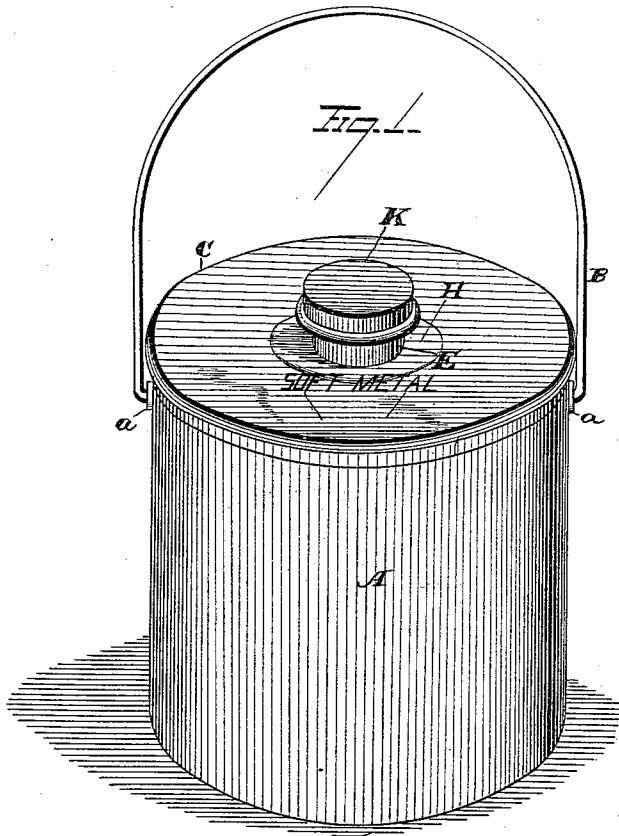
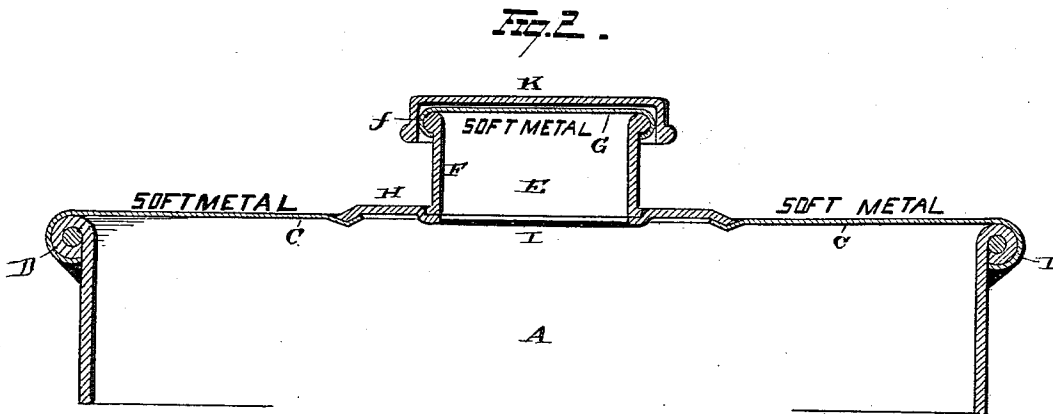


J. W. MASURY.
Metallic-Package for Paint, &c.

No. 226,180

Patented April 6, 1880.



WITNESSES
E. J. Nottingham
J. M. O'Leary,

INVENTOR
John W. Masury.
By H. A. Symonds.
ATTORNEY

UNITED STATES PATENT OFFICE.

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

METALLIC PACKAGE FOR PAINTS, &c.

SPECIFICATION forming part of Letters Patent No. 226,180, dated April 6, 1880.

Application filed February 6, 1880.

To all whom it may concern:

Be it known that I, JOHN W. MASURY, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Metal Packages for Paints, Varnishes, &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 metal packages for paints, varnishes, &c.

The object of the invention is to provide a package which shall be especially adapted for semi-liquid paints, which dry very rapidly upon exposure to the air and adhere in considerable quantities to the sides or inner surfaces of the containing-package; and to this end my invention consists, first, in a hard-metal can provided with a soft-metal top soldered to the outer surface of the upper end of the hard-metal can, said soft-metal top composed of sheet metal which may be readily severed with a knife, said soft-metal top having a hard-metal nozzle connected therewith, whereby the main portion of the contents of the package may be poured from the nozzle, while access may be readily had to the interior of the package for the removal of that portion of the contents which has adhered to the sides or inner surfaces of the can or package by severing the soft-metal top from the end of the package.

