

(Model.)

S. W. VALENTINE.

SHEET METAL CAN.

No. 267,383.

Patented Nov. 14, 1882.

Fig. 1,

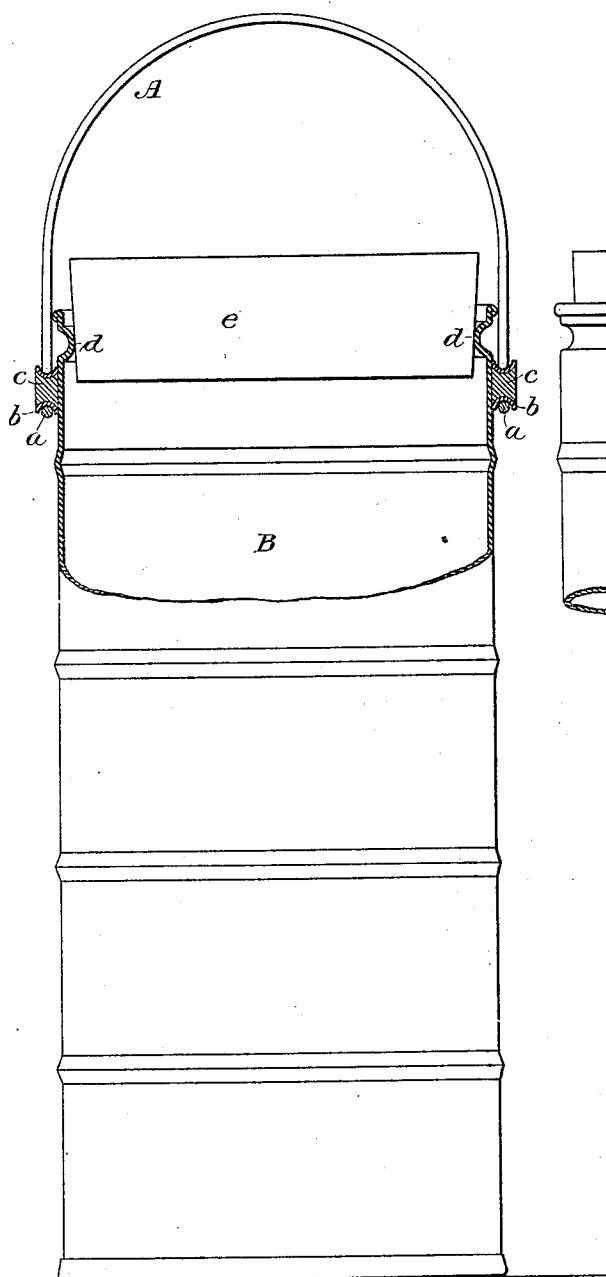


Fig. 3,

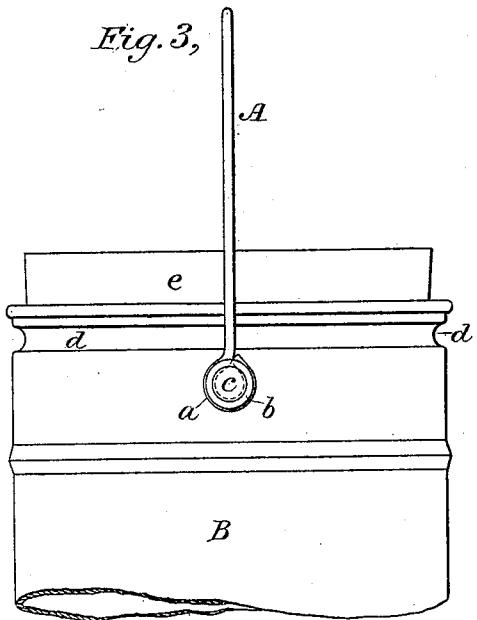
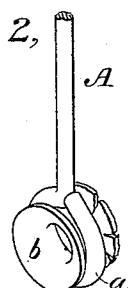


Fig. 2,



WITNESSES

Wm A. Skinkly.
Geo W. Breck.

INVENTOR

Samuel W. Valentine,
By his Attorney
Marcellus Bailey

UNITED STATES PATENT OFFICE.

SAMUEL W. VALENTINE, OF BOSTON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF TO RUFUS S. MERRILL, OF SAME PLACE.

SHEET-METAL CAN.

SPECIFICATION forming part of Letters Patent No. 267,383, dated November 14, 1882.

Application filed January 23, 1882. (Model.)

To all whom it may concern:

Be it known that I, SAMUEL W. VALEN-
TINE, of Boston, Suffolk county, Massachu-
sets, have invented certain new and useful Im-
5 provements in Sheet-Metal Cans, of which the
following is a specification.

My improvements are directed to means for
attaching a bail or handle to the body of a
sheet-metal can. These means can best be ex-
10 plained and understood by reference to the
accompanying drawings, in which—

Figure 1 is a longitudinal central section of
a can embodying my improvements, the line
15 of section passing through the points at which
the bail is attached to the can. Fig. 2 is an
enlarged perspective view of one of the bail
ends detached and holding an upset eyelet.
Fig. 3 is an external view of the upper end of
the can.

20 To attach the bail or handle to the can I pro-
ceed as follows: The bail A is made of wire,
provided at each end with a cylindrical eye, a,
formed preferably by bending the end of the
bail. Into each eye is inserted an eyelet, b, of
25 proper size, and after this is done the un-
flanged end of the eyelet is upset by any suitable
tool to such an extent as to prevent the
eyelet from coming out, but not enough to
prevent it from revolving freely in the eye.
30 The bail is then applied to the can B so as to
bring its eyeleted ends to the position in which
they are to be on the can, and the eyelets are
then firmly secured to the can-body by solder
e, which is dropped or otherwise inserted into
35 the interior of each eyelet. It is in this com-
bination of the bail, the eyelets, the can, and

the solder filling that my invention resides.
I in this way secure the bail in place without
perforating the can-body. The solder filling
not only unites the eyelet to the can, but fills 40
the interior of the eyelet, and the eyelets thus
constitute in effect solid pins, which furnish a
strong bearing on which the bail can turn.

The device, as a whole, is cheap, simple, ef-
fective, and involves but little time or labor 45
in its application.

In the can-body, at a point just below its
mouth or upper end, is an internally-project-
ing bead, d, made by grooving the can-body
by means of a suitable beading-tool, as will be 50
readily understood. This internally-project-
ing concavo-convex bead constitutes the seat
for a stopper, e, of wood or other material
possessing similar characteristics in the re-
spect of being non-elastic and comparatively 55
non-compressible, the object being that the
stopper, when inserted in place, shall partly
pass down through the opening bounded by
the bead d, and shall have contact only with
the crowning portion of the bead, which con- 60
stitutes the bearing for the stopper, as shown
in the drawings.

What I claim herein as of my invention is—

The combination of the bail, the can, the
eyelet-bearings, and the solder filling, as and 65
for the purposes set forth.

In testimony whereof I have hereunto set
my hand this 9th day of January, 1882.

S. W. VALENTINE.

Witnesses:

N. BAILEY,
E. A. DICK.