J. W. MASURY.

Can or Package for Paint.

No. 207,190. Patented Aug. 20, 1878.

Fig. 1.

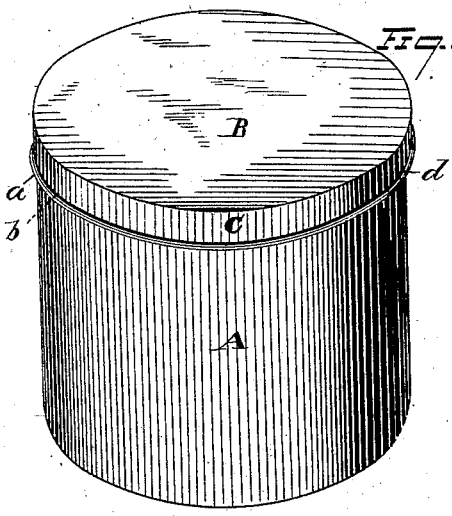


Fig. 2.

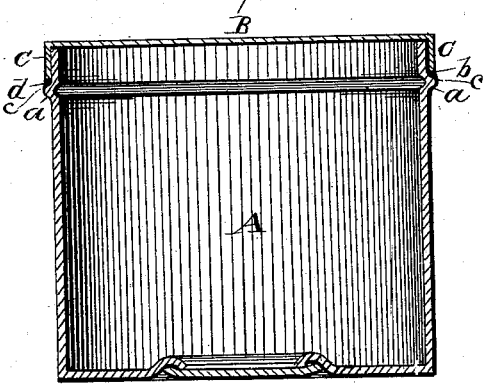
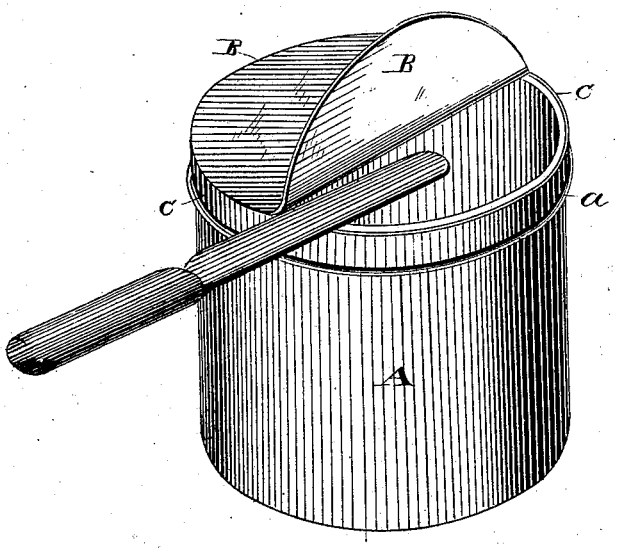


Fig. 4.



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2 Sheets—Sheet 2.

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Fig. 3.

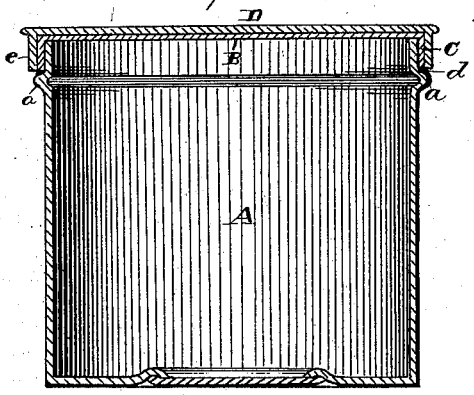


Fig. 5.

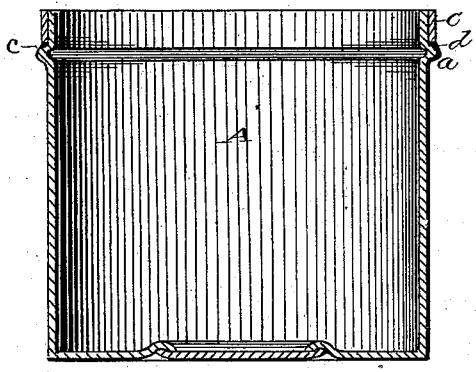
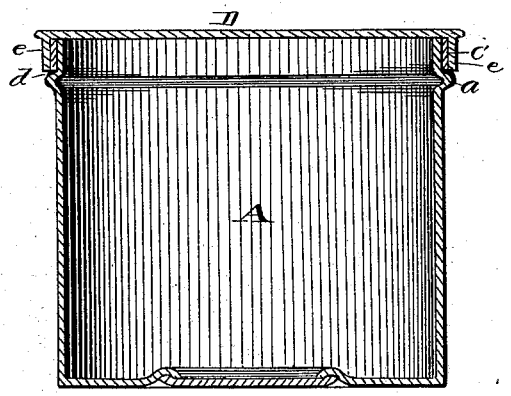


Fig. 6.



