

No. 672,371.

Patented Apr. 16, 1901.

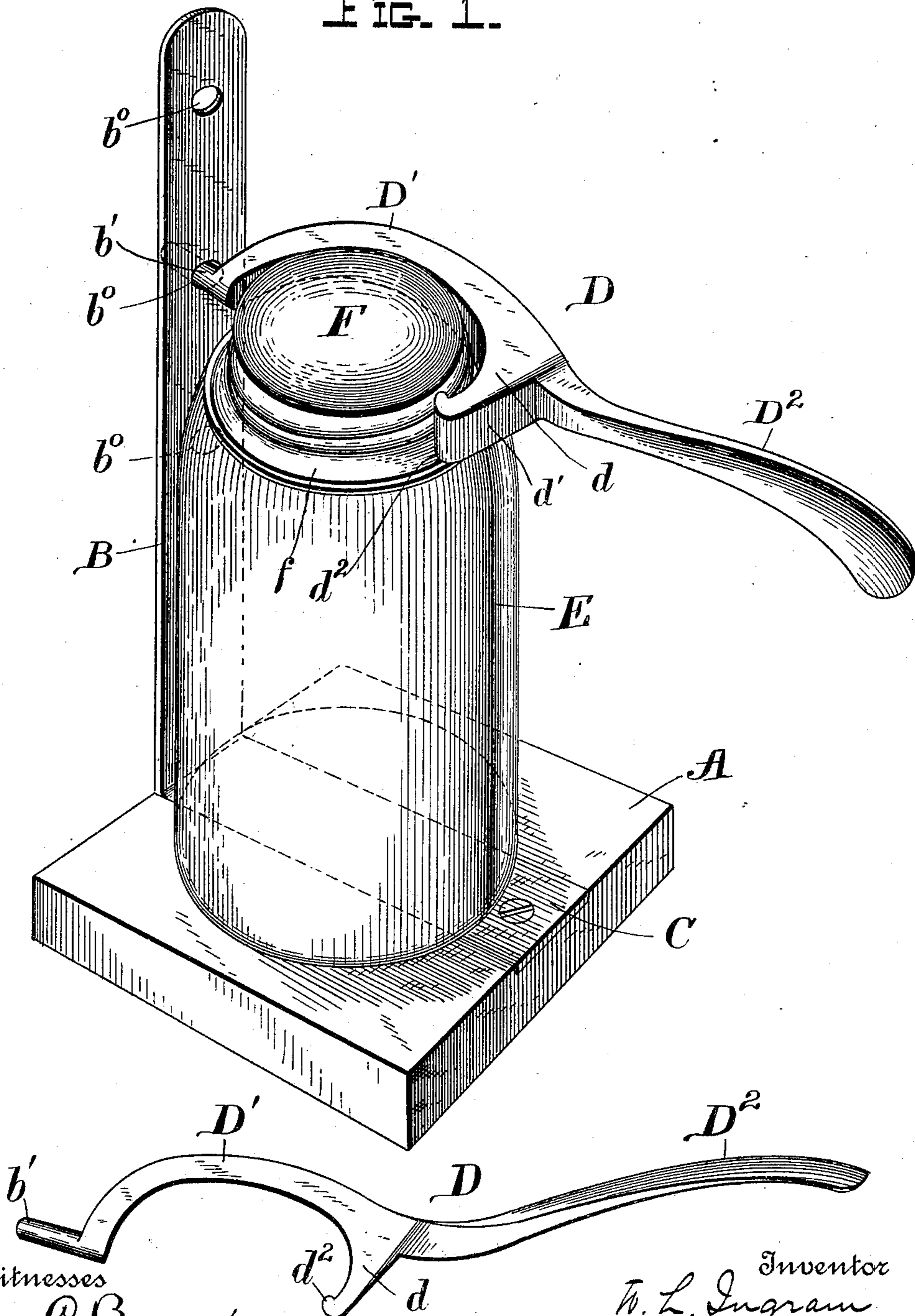
W. L. INGRAM.

JAR CAP SEALER.

(Application filed Jan. 16, 1901.)

(No Model.)

FIG. 1.



Witnesses
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FIG. 2.

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UNITED STATES PATENT OFFICE.

WILLIAM L. INGRAM, OF WILDERVILLE, OREGON.

JAR-CAP SEALER.

SPECIFICATION forming part of Letters Patent No. 672,371, dated April 16, 1901.

