No. 762,557. PATENTED JUNE 14, 1904.

H. O. REESE.

SHEET METAL CAN.

APPLICATION FILED MAR. 2, 1901.

NO MODEL.

FIG. 1.

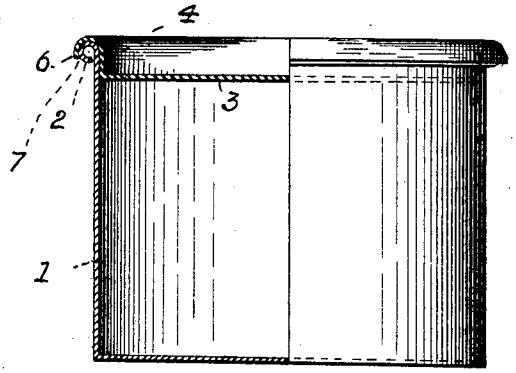


FIG. 2.

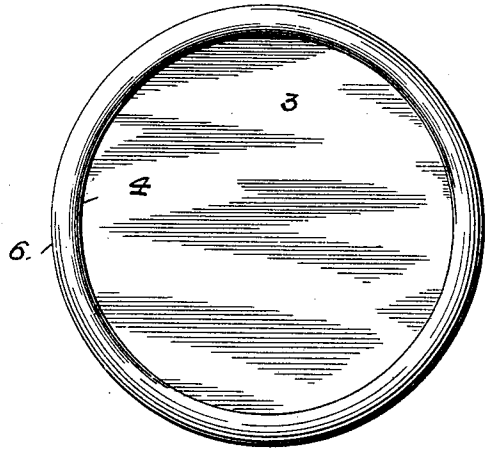
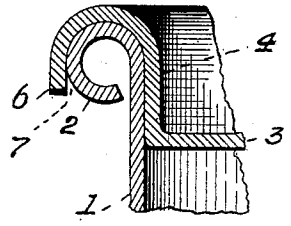


FIG. 3.



WITNESSES:—

A. O. Babendreier

Estep & Gott

INVENTOR:—

Henry O. Reese,

by Wm. H. J. Howard,

Atty.

PHOTO-LITHO., WASHINGTON, D. C.

No. 762,557. Patented June 14, 1904.

UNITED STATES PATENT OFFICE.

HENRY O. REESE, OF BALTIMORE, MARYLAND.

SHEET-METAL CAN.

SPECIFICATION forming part of Letters Patent No. 762,557, dated June 14, 1904.

Application filed March 2, 1901. Serial No. 49,547. (No model.)

To all whom it may concern:

Be it known that I, HENRY O. REESE, of the city of Baltimore and State of Maryland, have invented certain Improvements in Sheet-Metal Cans, of which the following is a specification.

This invention relates to certain improvements in a sheet-metal can adapted to hold paints and other viscous or semifluid substances which adhere to its inner surface and have to be removed by scraping, the viscidity of the material not allowing of the can being entirely emptied of its contents by pouring.

The said invention consists in a cylindrical sheet-metal can-body having its inner surface devoid of any projections which will interfere with the cleansing of the same by means of a knife or other straight instrument and provided with an external compressible bead, with which is combined a recessed lid fitting closely against the inner surface of the said body and having a flange which passes around and clamps the external compressible bead, as will hereinafter fully appear.

In the further description of the said invention which follows reference is made to the accompanying drawings, forming a part hereof, and in which—

Figure 1 is a vertical central half-section of the improved can. Fig. 2 is a top view of the same. Fig. 3 is an enlarged sectional view of a part of the can.

Referring now to the drawings, 1 is the can-body, provided with the external bead 2 in order that the inner wall of the body may be flush and easily cleansed of adhering matter. The bead 2 is open or not entirely closed, as shown particularly in Fig. 3, so that it may have some elasticity, and therefore be subject to slight compression in the attachment thereto of the flange of the lid.

3 is the disk of the lid, and 4 the vertical cylindrical portion of the flange of the same which bears against the inner surface of the body.

The part of the flange of the lid which is above the vertical or straight portion 4 fits over and around the compressible bead 2 and terminates in a cylinder 6, the edge of which extends below the center of the bead to produce the annular channel 7 for the reception of solder if a hermetic seal or joint is to be formed.

From the foregoing description it will be understood that a nearly air-tight joint is effected between the lid and the can-body in view of their extensive contact-surfaces and the compression of the open external bead in the act of closing the can. The joint may be made absolutely air-tight by the addition of solder introduced into the annular channel 7.

I claim as my invention—

1. The combination of a can having an exterior annular open bead, an unobstructed inner surface throughout the inner depth, a cover having a recess and a depending flange that is forced over the open bead whereby it forms a sealing contact substantially as described.

2. The combination of a can having an exterior annular open bead, an unobstructed inner surface throughout its depth, a cover having a depending flange which when forced down over the open bead forms a sealing contact substantially as described.

HENRY O. REESE.

Witnesses:
WM. T. HOWARD,
OREGON MILTON DENNIS.