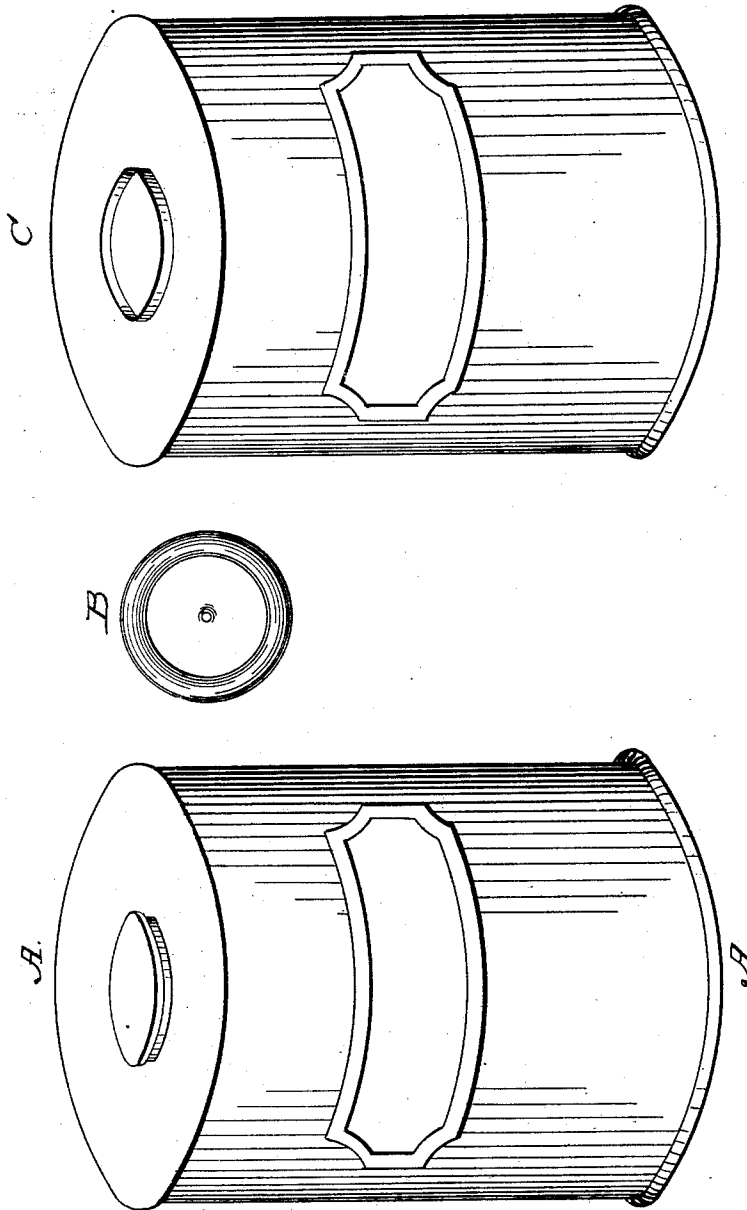


S. MORRETT.

Preserve Can.

No. 23,384.

Patented March 29, 1859.



UNITED STATES PATENT OFFICE.

SAMUEL MORRETT, OF WEST PENNSBOROUGH TOWNSHIP, CUMBERLAND COUNTY, PENNSYLVANIA.

IMPROVEMENT IN PRESERVE-CANS.

Specification forming part of Letters Patent No. 23,384, dated March 29, 1859.

To all whom it may concern:

Be it known that I, SAMUEL MORRETT, of West Pennsborough township, county of Cumberland, State of Pennsylvania, have invented a new and Improved Mode of Closing Fruit-Cans Air-Tight; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, with reference marked thereon.

Figure A represents a covered can. Fig. B represents the cover, (lower side.) Fig. C represents an uncovered can.

The nature of my invention consists in closing an aperture of any size in fruit-cans by a circular convex cover adjusted on can while the fruit is hot, and with the cover firmly compressed the can is inserted in cold water until equilibrium of temperature is obtained. When the can is removed, the lid is securely held to its position by the outward pressure of the atmosphere.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct my can in any of the known forms with a circular aperture in the end. I raise the rim of the aperture one-eighth of an inch. (See Fig. C.)

Fig. B represents the under side of cover. It is made of two circular pieces of tin of convex form and unequal diameter, the upper of which to exceed the aperture one-half of an inch in diameter, the lower to be less one-quarter of an inch in diameter than the aperture, with an india-rubber plate of same circumference as the first-mentioned circular piece of tin inserted between the two parts of tin cover and securely riveted together by rivet of iron in center, the india rubber plate to be one-sixteenth of an inch in thickness.

When the fruit is heated to 212° Fahrenheit, the can should then be filled and the cover adjusted, as above described.

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

The covering of fruit-cans by means of the concave cover B, when the same is constructed and applied as hereinbefore described, and retained in place solely by atmospheric pressure.

SAMUEL MORRETT.

Witnesses:

F. M. L. GILLELEN,
WM. G. DAVIDSON.