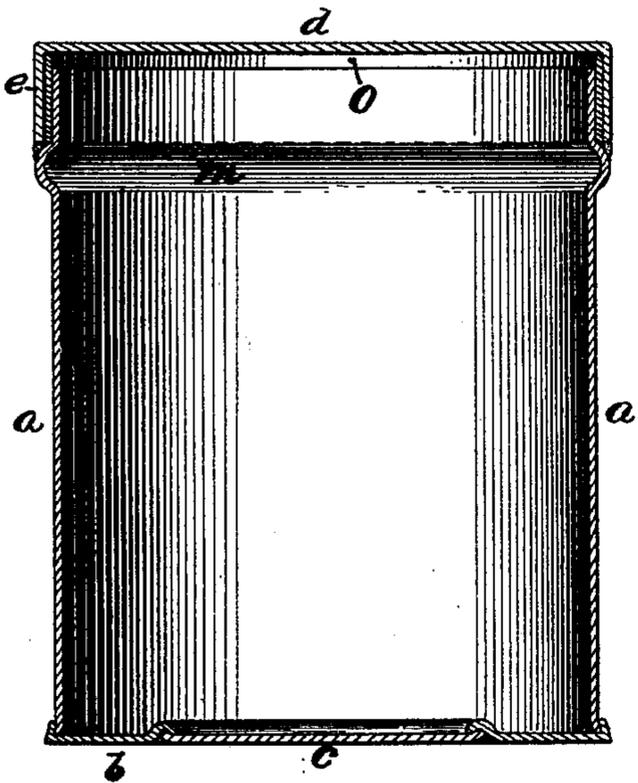


C. GREEN & W. WILSON, Jr.  
Sheet-Metal Can.

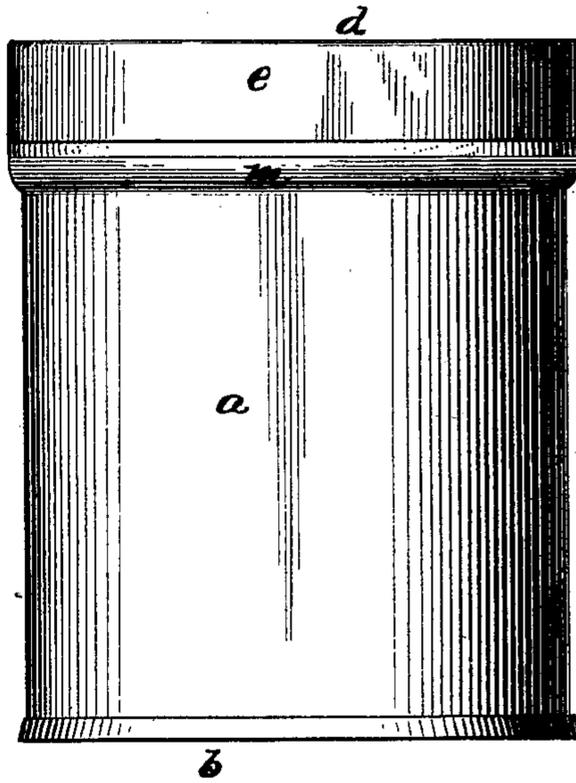
No. 220,022.

Patented Sept. 30, 1879.

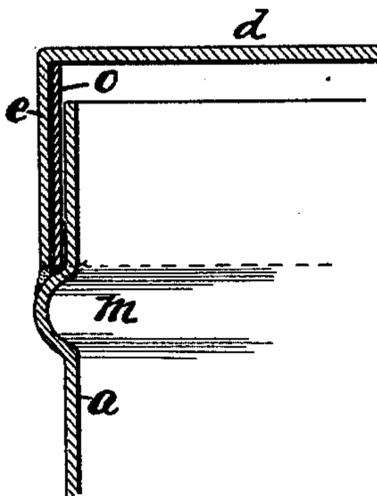
*Fig. 1*



*Fig. 2*



*Fig. 3*



Attests  
*John Dolley Jr.*

Inventors  
Charles Green  
William Wilson Jr.  
By their Attorneys  
*Wm C Strawbridge*  
*Bonsall Taylor*

# UNITED STATES PATENT OFFICE.

CHARLES GREEN AND WILLIAM WILSON, JR., OF WILMINGTON, DELAWARE.

## IMPROVEMENT IN SHEET-METAL CANS.

Specification forming part of Letters Patent No. 220,022, dated September 30, 1879; application filed May 29, 1878.

*To all whom it may concern:*

Be it known that we, CHARLES GREEN and WILLIAM WILSON, Jr., of the city of Wilmington, county of New Castle and State of Delaware, have invented an Improvement in Sheet-Metal Cans, of which the following is a specification.

This invention is available in cans for holding paints, preserves, solids, or liquids from which the atmosphere is to be excluded. We make use of a soldered joint that is easily broken by pressure upon the end of the can.

In the drawings, Figure 1 is a section of the can complete. Fig. 2 is an elevation of the same, and Fig. 3 is a section of a portion of the can and cover in enlarged size.

The body of the can is of any desired size or shape. The sides *a* and bottom *b* are united firmly together. If the can is used for holding liquid or semi-liquid materials it is preferable to solder on the cover, as hereinafter described, and to fill the can, while in an inverted position, through the perforated bottom, and then solder on the disks *c*, as has heretofore been done.

The opening might be in the cover instead of the bottom.

The cover *d* is made with a rim, *e*, either out of one piece of sheet metal or out of two, as heretofore usual.

It is to be understood that the lid may be placed with the inner surface against the end of the can, or it may be placed so that a space of an eighth of an inch, more or less, is left at this place, as shown, with the result in either case, when the cover is driven down upon the can by a hammer or pressure, the edge of the sheet-metal rim breaks away from the body, the solder being cut or broken by the inclosed metal band *o*, and thereby the cover

is liberated, so that it can be put on and taken off easily.

A groove at *m* may be used to indicate the position of the edge of the cover.

To aid in supporting the edge and insuring a separation of the solder, especially with thin metal, we make use of an inclosed ring or band, *o*, of any stiff material, but preferably of sheet-iron, so that the solder will not adhere to the same. This band sustains the pressure upon the cover, and causes the separation at the edge of the rim when pressure is exerted upon the top of the can.

We are not the original or first inventors or discoverers of a sheet-metal can provided with an interspace between the cover and body of the can, the two being united by a frangible joint for the purpose of opening the can by directly-applied vertical force; nor of such a construction when the rim of the can turns against the body and is soldered thereto only at or near its turned edge.

We claim as our invention—

1. The sheet-metal cover for a can, made with a rim parallel, or nearly so, with the body of the can, in combination with and inclosing a stiff metal band, *o*, as and for the purpose set forth.

2. The separate band *o*, introduced between the soldered rim *e* of the can-cover and the body of the can, and extending from the soldered joint to cover *d*, or nearly so, for the purposes and substantially as set forth.

In testimony whereof we have hereunto signed our names this 21st day of May, 1878.

CHARLES GREEN,  
WM. WILSON, JR.

In presence of—

DAVID G. FUREY,  
ROBERT LEITHEUTT.

W. S. O.