To all whom it may concern:

Be it known that I, ARTHUR R. SVENSON, a citizen of the United States, residing at
Richmond Hill, in the county of Queens and
State of New York, have invented new and
useful Improvements in Cans and Closures
therefor, of which the following is a speci-
fication.

An object of the invention is to provide
a can and closure therefor and in which
the closure will be normally held in locked re-
solution to the can and can be quickly re-
moved and as easily replaced thereon.

The invention contemplates, among other
features, the provision of a can which is
preferably used as a garbage receptacle or
the like and which is provided with a closure
adapted to be normally locked thereon as so
to prevent dogs, cats or other animals from
gaining access to the interior of the can.

Still further embodiments of the inven-
tion reside in a can and closure in which,
when the bottom constitutes a garbage recep-
tacle, the closure can be readily removed and
as readily replaced and is so constructed and
formed that it will stand a lot of wear and
tear without danger of having the closure
bent or mutilated to such an extent as
would prevent it being locked upon the can
or receptacle.

In the further disclosure of the invention
reference is to be had to the accompanying
drawings, constituting a part of this speci-
fication, in which similar characters of ref-
erence denote corresponding parts in all the
views, and in which:

Figure 1 is a fragmented vertical sec-
tional view taken through the can and clo-
sure, with the full lines indicating the loced
position of the parts and the dotted lines
the unlocked portion thereof; Fig. 2 is a
vertical transverse sectional view taken on
the line 2–2 in Fig. 1; and Fig. 3 is a hori-
zontal sectional view taken on the line 3–3
in Fig. 1.

Referring more particularly to the views,
I provide a can body 10 which, adjacent its
upper end 11, is provided with diametrically
opposed openings 12, the upper end or edge
being rounded in the nature of a bead and
which construction is usually found on
cans such as are used for the reception of
garbage or the like.

The closure member 13 is adapted to be
placed over the can body 10 to close the
same and the said closure member is pro-
vided with the usual handle 14 and, fur-
thermore, has a plurality of slots 15 formed
in the top thereof, said closure member also
having a depending circular flange 16 form-
ing the periphery of the closure member and
which is adapted to encircle the top of the
can body when the closure member is ap-
piled thereto.

Secured to the under side of the closure
member 13 are a plurality of U-shaped
straps or supports 17 provided with open-
ings 18 and forming bearings to slidingly
support locking bars 19 which are adapted
to have their free ends passed through the
openings 12, said locking bars being ar-
ranged radially with respect to the closure
member. A spring-like U-shaped operat-
ing member 20 preferably made of a band
spring wire has a cross piece 21 thereof
adapted to lie adjacent to the handle 14 of
the closure member and exteriorly of the
closure member, with sides 22 of the oper-
ating member passing through the slots 15
and having the free ends thereof passing
through wire-like loops 23 secured to the
inner ends of the locking bars 19, said sides
being arranged to slidably pass through the
loops to insure the proper operation of the
locking members as will be hereinafter set
forth. Now when the closure member is in
locked position on the can body it will be
seen that the free ends of the locking bars
pass through the openings 12 and thus hold
the closure member against removal. When
it is desired to remove the closure member
the handle 14 of the closure member is op-
erated and at the same time an upward pres-
Sure is exerted on the cross piece 21 of the
operating member 20, thus causing the sides
22, on account of the spring-like action of
the operating member, to move toward each
other and exert a pull on the locking bars
19 to move the same out of the openings 12,
thereby permitting the removal of the clo-
sure member with respect to the can body.
Now it will be seen that when it is desired to
replace the closure member it is first neces-
sary to pull upwardly on the cross piece 21
in order to move the free ends of the locking
bars out of the vertical plane of the sides
of the can body and then after the closure
member has been applied to the can body,
the upward pressure is released on the op-
erating member, thus through the spring-
like action of the operating member causing
a sufficient pressure to be exerted on the

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ARTHUR R. SVENSON, OF RICHMOND HILL, NEW YORK.

CAN AND CLOSURE THEREFORTH.

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locking bars to again move the same through the openings 12 in the can body, thereby locking the closure member on the can body. It will be particularly noted that the ends of the U-shaped spring will abut against the projections on the straps, thus limiting the downward movement of the spring, as it is evident that if the spring on the outside of the cover drops low enough, in opening the can, one would put his fingers between the handle and the spring instead of under the spring and thereby would not be able to open the can.

From the foregoing description it will be apparent that the device described is of a simple construction and, as mentioned heretofore, is particularly adaptable for use on garbage receptacles and the like.

It will be understood that various departures may be made from the construction set forth in the drawing without departing from the spirit of the invention and that the scope of the invention is defined by the appended claims.

Having thus described my invention, I claim:

1. A closure for a can body comprising a closure member adapted to be placed upon the can body, a spring like operating member movable on the closure member and having portions extending into the can body when the closure member is applied thereto, straps depending from the underside of the closure member and formed to provide stop lugs, said stop lugs being normally engaged by the operating member to limit its downward movement upon the closure body, and locking bars mounted to slide upon the straps and engaged by the free ends of the operating member whereby said locking bars will be moved into or out of engagement with said can body when the operating member is actuated.

2. A closure for a can comprising a closure member, straps depending from the closure member, with a plurality of said straps formed with angular portions providing stop lugs, locking bars mounted to slide on said straps and movable into and out of engagement with the can, and a spring like operating member mounted to slide on the can body and having angularly formed ends extending into the can body when the closure member is in position thereon, said angularly formed ends being connected with said locking bars to actuate the same and adapted to be limited in their movement by said stop lugs.

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

ARTHUR R. SVENSON.

Witnesses:

Edwin A. Svenson,
Conan C. Svenson.