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UNITED STATES PATENT OFFICE.

JOHN W. MASURY, OF NEW YORK, N. Y.

IMPROVEMENT IN CANS OR PACKAGES FOR PAINTS.

Specification forming part of Letters Patent No. **207,190**, dated August 20, 1878; application filed August 1, 1878.

To all whom it may concern:

Be it known that I, JOHN W. MASURY, of New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Cans or Packages for Paints, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in cans or packages for paints and other substances, the object being to provide a can or package of such construction that it may be rendered perfectly air-tight to preserve its contents from deterioration or waste; and to that end my invention consists, first, in a can or package for paints or other substances, the combination, with the body of the can provided with a bead near its open end, of a cup-shaped soft-metal top, the depending flange or rim of which is plain and extends down over the upper edge of the body of the can, and is united to the outer surface thereof by a soldered joint located between the lower edge of the flange or rim and the upper shoulder of the bead on the body of the can.

My invention further consists in the combination, with a can or package provided with a bead near its open end, of a cup-shaped soft-metal top having a plain depending flange, the lower edge of which is soldered to the upper shoulder of the bead on the can, and a slip-cover that extends down over the plain flange of the soft-metal top.

In the accompanying drawings, Figure 1 is a view, in perspective, of my improved can or package. Fig. 2 is a vertical section of the same. Fig. 3 is a vertical section of the can provided with a slip-cover. Fig. 4 represents the can with the soft-metal top partly removed therefrom. Fig. 5 shows the can after the soft-metal top has been removed therefrom; and Fig. 6 is a vertical section of the can or package with the soft-metal top removed and a slip-cover applied to the can or package.

A represents a can or package of any desired shape and size, which is provided with a bead, near its open end. B is a soft-metal top, formed of a single piece of taggers tin or other sheet-metal stock possessing the requisite characteristics for such use. The soft-metal top B is furnished with a plain depending flange or rim, C, which snugly fits the exterior surface of the can above the bead *a*, the lower edge, *b*, of the flange or rim resting upon the upper shoulder, *c*, of the bead, and is united thereto by a soldered joint, *d*, which is located in the annular groove or gutter formed between or at the juncture of the edge of the flange or rim and the upper shoulder of the bead *a*. This method of uniting the soft-metal top to the can at a point below the upper edge of the latter prevents any solder from flowing onto the upper or flat portion of the soft-metal top, and hence no obstruction is offered by the solder to the free passage of a knife in severing the top to gain access to the interior of the can, and again the bead forms a shoulder to receive the solder and prevent the latter from running, so that a minimum quantity of solder serves to form a perfect joint.

D is a slip-cover of ordinary construction, the flange *e* of which is adapted to snugly fit over the plain depending flange or rim C of the soft-metal top. The cover D serves a threefold purpose: First, it serves to protect the soft-metal top when *in transitu*, and prevents it from being punctured or severed, and thus obviate the deterioration or waste of the contents of the can or package; second, it serves to impart additional strength to the body of the can, and enables it to withstand increased lateral pressure, thus preventing it from being jammed and insuring better protection to the soldered joint and the seam in the body of the can; and, third, it serves to prevent the oxidation or evaporation of the contents of the can after the soft-metal top has been removed.

When it is desired to open the can or package and remove the contents therefrom, a knife or other sharp-pointed instrument is forced through the top near its flange, and then by turning the cutting-instrument over so that the blade will rest upon the upper edge of the body of the can, as shown in Fig. 4, the top may be neatly severed, leaving the severed edge of the flange of the soft-metal top flush or on a plane with the upper edge of the body of the can or package, as illustrated in Figs. 5 and 6. Ac-

cess may be then had to the interior of the can or package, and by replacing the slip-cover, as shown in Fig. 6, the remaining contents are preserved from any deterioration or waste.

It will be observed that the soft-metal top does not extend above the body of the can, but is forced down against the upper edge thereof, so that the entire width of the flange is reenforced and strengthened by the backing afforded by the body of the can. The flange is formed without any bead or joint, in order that the slip-cover may be forced over the same and securely retained in place.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A can or package for paints or other substances consisting, essentially, in the combination, with a can-body provided with a bead near its open end, of a soft-metal top having a plain depending flange, the lower edge of which is soldered to the upper shoulder of the bead on the body of the can, substantially as set forth.

2. The combination, with a can-body provided with a bead near its open end, of a soft-metal top having a plain depending flange, the lower edge of which is soldered to the upper shoulder of the bead on the can, and a slip-cover, which snugly fits over the plain depending flange of the soft-metal top, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 24th day of July, 1878.

JOHN W. MASURY.

Witnesses:
THOS. B. HALL,
A. W. BRIGHT.