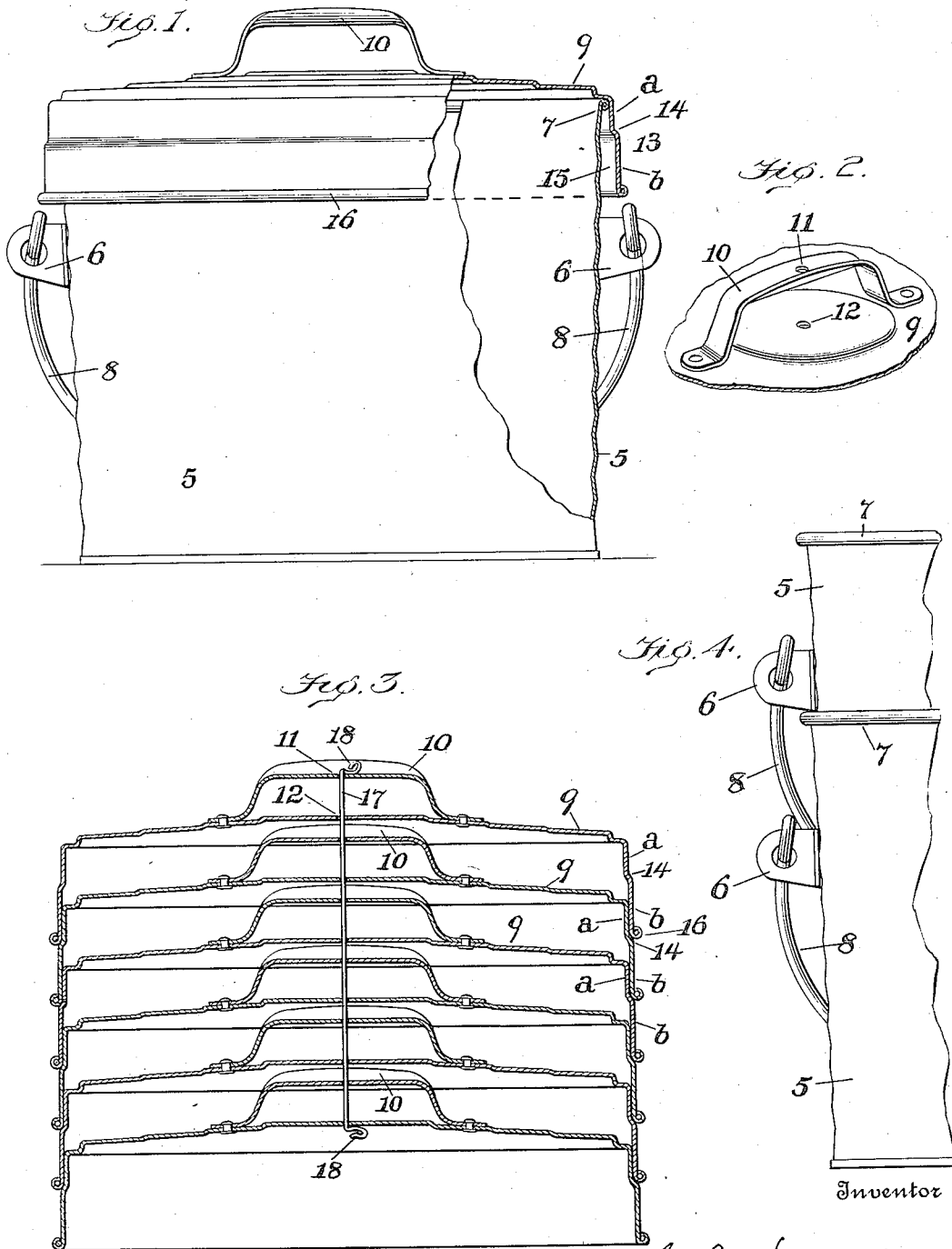


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CYLINDRIC CAN COVER.
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1,077,235.

Patented Oct. 28, 1913.



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CYLINDRIC CAN-COVER.

1,077,235.

Specification of Letters Patent.

Patented Oct. 28, 1913.

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To all whom it may concern:

Be it known that I, CHARLES L. WAGANDT, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Cylindric Can-Covers, of which the following is a specification.

This invention relates to improvements in covered portable cans used for ashes or garbage.

Covered galvanized iron cans of about a half bushel capacity are used for the temporary storage of garbage and ashes of residences. It is a desideratum that covers of such cans shall be easy to remove from the can by a person authorized to do so, but that the cover shall have a construction that will make it a difficult matter, if not an impossibility, for a rat, cat or other animal to remove the cover from its closed position.

One object of this invention is to provide for garbage cans an improved circular cover that will close the entire open top of such cans, and such cover provided with a downwardly-extending flange forming two horizontal sections of different diameters—the upper of said sections having the smaller diameter and fitting snugly around the exterior top rim of the can-body, and the lower one of said two sections having the larger diameter and surrounding the can-body like a skirt and leaving an annular space between the outer surface of said can-body and said lower section, whereby such cover may be readily lifted from the can by a person's hand, but it will be difficult if not impossible for a rat or cat to remove the cover.

