

L. W. HEMP & J. Z. SKINNER.

Improvement in Oil-Cans.

No. 128,394.

Patented June 25, 1872.

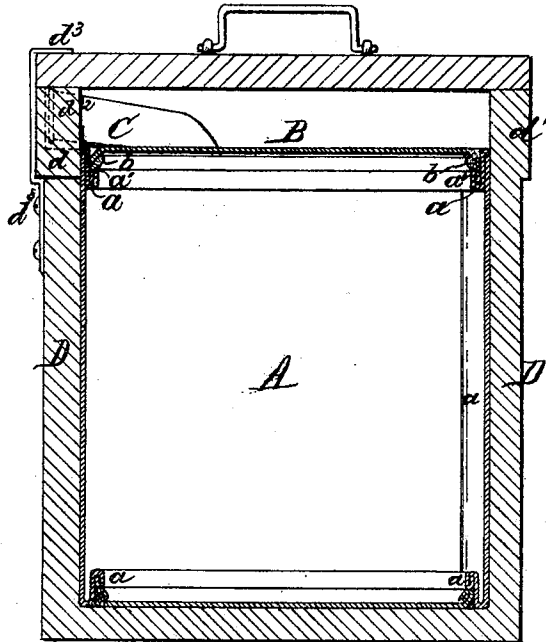


Fig. 1.

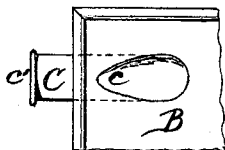


Fig. 4.

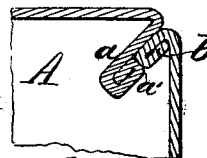


Fig. 3.

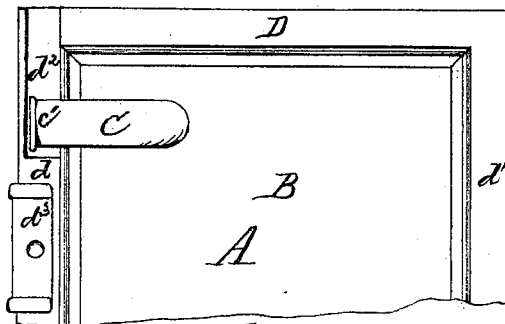


Fig. 2.

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UNITED STATES PATENT OFFICE.

LEWIS W. HEMP AND JOHN Z. SKINNER, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN OIL-CANS.

Specification forming part of Letters Patent No. 128,394, dated June 25, 1872.

To all whom it may concern:

Be it known that we, LEWIS W. HEMP and JOHN Z. SKINNER, both of St. Louis, county of St. Louis, and State of Missouri, have made a certain new and useful Improved Oil-Can; and we do hereby declare that the following is a full and true description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

In the formation of oil and similar cans the same are usually square-shaped, with projecting inner edges or seams, which are soldered to support the cover and bottom and give strength to edges and corners, and otherwise add durability to the can; also, said oil-cans are incased in a box, having nozzle on top.

In contradistinction to the lock or seams ordinarily used, the improvement here shown consists: First, in forming the inner edges or seams to consist of a triple lock or double lock formed to produce a shoulder which supports the bottom or cover of can, possessing better advantages for soldering and giving strength, and especially applicable for square and round work. Secondly, in providing the cover of the can with a horizontal projecting nozzle of such a nature as to create its own vent, and by which the escape of the liquid matter contained is achieved in a better manner.

To enable those herein skilled to make and use our said improvements, we will now more fully describe the same, referring to—

Figure 1 as a sectional elevation; to Fig. 2 as a top plan, with wooden cover removed; to Fig. 3 as an enlarged detail, showing formation of our improved seam; and to Fig. 4 as a detail of nozzle.

A is the metallic can. The sides or body pieces of the can have their edges folded to form the inner projecting triple lock as follows: The edges or seams *a* are bent twice in the same direction; next reversed. (See Figs. 1 and 3.) We thus give the seam an additional lock to produce the shoulder *a'*. (See Figs. 1 and 3.) Both or one of the contiguous edges of the sides being thus formed into a seam or lock, the parts or joints are properly soldered. All the seams, straight as well as

top, are formed as indicated in Figs. 1 and 3. The shoulder *a'* thus produced supports or has the bottom and cover of the can abut and rest on said shoulder. The cover B has its edges bent once, simply to form a shoulder, *b*, to abut or rest on shoulder *a'* of the seams, the joints next being properly soldered.

The triple lock described gives greater strength and thickness to edges of can; also, the shoulder it produces greatly prevents contraction and expansion of the metal, thus facilitating soldering, forms a solid joint, and otherwise adds durability to the seams and edges of the can, especially advantageous in the use of same for shipping, transportation, and handling. Especially it will be noticed that our improved joint, seam, or lock described is applicable for square and round, an advantage ordinarily not achieved.

In order to facilitate and regulate the escape of the liquid matter contained in can we provide the cover B with a nozzle, C, said nozzle being formed horizontally to project from side of can, the vent or escape *c* of which, being oblong-shaped, terminating with an annular discharge, *c'*, as indicated in Fig. 4. By this form of nozzle the liquid or oily matter flows and escapes, creating its own vent, the air entering on top of fluid matter during escape. The quantity of escape can thus be better regulated, and the usual complete "upriding" of can in case nozzle is vertically on top is obviated. D is the wooden box to inclose the can. Said box has two sides, on top provided with enlarged handles *d* *d'*. That of *d'* is secured stationary to box. That of *d*, however, forms the movable slide, being mortised at *d''* to pass the projecting nozzle, and, when closed, to abut and retain cork in same. (See Figs. 1 and 2.) Said handle or slide *d* is retained by a suitable clasp, *d'''*, and otherwise secured for shipping purposes. By sliding the slide *d* to one side a ready access to the contents of can is had.

Having thus fully described our said improvements, what we claim is—

1. Forming the seams of oil-cans and similar vessels with a double lock, or so as to produce a shoulder, *a'*, which facilitates solder-

ing, strengthens corners and edges of the can, and forms a support for the bottom and cover, substantially as herein shown and described.

2. The cover B, provided with a nozzle, C, formed horizontally to project from sides of can or cover, and having the oblong escape e, substantially as and for the purpose set forth.

In testimony of said invention we have hereunto set our hands.

LEWIS W. HEMP.
JOHN Z. SKINNER.

Witnesses:

WILLIAM W. HERTHEL,
ROBERT BURNS.