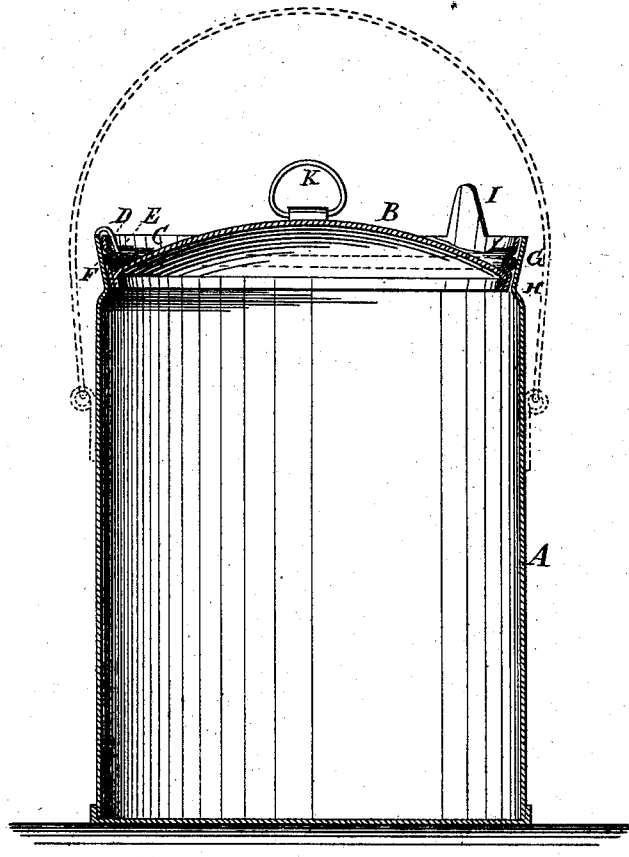


S. JOYCE.
Air-Tight Can.

No. 165,003.

Patented June 29, 1875.



WITNESSES:

Chas. Nida
Sidgwick

INVENTOR:

BY

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

STEPHEN JOYCE, OF NEW YORK, N. Y.

IMPROVEMENT IN AIR-TIGHT CANS.

Specification forming part of Letters Patent No. **165,003**, dated June 29, 1875; application filed March 13, 1875.

To all whom it may concern:

Be it known that I, STEPHEN JOYCE, of the city, county, and State of New York, have invented a new and useful Improvement in Metallic Air-Tight Cans for Paints, Fruits, &c., of which the following is a specification:

This invention relates to the construction of tin and other metallic cans for holding paints, fruits, and other articles air-tight; and it consists in a new and improved method of securing the cover to the can.

In the accompanying drawing, the figure represents a vertical section of a can constructed according to my invention.

Similar letters of reference indicate corresponding parts.

A represents the can. B is the cover, and, as shown in the drawing, is made of two parts, C and D, which are soldered together. In the part D a groove, E, is made, in which groove I place a band of rubber, F, which projects outward from the groove, and when forced down it is crushed and expanded by its contact with the flaring end G of the can. The sheet metal or tin (before or after it is formed into a can or vessel) is passed between rollers, or is stamped to form the shoulder H and flare the end, so that as the cover having the

rubber band in the groove is forced down, the rubber is spread according to the amount of force applied, and the joint is made air and water tight. I represents ears left on the top of the flare G, more or less in number, which are, when the cover has been forced down air-tight, bent over the edge of the cover, so as to securely fasten and keep the cover in place.

When it is necessary to open the can to remove a portion of the contents, the cover may be replaced and securely refastened in the same manner.

This feature is a very great advantage in keeping paints and other articles from the air, as the sealing may be repeated as often as may be required.

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

The described combination of body A, having top flare G and ears I, with two-part cover C D and rubber band F, for the purpose specified.

STEPHEN JOYCE.

Witnesses:

T. B. MOSHER,
ALEX. F. ROBERTS.