Be it known that I, SAMUEL R. McDONALD, a citizen of the United States, residing at Denver, in the county of Denver and State of Colorado, have invented certain new and useful Improvements in Refuse Receivers, of which the following is a specification.

This invention relates to refuse receivers, and its object is to provide a receptacle especially adapted for use in ladies' lavatories of factories, stores and office buildings, in hospitals and in the offices of physicians to receive soiled cloths, bandages, etc.

The use of my invention prevents unsanitary conditions, obviates the practise of depositing cloths in drains not adapted for their conveyance, and permits of the removal of the cloths without being brought in contact with the hands.

These and other objects, all of which will fully appear in the course of the following description, I attain by the construction and arrangement of parts shown in their preferred form in the accompanying drawings in which—

Figure 1 is a vertical section of the refuse-receptacle;

Figure 2, a transverse section on the line 2—2, Figure 1;

Figure 3, a perspective view of the bag-holding crate of the receptacle, and

Figure 4, a perspective view of the removable and destroyable inner member of the same.

In carrying out my invention, I provide a box or casing 2 of preferably rectangular section which is supported upon a stand 3 and which is normally closed by a hinged and flanged lid 4 that covers its top.

The stand is composed of four legs 5 interconnected by a surrounding band 6 and provided at their upper ends with tenons 7 for their insertion in sockets 8 on the sides of the box.

A crate 9 contained within the casing, serves to hold an open paper bag 10 in spaced relation to the walls thereof. The crate consists to this end, of four upright legs 12 connected at their upper ends by a rim 13 from which the bag is suspended and fastened at a short distance above their lower ends to a flanged pan 14.

Distance fingers 15 projecting laterally from the crate near its top, space it from the upright walls of the container.

The bag 10 hereinbefore referred to, which is rectangular in section, fits loosely within the crate, and the upper portions of its sides are folded upon themselves to provide flaps 16 for its suspension from the rim at the upper end of the same.

The flaps when bent upwardly, also provide a handhold by which the receptacle may be lifted from the box and held in a closed condition while being carried to the place at which its contents are destroyed.

In the use of my invention a paper-bag is suspended from the crate in the container in the manner hereinbefore described and the latter is constantly covered by its lid which is loosely hinged as at 17 and which is of sufficient weight to close by gravity when released after having been lifted for the deposit of the refuse.

The soiled matter placed in the receiver is removed at the end of each day or oftener if required, by turning the flaps of the paper bag upwardly and bringing them together so that they close the bag and at the same time provide a handhold for its removal.

The bag with its contents are destroyed, preferably by burning it in a furnace, and a new bag is placed within the crate of the receiver.

In case a bag is defectively constructed and leaks or accidentally breaks, escaping liquid or part or all of its contents will fall in the pan at the bottom of the crate and is thus prevented from contaminating the walls of the box. The entire crate is in such an event lifted from the box and thoroughly cleaned after the bag together with its contents have been destroyed as before.

It will thus be seen that the receiver provides a very convenient and sanitary means for the deposit of soiled cloths and bandages which heretofore were often thrown in a corner of the room or deposited in a drain not intended for their conveyance.

The construction of the receiver permits of the removal of its contents without their coming in contact with the hands of the attendant, and inasmuch as the soiled matter deposited in the receiver can under no conditions come in contact with the walls of the box or outer casing of the same, the latter will always be in a clean and sanitary condition and requires only occasional cleaning.

The detachable connection of the box with the stand on which it is supported, facilitates shipping and storing.

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

1. A refuse container comprising in combination, a lid-covered case, a removable skeleton frame resting on the bottom thereof, and including a suspension rim and distance lugs which space the frame from the walls of the case, a drip-pan mounted on the frame, and a sack loosely suspended from the rim of the frame above the drip-pan.

2. A refuse container comprising in combination, a lid-covered case, a removable skeleton frame resting on the bottom thereof, and including a suspension rim and distance lugs which space the frame from the walls of the case, a drip-pan mounted on the frame in spaced relation to the bottom of the case, and a sack loosely suspended from the rim of the frame above the drip-pan.

3. A refuse container comprising in combination, a lid-covered case, a removable skeleton frame resting on the bottom thereof, and including a suspension rim and distance lugs which space the frame from the sides of the case, and a sack loosely suspended from the rim inside the frame.

In testimony whereof I have affixed my signature.

SAMUEL RANDALL McDONALD.