G. W. SIMPSON.
Butter-Can.

No. 205,309. Patented June 25, 1878.

Fig. 1.

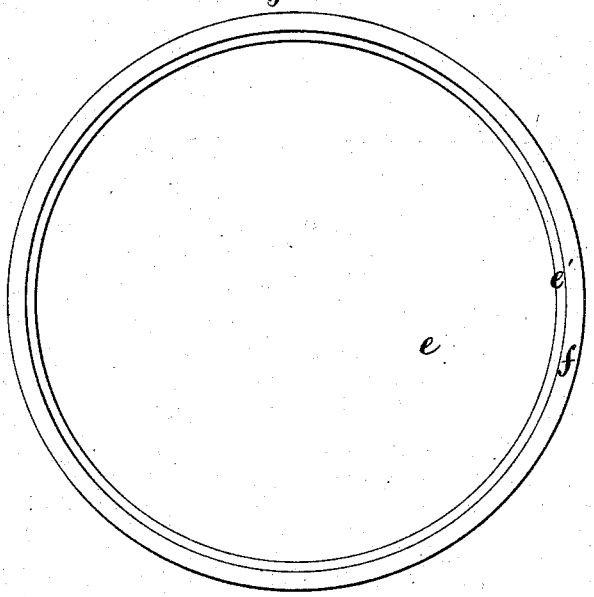



Fig. 2.

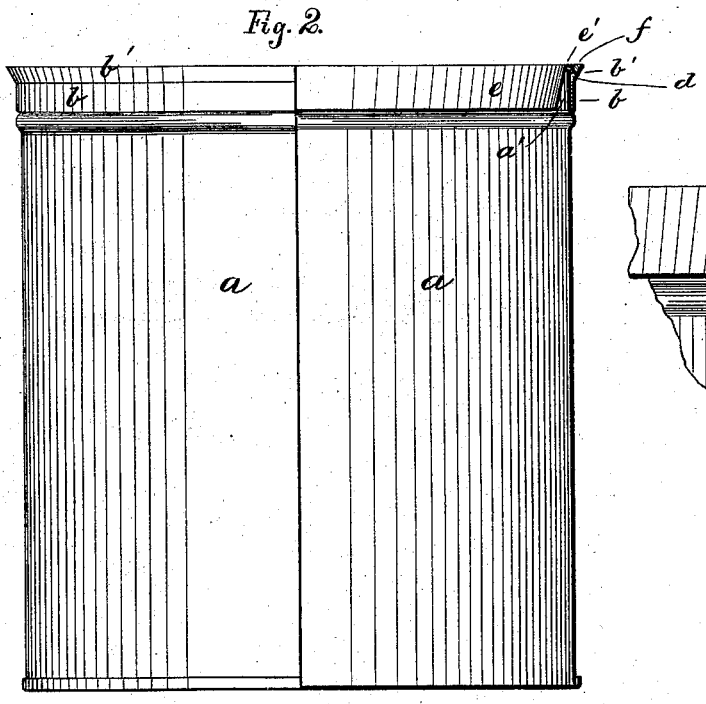
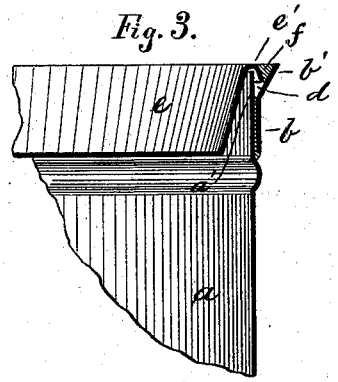



Fig. 3.

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# UNITED STATES PATENT OFFICE.

GREENLIEF W. SIMPSON, OF SOMERVILLE, MASSACHUSETTS.

## IMPROVEMENT IN BUTTER-CANS.

Specification forming part of Letters Patent No. **205,309**, dated June 25, 1878; application filed June 7, 1878.

*To all whom it may concern:*

Be it known that I, GREENLIEF W. SIMPSON, of Somerville, in the county of Middlesex and State of Massachusetts, have invented a new and useful Improvement in Butter-Cans, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

My invention relates to improvements in butter-cans for the purpose of hermetically sealing butter in cans for transportation or otherwise; and this my improved can is so constructed as to enable the same to be soldered and sealed without melting the contents thereof.

The cover can easily be removed, when access is to be had to the butter within the can, simply by removing a band surrounding the can at its upper end.

My invention is carried out as follows: Around the upper end of the can I solder a metallic band, provided with an outward-flaring edge or rim at its top, by which an annular groove is formed at the junction of the top of the can and the said flaring rim or band, in which groove the upper annular lip of the cover is made to rest; and when ready to be sealed the said upper groove is filled with melted solder, either by laying in said groove a wire solder, that is afterward heated in the usual way, or by means of filling said groove with solder in any of the ordinary ways.

The cover itself is made in "sink" shape—that is, its flat surface is carried down below its upper annular lip—so as to prevent the butter in the can from extending up to the groove at the top where the can is soldered, and thus enabling the can to be soldered at the junction of the cover without melting the butter within the can.

Another advantage of this invention is that the cover is not defaced or damaged at all when the top of the can is unsealed, as this is done, as aforesaid, simply by removing the outer annular metallic band, when the cover is easily removed from the mouth of the can, leaving the latter entirely exposed and open, so that every part of the interior of the can may be reached. The top of the can may at any time be closed simply by placing the cover thereon in its original position.

On the accompanying drawing, Figure 1 represents a plan view of my improved can. Fig. 2 represents at the left hand an external view and at the right a longitudinal section. Fig. 3 represents an enlarged section of the upper portion of the can and cover.

Similar letters refer to similar parts wherever they occur on the drawing.

*a* is the cylindrical can, and *a'* its upper annular edge. *b* is the outer annular metallic band, with its upper annular flaring edge *b'*, as shown. *d* is the annular groove at the junction of the parts *a'* and *b'*, as set forth. *e* is the sink-cover, with its downward-projecting lip *e'* in its upper end, as shown. *f* is the solder filling up the groove *d* at the junction of the annular edge *b'* of the band *b* and annular lip *e'* of the cover *e*, as seen in Fig. 3.

Having thus fully described the nature and construction of my invention, I wish to secure by Letters Patent and claim—

The herein-described butter-can *a a'*, with its outer flaring band *b b'* secured at the top, and sink-cover *e*, with its annular projecting lip *e'* resting in the annular groove *d* and united by the solder *f*, as and for the purpose set forth.

GREENLIEF W. SIMPSON.

Witnesses:
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