

(No Model.)

F. B. GINN.  
MEANS FOR SEALING CANS.

No. 253,036.

Patented Jan. 31, 1882.

Fig. 1.

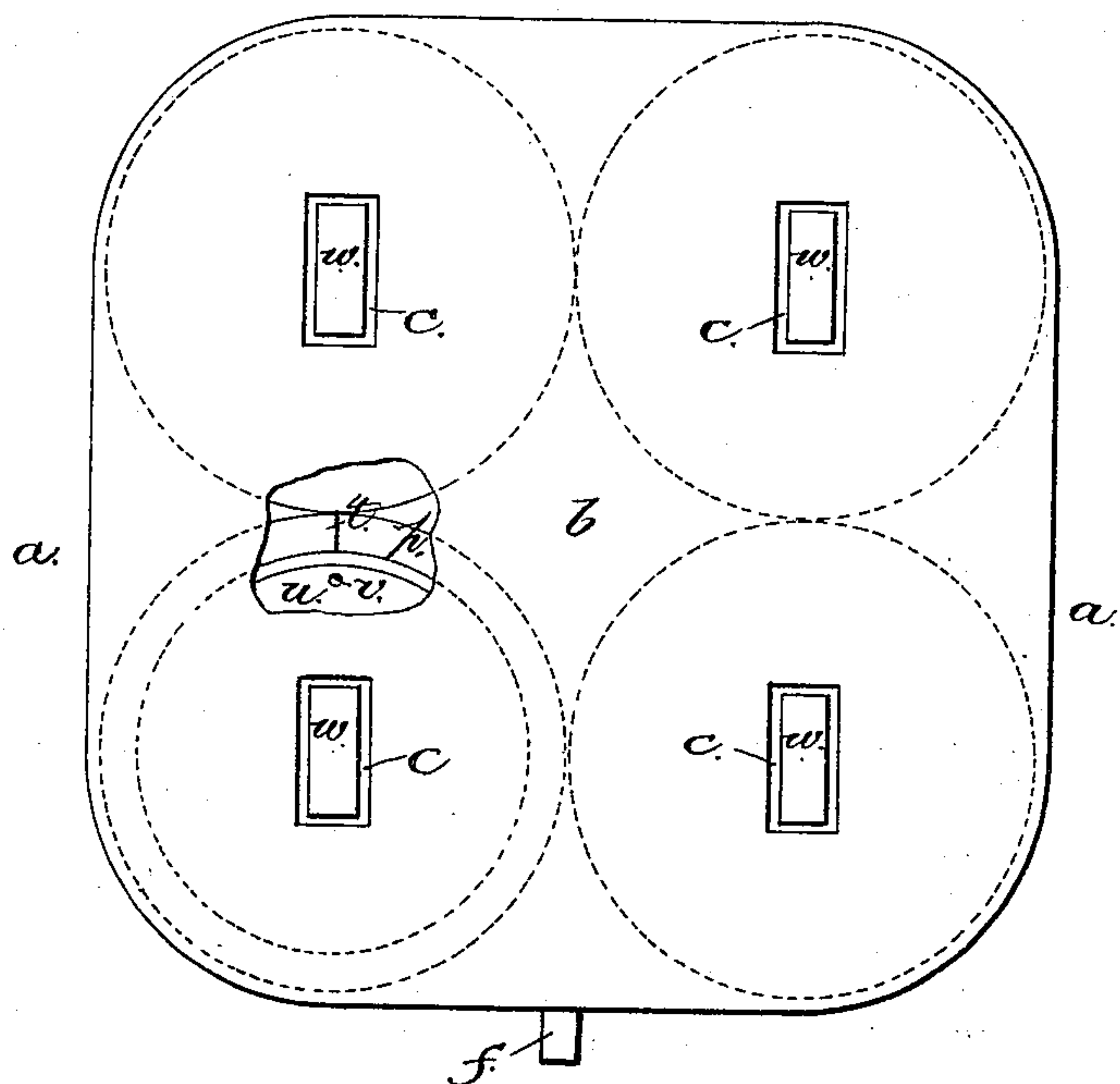
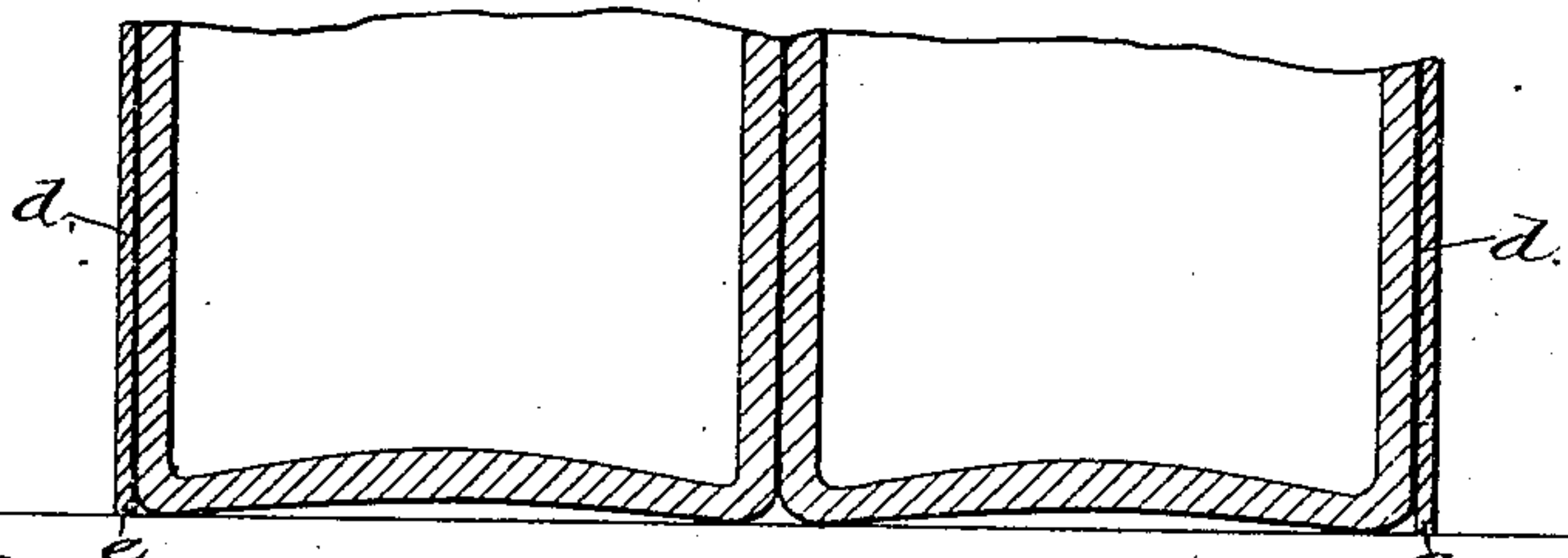
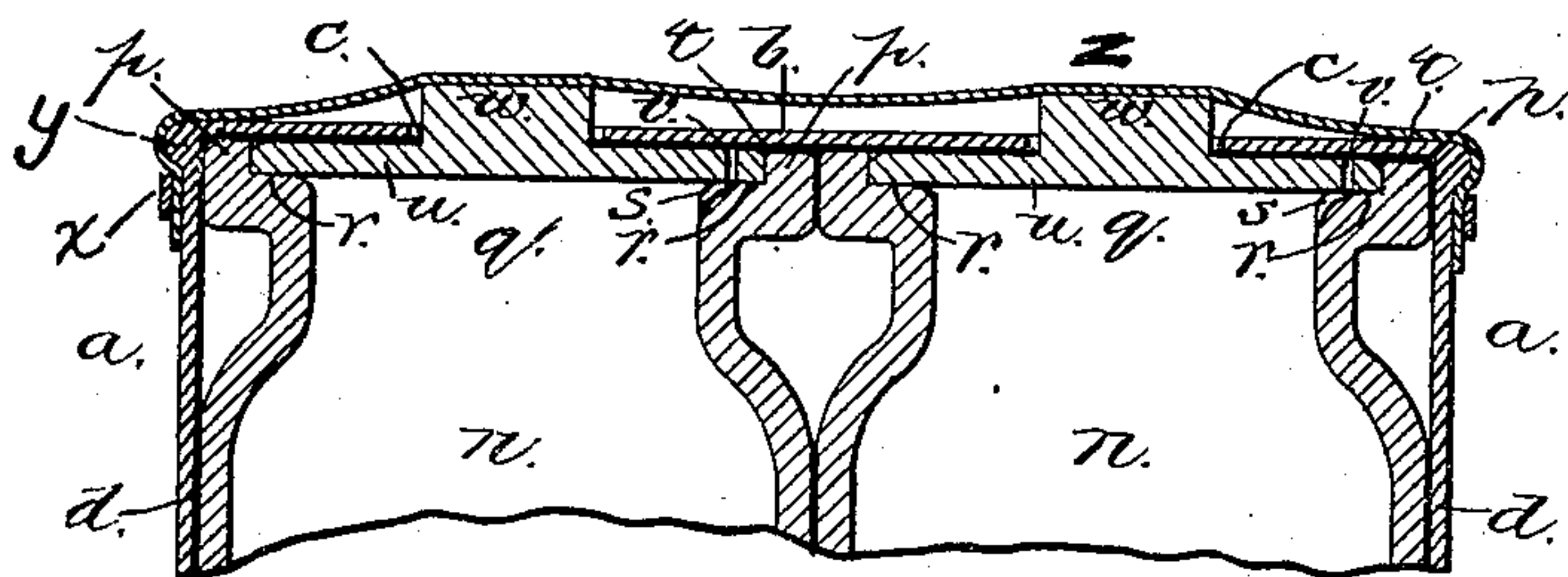


