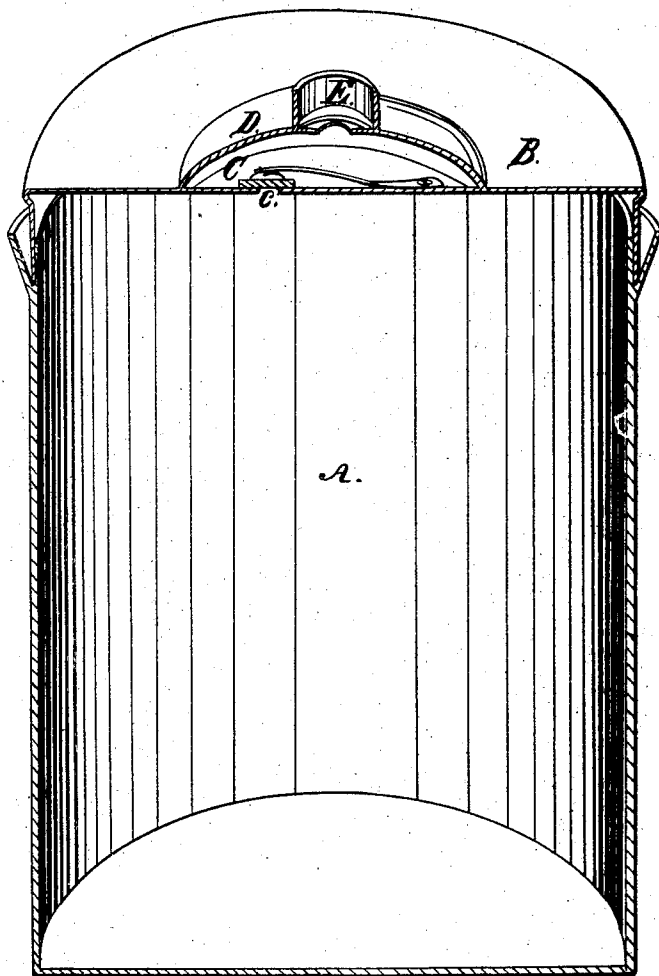


No. 30,585.

PATENTED NOV. 6, 1860.

W. W. PADDOCK.  
SEALING PRESERVE CANS.



Witnesses:

James M. Lundy  
W. York A. Lee

Inventor:

W. W. Paddock  
by Wright Brothers,  
attys.

# UNITED STATES PATENT OFFICE.

WALTER W. PADDOCK, OF CINCINNATI, OHIO.

## IMPROVEMENT IN SEALING PRESERVE-CANS.

Specification forming part of Letters Patent No. 30,585, dated November 6, 1860.

*To all whom it may concern:*

Be it known that I, WALTER W. PADDOCK, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Sealing Preserve-Cans; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification.

My invention has for its object a mode of hermetically closing the mouths of jars and other vessels used for preserving edible substances, and relates particularly to a combination of automatic valve and permanent sealing device, as hereinafter explained.

The accompanying drawing represents by axial section a can embodying my improvement.

A represents the body of the can; B, its lid secured by solder or otherwise. Through this lid a valve-guarded aperture, C, communicates outwardly with an exhaust or vapor chamber, D, which itself communicates with a sealing-cap, E.

The operation is as follows: The can or jar A being filled and its lid secured by solder, wax, rubber gasket, or other approved way, the contained air may be either expelled by heating or exhausted by other means, the valve C preventing any retrograde action. When

the can has been sufficiently divested of its atmospheric contents, the upper receptacle or cup, E, is filled with wax, and the can may then be set away for future use. The automatic valve C acts to temporarily exclude the air until the can is permanently closed by means of the sealing-cup E. The wax, not coming in actual contact with the valve C, can be afterward removed either by mechanical means or by heat without detracting from the future effectiveness of the can.

I am aware that automatic valves of various forms have been employed to close cans in connection with an exhaust, and also that various devices have been used to permanently seal cans with wax or cement. I do not, therefore, desire to be understood as claiming novelty in either part of my invention, separately; but

I claim as new and of my invention herein—

The combination of the automatic valve C, exhaust-chamber D, and permanent sealing-cup E, constructed and arranged to operate substantially as and for the purposes set forth.

In testimony of which invention I hereunto set my hand.

WALTER W. PADDOCK.

Witnesses:

GEO. H. KNIGHT,  
FRANCIS MILLWARD.