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J. R. MOLER, H. E. INSLEY & S. L. PHILLIPS.

GARBAGE CAN.

APPLICATION FILED APR. 15, 1905

Fig. 1.

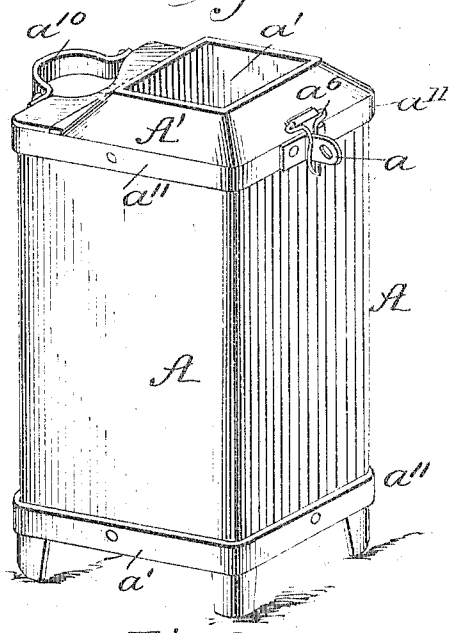


Fig. 2.

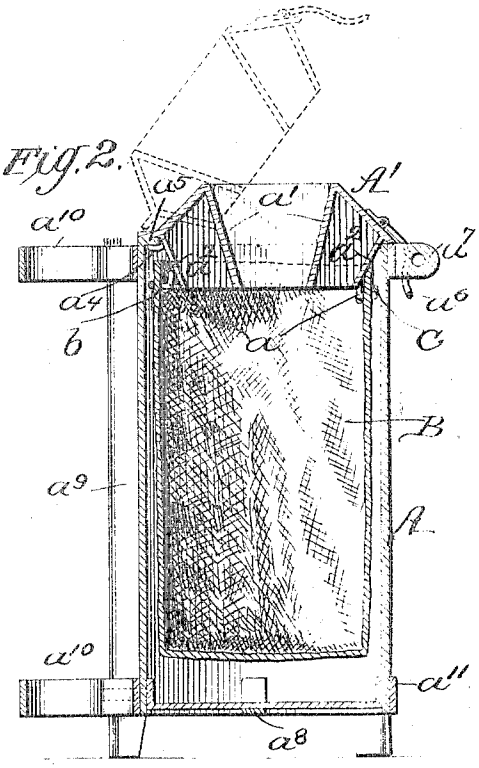


Fig. 4.

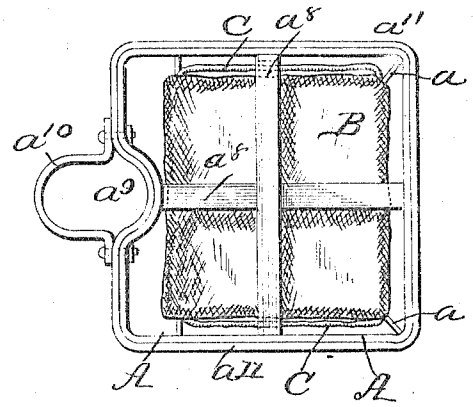


Fig. 3.

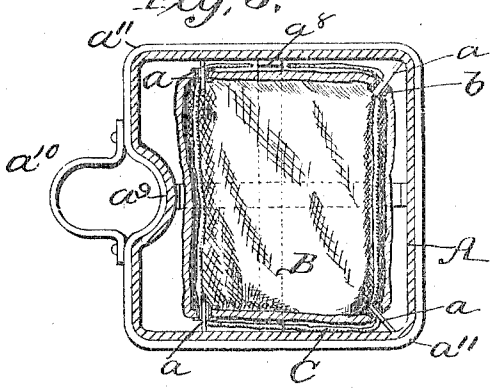
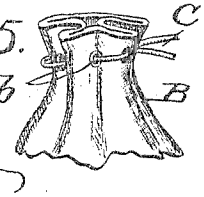


Fig. 5.



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GARBAGE-CAN.

No. 816,989. Specification of Letters Patent. Patented April 3, 1906.

Application filed April 15, 1905. Serial No. 255,723.