My invention further consists in certain details of construction and combinations of parts, as will hereinafter be described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a view, in perspective, of my improved package; and Fig. 2 is a vertical section of the same.

A represents a metal can of any desired form and size, and made of hard metal—such, for instance, as tin-plate—and provided with a bail, B, the ends of which are secured within the bail-ears *a a*, attached to the upper portion of the can.

To the upper and open end of the can is

secured a soft-metal top, C, composed of taggers tin or equivalent soft metal, the outer edge of which is turned downwardly beneath the wired edge D and soldered to the outer surface of the can.

The wired upper edge, D, imparts the requisite strength to the package to resist lateral or crushing strains, to which the cans are subjected in transportation, and thus preserves the soft-metal top intact, and further furnishes a groove for the reception of the solder for uniting the outer edge of the soft-metal top with the outer surface of the can or package.

To the central portion of the soft-metal top is secured the hard-metal nozzle E, which latter is made of hard brass or equivalent hard metal, and is constructed and secured in place as follows: F is the hard-metal tube or barrel of the nozzle, and is outwardly flared, as at *f*, at its upper end, which is closed by a soft-metal nozzle-top, G, made of thin taggers tin or equivalent material, by turning the outer edge of the latter downwardly and beneath the outwardly-flaring edge *f* of the nozzle-tube. The lower end of the tube or cylinder F is soldered to an annular metallic ring or plate, H, which is made of hard metal—as, for instance, of tin-plate—and is, in turn, soldered to the soft-metal top, a central opening, I, having been formed therein for the annular base-plate of the nozzle. K is a hard-metal cap, made of tin-plate or equivalent hard metal, which fits over the top of the nozzle and preserves the soft-metal top secured thereto.

It will be observed that packages constructed in accordance with my invention are strong and durable, as the soft-metal top of the can is firmly secured to the wired edge, and the nozzles are firmly held in place, owing to the extended bearing furnished them on the soft-metal top.

To remove the contents of the can it is simply necessary to remove the hard-metal cap from the nozzle, and then sever the soft-metal cap from the nozzle by a knife or can-opener.

The outwardly-flaring upper edge of the nozzle furnishes a smooth bearing for a knife in the removal of the soft-metal cap. The semi-liquid contents of the can or package can then

be poured from the nozzle as desired for use. After the fluid or semi-fluid portion of the contents has all been poured from the nozzle that portion which has adhered to the sides or inner surfaces of the package may be removed and utilized by severing the soft-metal top, thereby affording ready access to the interior of the can or package. The can then constitutes a serviceable paint-bucket, as it is provided with a bail and smooth upper wired edge.

While I have described and illustrated my preferred construction of package embodying my invention, it is evident that the same invention may be embodied in other forms and constructions of packages—as, for instance, in my preferred construction of package the nozzle is located at the center of the soft-metal top, so that the contents of the package may be readily stirred by a stick inserted through the nozzle; but instead of locating the nozzle at the central part of the soft-metal top it may be placed at one edge thereof, if desired. The soft-metal cap for the nozzle may be dispensed with and a screw-cap substituted therefor; and, again, the soft-metal top may be secured in different ways to the upper end of the package or can. Again, instead of having the nozzle project above the soft-metal top, the latter may be made imperforate, and a telescopic nozzle secured to the under side thereof. By cutting an opening in the central portion of the soft-metal top the nozzle may be pulled out to allow liquid contents of the package to be poured therefrom.

The nozzle may be provided with a bayonet-lock to retain it in its raised position when adjusted for use.

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

1. A hard-metal can or receptacle having a soft-metal top secured at its outer edge to the outer surface of the upper end of the hard-metal can, and a hard-metal nozzle secured to the soft-metal top, substantially as and for the purpose set forth.

2. The combination, with a hard-metal can having an upper wired edge and a soft-metal top soldered to said wired edge, of a hard-metal nozzle secured to the soft-metal top, substantially as and for the purpose set forth.

3. The combination, with the soft-metal top of a hard-metal package, of a hard-metal nozzle provided with an enlarged or extended hard-metal base, which is secured to the soft-metal top, substantially as and for the purpose set forth.

4. The combination, with the soft-metal top of a hard-metal package, of a hard-metal nozzle secured to said soft-metal top, said nozzle provided with a soft-metal top or cap, substantially as and for the purpose set forth.

5. The combination, with the soft-metal top of a hard-metal package, of a hard-metal nozzle provided with a soft-metal top or cap and a hard-metal cap secured to the end of the nozzle, substantially as and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 2d day of February, 1880.

JOHN W. MASURY.

Witnesses:

JACOB I. BERGEN,
JOHN D. SNEDEKER.