C. KAISER.

ASH CAN.

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1,106,877. Patented Aug. 11, 1914.

Fig. 1.

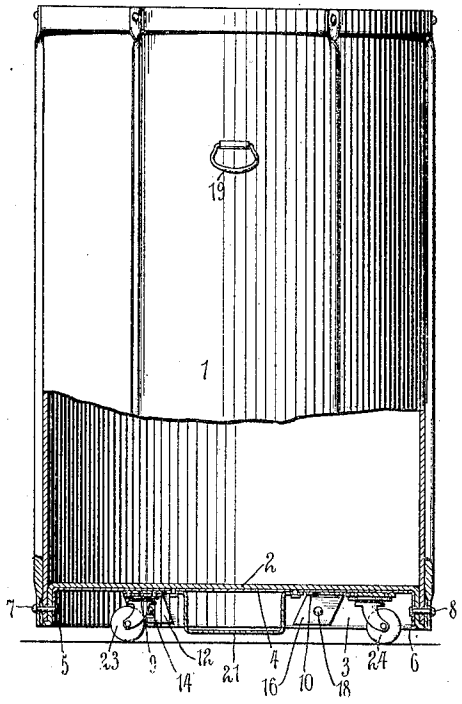
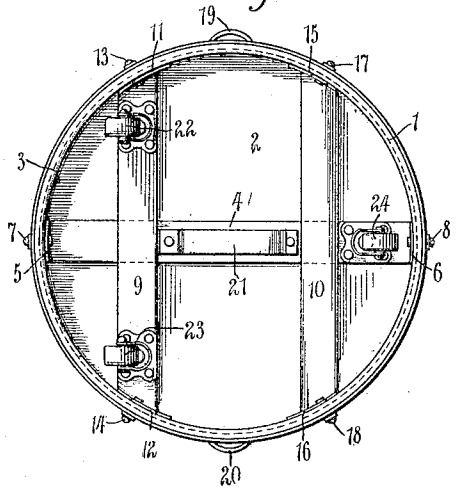


Fig. 2.



Witnesses:
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THE MORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C

UNITED STATES PATENT OFFICE.

CARL KAISER, OF NEW YORK, N. Y., ASSIGNOR TO KAISER MANUFACTURING COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

ASH-CAN.

1,106,877. Specification of Letters Patent. Patented Aug. 11, 1914.

Application filed March 30, 1911. Serial No. 617,916.

To all whom it may concern:

Be it known that I, CARL KAISER, a citizen of the United States, and resident of the borough of Manhattan, in the city and State of New York, have invented a new and useful Improvement in Ash-Cans, of which the following is a specification.

The object of the present invention is to provide an ash can which will be extremely strong, which can be readily moved from place to place and right side up, and which can be readily manipulated for dumping the contents therefrom, the bottom of the can being specially reinforced in a manner which will lessen the liability of the bottom becoming distorted from the weight of the contents of the can.

In the accompanying drawings, Figure 1 represents an ash can embodying my invention, the can being shown partly in side elevation and partly in vertical central section, and Fig. 2 is an inverted plan view of the can.

The body of the can is denoted by 1 and its bottom by 2. The bottom 2 is provided with a circumferential depending flange 3, to which the lower end of the body 1 of the can is permanently and rigidly secured. The bottom of the can is reinforced to prevent it from bulging out of shape due to the weight of the contents of the can. This is accomplished by providing cross-straps extending along the under-side of the bottom 2. In the present instance one of these cross-straps 4, extends diametrically across the bottom 2, and has its ends turned downwardly, as shown at 5, 6, and secured to the flange 3 and body 1, by bolts or rivets 7, 8. The cross-straps 9, 10, are located upon opposite sides of a diametric line at right angles to the cross-strap 4, the cross-strap 9 having its ends turned downwardly as shown at 11, 12, and secured to the flange 3 and body 1, by bolts or rivets 13, 14. The cross-strap 10 is similarly provided with downwardly turned ends 15, 16, which are fastened to the flange 3 and body 1, by bolts or rivets 17, 18. This arrangement of the cross-straps serves to materially strengthen the bottom 2 of the can without unduly increasing the weight of the can. The can is provided upon opposite sides of its body with handles 19, 20, and it is further provided at its bottom with a handle 21, which handle in the present instance is shown as fastened to the cross strap 4 and centrally arranged with respect to the bottom of the can, so that it may be readily grasped by the person manipulating the can in dumping the contents thereof, whether the handle 19 or 20 be grasped also by the person.

Casters are swiveled to the cross-straps for facilitating the moving of the ash can when right side up. I preferably provide three of these casters so as to prevent any rocking movement of the can as is liable where four casters are used and one of the casters knocked out of position due to rough usage or from any other cause. Two of these casters 22, 23, are shown as swiveled near the ends of the cross-strap 9 and the other caster 24 is shown as swiveled near the end of the cross-strap 4. It will be seen that these casters are greatly protected by the depending flange 3 of the can, against danger of being broken or otherwise damaged due to the rough usage to which these cans are ordinarily subjected.

It is evident that various changes might be resorted to in the construction, form and arrangement of the various parts without departing from the spirit and scope of my invention; hence I do not wish to limit myself strictly to the structure herein shown and described, but

What I claim is:

1. An ash can comprising a body, a bottom provided with a circumferential depending flange located within said body, three reinforcing straps, one extending diametrically across and adjacent to the bottom and the other two extending across and adjacent to the bottom upon opposite sides of and parallel to a diametric line at right angles to the first named strap for strengthening it, said straps having their ends turned downwardly and secured with the depending flange to the circumferential depending flange of the bottom and the can body, and casters swiveled on certain of said cross straps, said casters being partly protected by said depending flange and can body.

2. An ash can comprising a body, a bottom provided with a circumferential depending flange located within said body, three reinforcing straps, one extending diametrically across and adjacent to the bottom and the other two extending across and adja-

cent to the bottom upon opposite sides of and parallel to a diametric line at right angles to the first named strap, said straps having their ends turned downwardly and secured with the depending flange to the circumferential depending flange of the bottom and the body, a caster swiveled near the end of the first named strap and two casters swiveled near the ends of one of the last named two straps, said casters being partly protected by the depending flange and the can body, and a centrally arranged handle secured to the first named strap.

In testimony, that I claim the foregoing as my invention, I have signed my name in presence of two witnesses, this twenty ninth day of March 1911.

CARL KAISER.

Witnesses:
F. GEORGE BARRY,
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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."