Fig. 2.



WITNESSES

John A. Ellis.  
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# UNITED STATES PATENT OFFICE.

FREDERICK B. GINN, OF OAKLAND, CALIFORNIA.

## MEANS FOR SEALING CANS.

SPECIFICATION forming part of Letters Patent No. 253,036, dated January 31, 1882.

Application filed August 3, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK B. GINN, a citizen of the United States, resident at Oakland, in the county of Alameda and State of California, have invented a new and valuable Improvement in Means for Sealing Cans; 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, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a top view of my invention, partly broken away; and Fig. 2 is a vertical section of the same through two of the cans.

This invention relates to improvements in means for preserving fruits, meats, vegetables, &c.; and it consists in the construction and novel arrangement of parts, as hereinafter set forth.

In the annexed drawings, the letter *a* represents a cover, of any suitable material, having the closed top *b*, provided with the openings *c*, and having the sides *d*, made with edges *e*, which will form an air-tight joint when placed in contact with a plate, as hereinafter described. This cover has a nozzle, *f*, for attachment to the tube of an air-pump.

The letter *n* represents one of the jars. This has at its upper end the flange *p*, and inside around the opening *q* the seat *r*, in which is made a notch or hole, *s*, leading down into the jar. On the flange *p* is made a guide-mark, *t*, to indicate the location of the notch. Placed on the jar, and resting inside of the flange upon the seat, is the top *u*, having a hole, *v*, which comes beyond the inner edge of the seat, but far enough in to come over part of the notch *s* when the top is turned into proper position. The top *u* has a handle, *w*, which projects upward.

In using these devices the jars, of a number to suit, are placed under the cover *a*, the handles *w* projecting through the openings *c*, the

holes *v* being over the notches *s*. A sheet of rubber, *z*, is put over the cover *a* and secured in place in any suitable manner. A flange, *y*, may be made around the upper edge of the cover *a*, and a band, *x*, be slipped over the edge of the rubber sheet under this flange. The cover *a*, with the jars, is placed upon a plate or table having a smooth surface, so as to form an air-tight joint. The edges *e* may have rubber placed on them, or they may be placed upon a sheet of rubber. The air is exhausted from the cover *a* by an air-pump, which also draws the air from the jars through the notches and holes. The pressure on the rubber sheet forces it down on the handles, so that they can be grasped and the tops of the jars turned until the holes are out of line with the notches. The air can be then let in, when the pressure seals the tops on the jars. To insure their remaining air-tight paraffine or wax may be put around the edge of the tops, the latter being preferably chamfered off to hold it. If desired, a rubber ring may be placed on the seat, a place being left for the notch.

This method is applicable to cans as well as jars, and any material may be used in the construction of either.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. The cover *a*, having an opening, *c*, in combination with a jar having a notch or hole at its neck and a hole in its top, and a yielding air-tight covering for the cover *a*, as set forth.

2. The cover *a*, having an opening, *c*, in combination with a yielding air-tight covering, as set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

FREDERICK B. GINN.

Witnesses:

GEO. W. JENKS,  
PHILIP C. MASI.