Application filed January 16, 1901. Serial No. 43,517. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM L. INGRAM, a citizen of the United States, residing at Wilderville, in the county of Josephine and State of Oregon, have invented certain new and useful Improvements in Jar-Cap Sealers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to improvements in devices for more effectually sealing the tops or caps of jars, and is especially adapted for use in connection with that type of jar generally known as the "Mason" fruit-jar.

It is a well-known fact that when a jar provided with a screw cap or top has been sealed for a long time the cap or top becomes so closely stuck to the jar that it often becomes necessary to insert a knife or other implement beneath the cap and pry the same up before the cap or top can be unscrewed, thus crimping or curling up the edge of the cap or top. Again, when the top or cap is originally put on the jar it is screwed down so tightly that its projecting lip is bent upward. In either case when the cap or top is again to be used in connection with the same or other jars it is usually found that it cannot be screwed down as tightly to the jars as originally, owing to the fact that the projecting lip does not fit down so closely on the jar, which results in the admission of air to the jar and a consequent tendency of fermentation and oozing out of the ingredients therein. In order to prevent this, I have provided a device whereby the cap or top may be the more perfectly sealed on the jar by pressing down the projecting lip of the cap or top after the same has been screwed on to make it assume the shape of the jar, and thereby more effectually close the same against the admission of air.

In the accompanying drawings, which illustrate my invention, Figure 1 is a perspective view of my device as applied to a fruit-jar in operative position, and Fig. 2 is a plan view of the sealing device detached from its support.

To a table or other suitable support A, I secure the upright B. This may be done in any desired way; but I prefer the means

illustrated in the drawings, in which the upright B is one member of an angle-iron, the short end C of which is countersunk in and secured to the table or other support.

The sealing device D consists of a flat bar of iron or other metal curved at one end D' to receive the jar-cap in the curved portion, the other end D² being shaped in any desired manner to form a suitable handle. The outer surface of the curved portion D' is provided with a lug b', adapted to be inserted in one of the adjustment-holes b⁰, provided in the upright member B of the angle-iron B C, thus affording a means of adjusting the sealing device to any desired height and adapting the same for use in connection with any size of jar—as, for instance, a pint, quart, or half-gallon jar, as the case may be. At the point where the handle portion D² and the curved portion D' meet is a shoulder d, formed continuous with and following the curve of the curved portion D' on its inner face, the outer surface d' being straight and lying in a plane at an angle slightly obtuse to the handle portion D². This shoulder d is provided with the inwardly-projecting ledge d², forming the sealing edge of my device. Thus when the jar E, having the cap or top F screwed thereon, is placed upon the table or support and the lug b' of the sealing device is inserted in one of the holes b⁰ of the upright B the curved portion D' of the sealing device partially encircles the cap or top F and the sealing edge d² rests directly upon the projecting lip f of the jar top or cap, when by pressing down upon the handle of the sealing device with one hand and revolving the jar with the other hand the edge d² presses down on and bends the projecting lip f to conform closely with the rounded surface of the jar, and thus more effectually seal the jar against the admission of air.

Thus it will be seen that I have invented a simple but efficient means of sealing the cap or top to the jar after the same has once been used, and

Having thus described my invention and in what manner the same is to be used, what I claim, and desire to secure by Letters Patent of the United States, is—

1. A jar-sealing device consisting of a handle, a curved body portion adapted to em-

brace the jar-top, a projecting lug at the extremity of said body portion for engaging the same with an upright support, and an in-turned shoulder, at the opposite end of the
5 body portion, having a sealing edge.

2. In a jar-top-sealing device, the combination of an upright support and a sealing device detachably secured thereto, the said sealing device having a curved end for encir-
10 cling the jar-top and a sealing edge adapted to rest upon and press down the projecting lip of the jar-top for conforming the said lip to the shape of the jar, substantially as described.

15 3. In a jar-top-sealing device, the combination with an upright support having adjustment-holes, of a sealing device provided at one end with a curved portion for encir-

cling the jar-top, and at its other end formed into a handle, a lug formed integral with the
20 outer surface of the curved portion adapted to be inserted in the adjustment-holes of the upright support, and a projecting shoulder formed continuous with said curved portion,
25 provided with an inwardly-projecting sealing edge for pressing down upon the projecting lip of the jar-top when downward pressure is exerted upon the handle portion, substantially as described.

In testimony whereof I affix my signature
30 in presence of two witnesses.

WILLIAM L. INGRAM.

Witnesses:

T. P. JUDSON,

E. W. KUYKENDALL.