J. T. WILLIAMS.

Cans for Oil and Paint.

No. 136,575. Patented March 4, 1873.

Fig. 1

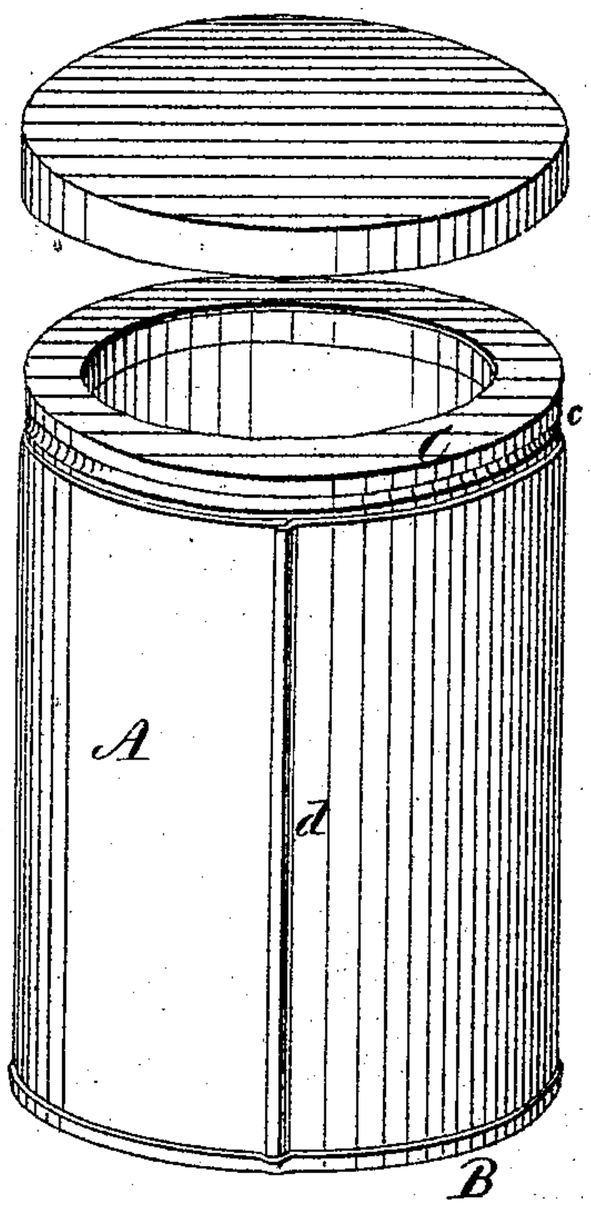
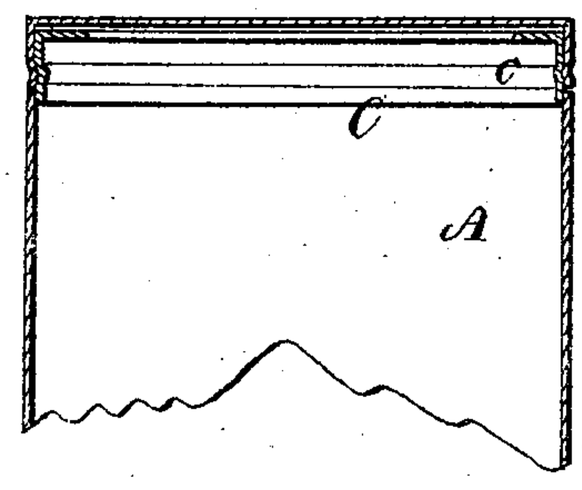


Fig 2



Witnesses.

Martin Connolly

J. P. Connolly

Inventor.

Jos T. Williams.

Connolly Bros

attys.

UNITED STATES PATENT OFFICE.

JOB T. WILLIAMS, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN CANS FOR OIL AND PAINT.

Specification forming part of Letters Patent No. **136,575**, dated March 4, 1873.

To all whom it may concern:

Be it known that I, JOB T. WILLIAMS, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and valuable Improvement in Cans; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a perspective of the can with cover detached. Fig. 2 is a vertical section of the can.

My invention consists of a can designed principally for holding paint, though it may be used with advantage for other materials or substances, as oil, fruit, &c. The object of my invention is to make a tight can, one which may be easily and cheaply constructed, and which will not leak at the seam. My improvement consists in providing a solid breast for the can, which is constructed and applied as hereinafter fully described.

In the drawing, A represents the can, the body of which is constructed in the usual manner, with a seam at *a* and a bottom, B. The breast is shown at C. This breast is inserted in the top of the can, as shown, and soldered firmly in place. A cap of the usual construction is then passed down over the breast, as shown. *c* represents an annular groove in the breast, into which the edge of the cap is tucked. This groove may be dispensed with in small cans, or those which are not designed to be transported for a great distance; but it will be found of advantage if generally employed.

The solid breast is best produced by simply bending a continuous flange on an annular disk of tin or other suitable material; but I do not confine myself to this method. After the solid breast is formed it is applied and properly secured to the can-body.

The advantages of this construction are obvious. The breast being made solid, without a seam, and the cap being constructed in the same way, the two fit snugly together, and there is no place allowed for leakage. As the cap is flush with the sides of the can a label may be applied in a very neat style.

By this means soldering is wholly dispensed with in applying the lid or cap after the can has been filled. If desirable, paste, white lead, or other material may be put around the edge of the cap; but this I deem wholly unnecessary, as the can is perfectly air-tight.

The breast may be made of any suitable metal, though I prefer tin.

What I claim as new, and desire to secure by Letters Patent, is—

A solid seamless breast for cans, constructed and applied as shown, and made either with or without an annular groove, as described.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

JOB T. WILLIAMS.

Witnesses:

GEO. C. SHELMERDINE,

M. DANL. CONNOLLY.