To all whom it may concern:

Be it known that we, JESSE R. MOLER, HARRY E. INSLEY, and SAMUEL L. PHILLIPS, citizens of the United States, and residents of Denver, in the county of Denver and State of Colorado, have invented an Improved Garbage-Can, of which the following is a specification.

Our invention is an improvement in the class of receptacles located upon the street or adjacent to houses for the purposes of receiving and temporarily holding garbage, rubbish, &c.

The invention is embodied in the construction, arrangement, and combination of parts hereinafter described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of our improved garbage-can. Fig. 2 is a central vertical section of the same. Fig. 3 is a cross-section of the same. Fig. 4 is a bottom plan view. Fig. 5 is a perspective view of the top portion of the sack when contracted or closed by the draw-string, the said sack being normally suspended in the receptacle proper with the mouth fully open.

The body A of the can is oblong and rectangular in form and constructed of sheet metal, preferably thin galvanized iron. It is open at the top, the edge of the same being bent inward to form an overhanging lip or flange a^5, as shown in Fig. 2, and with which the hollow removable cover A′ is adapted to engage, as hereinafter described. Within the body A we suspend a canvas sack B, the same having at the top a series of eyelets e to adapt it for attachment to hooks a, that project inward from the sides of the can-body and are arranged a short distance below the inturned top flange a^5. As shown in Fig. 2, the mouth of the sack B is held fully open when suspended from the hooks a, and a draw-string C is rove through the same eyelets as receive the hook. This draw-string serves for contracting the mouth of the sack, and thus practically closing it when duly filled with garbage or other material.

The removable hollow top A′ of the can has a flaring mouth a', through which the garbage or other material is fed into the sack B. The top is also provided with a pendent outer flange a^2, which is inclined inward like the inner flange that constitutes the tapered mouth a' and extends down far enough to cover and guard the hooks a, so that access to them is rendered difficult or impossible, and thus removal of the sack is prevented so long as the top A′ remains closed. The said top A′ is detachable and practically hinged, as follows: On one side it is provided with flanges a^4, one of which underlies the inturned flange a^5, formed on the top of the can-body A, while the other or top flange rests upon the flange a^5 and, in fact, extends entirely around the removable top A′. On the opposite side the body A′ is provided with a hinged hasp a^6, that engages a fixed staple a^7, forming a permanent attachment of the can-body and provided with a hole for reception of a padlock. By this means we provide for the convenient application and removal of the top A′. It will be observed that when said top is removed the upper end of the can-body is left practically entirely open, so that access to the sack B for removal of the same is provided for. The bottom of the can-body A is practically open, it being provided, as shown in Figs. 2 and 4, with cross-bars a^8, which brace and strengthen the body of the can and prevent the removal of the sack through the bottom, as will be readily understood. The body A may be extended at each corner below the bottom bars a^8 to form legs, which serve to support the can above the pavement or other surface upon which the can is placed. The bottom of the can being open, air has free access to the sack on all sides of the same, so that material deposited in it is constantly stantly subjected to drying action.

The can is adapted for attachment to a vertical rod, the back of the same being provided with a lengthwise groove a^9 and keepers a^{10}, arranged at top and bottom, as shown in Fig. 2.

For the purpose of strengthening the comparatively thin body of the can we provide it at the top and bottom with an encircling band a^{11}, which is made of due thickness for this purpose.

What we claim is—

1. As an improved article of manufacture, the garbage-can comprising the hollow sheet-metal body having an open top and bottom, and an inturned top flange a^5, hooks arranged interiorly below the said flange, for suspending a sack within the can proper, and the removable hollow top A′ having a central converging mouth and an outer flange a^2, that

projects downward and inward within the can-body and over the sack-hooks, and is provided with upper and under flanges, one resting upon the flange a^5 of the body and the other projecting below the same when the can is in normal position, as shown and described.

2. The combination, with the hollow can-body having an inturned top flange and sack-suspending hooks arranged interiorly of the can-body directly below said flange, of the removable cover A′ having a central opening, and upper and under flanges adapted to engage the flange of the can-body, and means applied to the opposite side of the top for fastening the latter, substantially as described.

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