Another object is to provide garbage-can covers whose upper surface have rigid handles, with a circumferential downward-extending flange having special provision for "nesting," whereby when a number of such covers are nested together the said rigid handle of any one of the lower covers in the "nest" will not contact with the under surface of the cover that is next above.

The invention is illustrated in the accompanying drawing in which,

Figure 1 is an elevation of a can and cover, partly a side view and partly in section. Fig. 2 is a broken portion of a cover showing handle and holes for binding wire. Fig. 3 is a vertical section of a number of covers "nested" and secured together. Fig.

4 is a side elevation showing part of two garbage cans nested.

The body of the can, 5, is sufficiently tapered to permit "nesting," and in order to prevent one can-body from wedging tight within another, the bail ears, 6, are secured on the outside of the body at the proper point to rest on the top rim, 7, of the next can within which the first one sets and thereby serve as a stop device and prevent wedging. In this nesting of the bodies the bails, 8, offer no hindrance. The top rim, 7, has a round edge on which the top surface of the cover, 9, rests, as seen in Fig. 1.

On its upper side the cover has a loop handle, 10, by which the cover may be readily lifted from the can-body; a hole, 11, is formed in the center of the handle, and the center of the cover also has a hole, 12, directly below the handle.

From the point at the under side of the cover where the rim, 7, of the body contacts, the cover has a downward-extending rim-flange or skirt, 13, which surrounds the upper part of the can-body, 5. This down flange, 13, of the cover is relatively long vertically and is like a skirt around the can-body. The said down-flange or skirt has two sections, *a*, *b*, of different diameters; the upper section, *a*, has the smaller diameter, and the lower section, *b*, has the greater diameter, and an exterior shoulder, 14, is formed between the two sections. It will be seen by reference to Fig. 1, that the top rim, 7, of the can-body snugly fits within the smaller diameter of the upper section, *a*, of the covers' down-flange or skirt; this snug fit of the parts holds the cover from lateral or sidewise movement on the can-body, and prevents any rattle of the cover. The lower section, *b*, of the cover stands off like a skirt from the circular body of the can, leaving an annular space, 15, between the can-body and the inner surface of said lower section. This construction of cover having a relatively long skirt made in two horizontal sections which have different diameters, with a shoulder between, serves two useful purposes; first, the larger diameter of the lower section makes it easy to put on and take off and the long skirt makes it a difficult matter, if not an impossibility, for a rat or a cat to remove or knock the cover from its closed position on the can-body; and second, this

construction provides for nesting the covers in compact form for the purpose of shipment.

I have proportioned the convexity of the upper surface of the cover, the height of the handle, 10, on the cover, and the relative heights of the two sections, *a*, *b*, the lower section being longer in the vertical direction than the upper section so as to insure that when the covers are nested the rim-edge, 16, of one cover will rest on the shoulder, 14, of the cover next below without allowing the handle, 10, of the lower nested cover to contact with the lower surface of the cover that is next above it.

By reference to Fig. 3, the construction that enables the covers to be nested will be understood. It will be seen the lower section, *b*, of one cover with its larger diameter, sets completely over the top of another cover and said larger diameter fits down around the exterior of the upper section, *a*, of the cover below, and the lower rim edge, 16, of one cover rests on the shoulder, 14, of the cover below, and prevents the covers from wedging tightly together. The upper cover conceals the handle, 10, of the cover below. It will also be seen that the several holes, 11, in the different handles, and the several holes, 12, in the different covers, are all in alinement, which permits a wire, 17, to be run or extended through all of said holes—in the present example the holes belonging to six covers—and the ends of said wire are bent as at, 18, to form a knot that prevents the withdrawal of the wire, and thus one piece of straight wire serves to secure a number of covers together in compact form like a bundle for shipment.

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

1. A cylindric covered can, consisting of a can-body having at the upper edge of its wall a rim and the entire top of said can-body open diametrically across the said rim; and a cover that fully closes said open top and provided with a downward-extending flange forming two horizontal sections of different diameters—the upper section having the smaller diameter fitting snugly around the exterior of said upper rim edge of the can-body, and the lower section having the larger diameter and surrounding the can-body like a skirt and leaving an annular space between said lower section and the can-body.

2. An improved cover for can-bodies having a hole through the center of its top and provided on its upper surface with a rigid handle, 10, which has a hole directly over the said center hole in the cover, and said cover provided with a circumferential downward-extending flange or skirt forming two horizontal sections, *a*, *b*, of different diameters, the lower horizontal section, *b*, having the larger diameter and being also longer in the vertical direction than the upper section, *a*, whereby when a number of such covers are nested together the said handle of any lower nested cover will not contact with the under surface of the cover that is next above, and also whereby the said holes of all the nested covers and handles will be in vertical alinement to admit a straight wire to fasten the nested covers together.

In testimony whereof I affix my signature in presence of two witnesses.

CHARLES L. WAGANDT.

Witnesses:

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