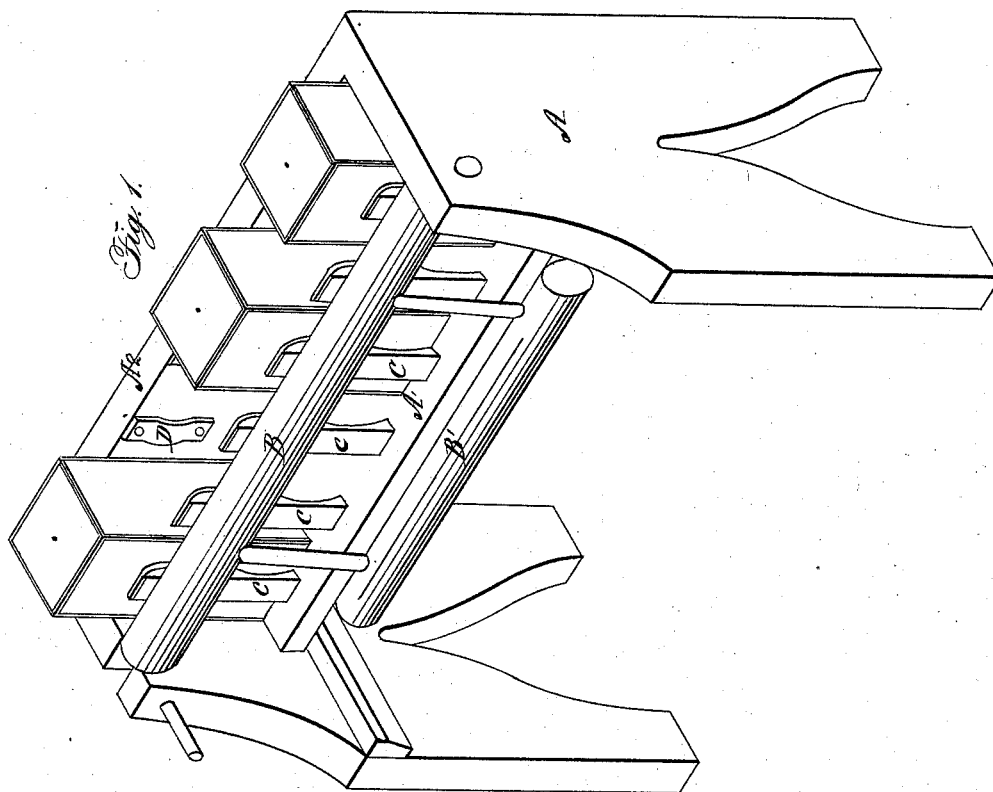


D. CLAVIDGE.  
Hermetic Sealing.

No. 54,686.

Patented May 15, 1866.



Inventor:

*D. Clavidge*

Witnesses:

*R. Mason*  
*L. Murphy*

by  
*D. P. Hollaway & Co.*  
*his Attorneys*

# UNITED STATES PATENT OFFICE.

DANIEL CLAVIDGE, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN APPARATUS FOR EXPELLING AIR FROM CASES.

Specification forming part of Letters Patent No. **54,686**, dated May 15, 1866.

*To all whom it may concern:*

Be it known that I, DANIEL CLAVIDGE, of Indianapolis, in the State of Indiana, have invented a new and useful Machine for Expelling the Air from Metallic Cans for Putting up Oysters, &c.; 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 drawings, made part of this specification.

The drawing presents a perspective view of the same.

A is a frame supporting a shelf, A', and back A<sup>2</sup>. On this shelf stand the cans placed against the projecting pads D, which rest against the middle of one of the sides of the square can. Along the front of shelf, at a distance from the back sufficient to receive the cans, are the perpendicular wooden springs C C, flat on their outer face and having projections similar to those on the back of the frame and at the same height. Across the frame, and resting against the face of the springs C C, the eccentric cylindrical roller B is placed, turning upon an axle near the circumference. This roller is turned by the lever and handle B'.

In operating with this apparatus the cans are filled with whatever they are intended to

contain and the caps put on and soldered, a small hole being left in the cap for the emission of the air. They are then placed on the shelf, and the lever B' being raised, the eccentric-roller B presses the points against the sides of the cans, compressing them until the fluids contained flow from the small hole. While thus compressed the solder is applied, the aperture closed, and the full cans are hermetically sealed without any air being contained.

In cases where fruits are put up, having been heated to expel the air contained in the substances themselves, the apparatus is used in the same manner.

Having fully explained my apparatus, what I claim as my invention, and seek to secure by Letters Patent, is—

An apparatus for expelling the air from cans by pressure upon their sides, arranged substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

DANIEL CLAVIDGE.

Witnesses:

HENRY KESLER,  
WM. T. GILLEY.