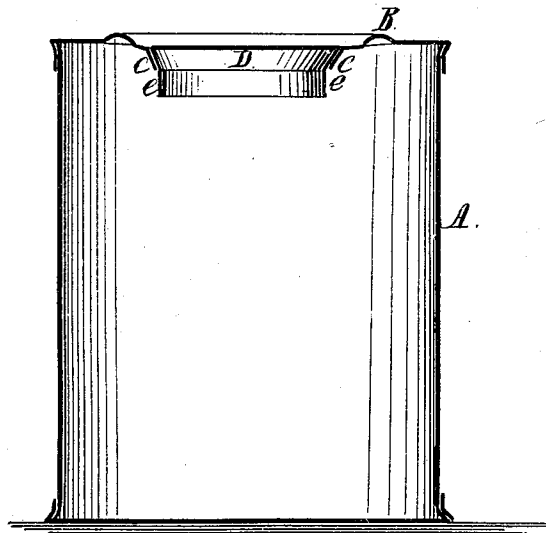


*W. J. Gordon,*  
*Air Tight Can.*  
*No. 87,840.* *Patented Mar 10. 1869.*



*Witnesses:*

*John A. Brooks*  
*E. Green Collins*

*Inventor:*

*W. J. Gordon,*  
*per* *Wm. H. [Signature]*  
*Attorneys.*

# United States Patent Office.

W. J. GORDON, OF PHILADELPHIA, PENNSYLVANIA.

*Letters Patent No. 87,840, dated March 16, 1869.*

## IMPROVEMENT IN AIR-TIGHT CANS.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern:*

Be it known that I, W. J. GORDON, of Philadelphia, in the county of Philadelphia, and State of Pennsylvania, have invented a new and useful Improvement in Air-Tight Cans; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and useful improvement in cans for preserving fruit and other articles, and for containing lye, paint, and all substances of a similar nature; and consists in the manner in which the can is closed, as will be hereinafter more fully described.

The accompanying drawing represents a can constructed or closed according to my invention.

A is the can, which is a plain cylinder, with top and bottom soldered on in the usual manner; but the top B has an orifice sufficiently large to allow of the filling of the can with fruit, or any article which it may be desired to preserve air-tight, (or otherwise,) for sale or use.

The top is beaded, and is shaped by swaging, so that the edge is turned down at an angle inclining inward, as seen in the drawing at *c c*.

D represents the cover or disk which fills the orifice.

This cover or disk is swaged out or formed with a flange, *e*, the upper portion of which is made to fit the angle *c* of the top B.

The diameter of the lower portion corresponds with that of the lower edge of the orifice, or it may be a trifle larger than the orifice, so that when it is forced down, the orifice will not only be closed air-tight, but there will be sufficient friction to hold the cover tightly in place.

Care is taken to have a perfect edge to the lip or bevel *c* in the top, and also to have the cover correspondingly perfect, so that when it is forced into the orifice the joint shall be complete.

By this arrangement all machinery for closing the can is dispensed with.

The label (stating the contents of the can) is placed over the cover D, and the can is ready for market, thus greatly lessening the expense and trouble of putting up fruit, or properly securing paint, lye, and other articles of a similar nature.

Having thus described my invention,

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

In combination with a can, when the top is formed with an inclined surface *c*, the cover D, constructed and applied substantially as described and for the purposes set forth.

W. J. GORDON.

Witnesses:

H. C. HAINES,  
G. W. GARRETT.