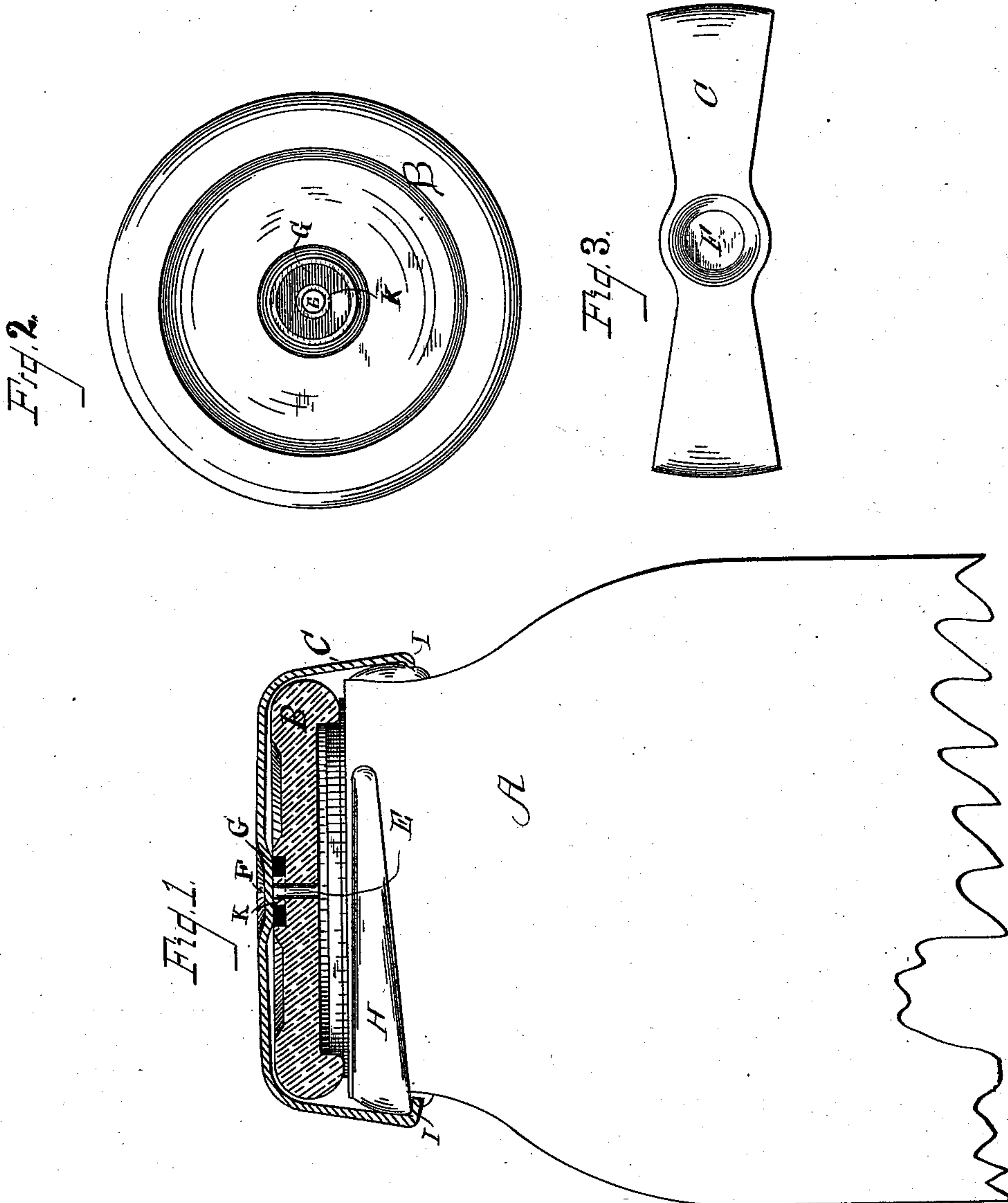


(No Model.)

G. H. HARVEY.
PRESERVE JAR FASTENING.

No. 376,953.

Patented Jan. 24, 1888.



WITNESSES:
Joseph R. Cutter
L. P. Rider

INVENTOR
Geo. H. Harvey

UNITED STATES PATENT OFFICE.

GEORGE H. HARVEY, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO ALBERT
C. ELLIS, OF SAME PLACE.

PRESERVE-JAR FASTENING.

SPECIFICATION forming part of Letters Patent No. 376,953, dated January 24, 1888.

Application filed June 3, 1887. Serial No. 240,122. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. HARVEY, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new
5 and useful Improvement in Preserve-Jar Fastenings; and I do hereby declare the following to be a full, clear, and exact description thereof.

In the construction of preserve-jar fastenings great trouble has been experienced in
10 making them air-tight, and in order to do this expensive and complicated devices have been resorted to. These, it is true, have accomplished the object sought for; but objection is made as to their cost.

15 My invention relates to an improvement in fruit-jar fasteners; and it consists in a jar having spiral lugs, a lid having a stud in which is a vent, said stud surrounded by a groove in which is a flexible gasket, and a clamp having
20 a portion of its lower face enlarged, all combined, arranged, and operating substantially as hereinafter described.

To enable others skilled in the art with which my invention is most nearly connected to make
25 and use it, I will proceed to describe its construction and operation.

In the accompanying drawings, which form part of my specification, Figure 1 is a side elevation of a fruit-jar with its lid and clamp
30 shown in section. Fig. 2 is a top view or plan of the lid. Fig. 3 is a top view of the clamp.

In the drawings, A represents the jar, B the lid, K the stud having a vent, E, all being of the ordinary construction.

35 C represents the clamp, which is made of steel or other suitable material, and is pro-

vided on its under face with a convex or swelled portion made to fit and press upon the rubber gasket G, placed in the groove surrounding the stud K, in which is a vent, E. 40

The operation of my invention is as follows: Fruit or other article to be preserved is placed in the jar and the lid is fitted to it in the usual manner. A gasket, G, made of gum or other
45 suitable material, is then placed in the groove in the lid, said groove surrounding a stud, K, in which is the vent E. Said gasket G is just of sufficient size to fill the groove and a little thicker than the height of the stud K. The
50 clamp C is then placed in position, its lips I engaging with the spiral lugs H. The clamp, being turned, will travel on the spiral lugs and be pressed down upon the lid and force the lid
55 on the jar tightly, and the convexed or swelled portion F of the clamp will press on the gasket G and thereby hermetically seal it.

Having thus described my improvement, what I claim is—

A jar having spiral lugs, a lid having a stud in which is a vent, said stud surrounded by
60 a groove in which is a flexible gasket, and a clamp having a portion of its lower face enlarged, all combined, arranged, and operating with relation to each other substantially as
65 herein described, and for the purpose set forth.

In testimony whereof I have hereunto set my hand this 28th day of May, A. D. 1887.

GEO. H. HARVEY.

Witnesses:

L. S. MCKEEVER,
S. A. PARR.