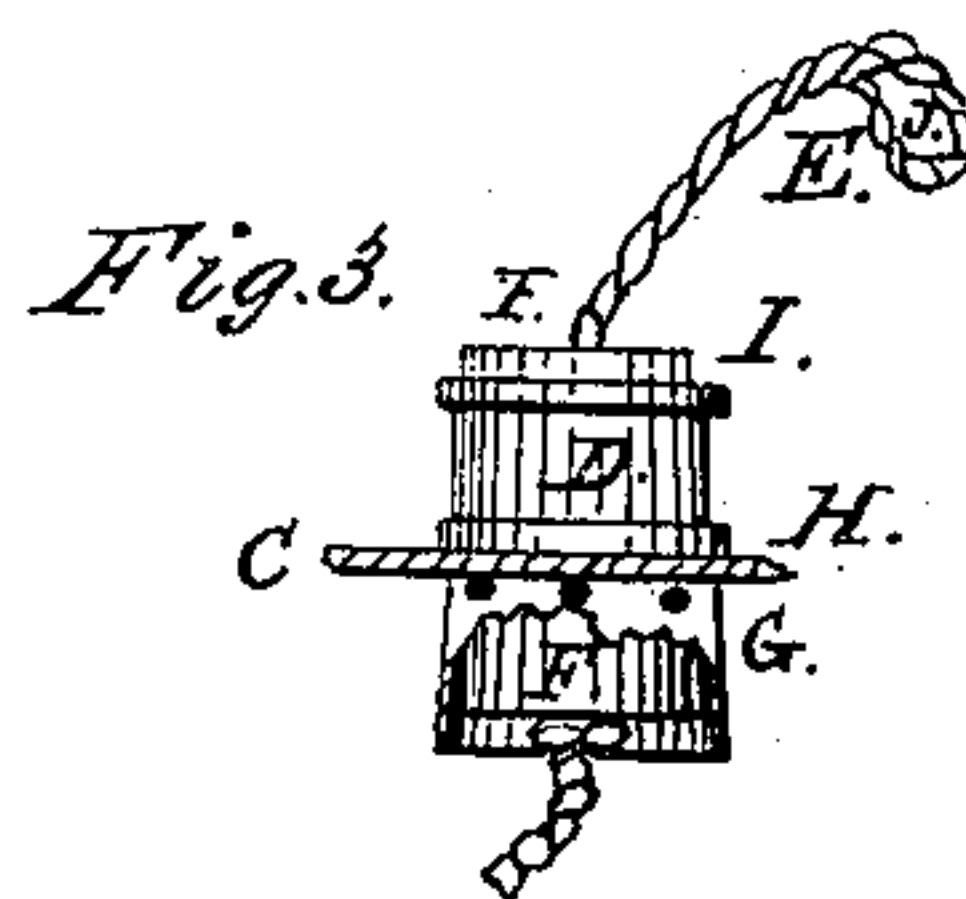
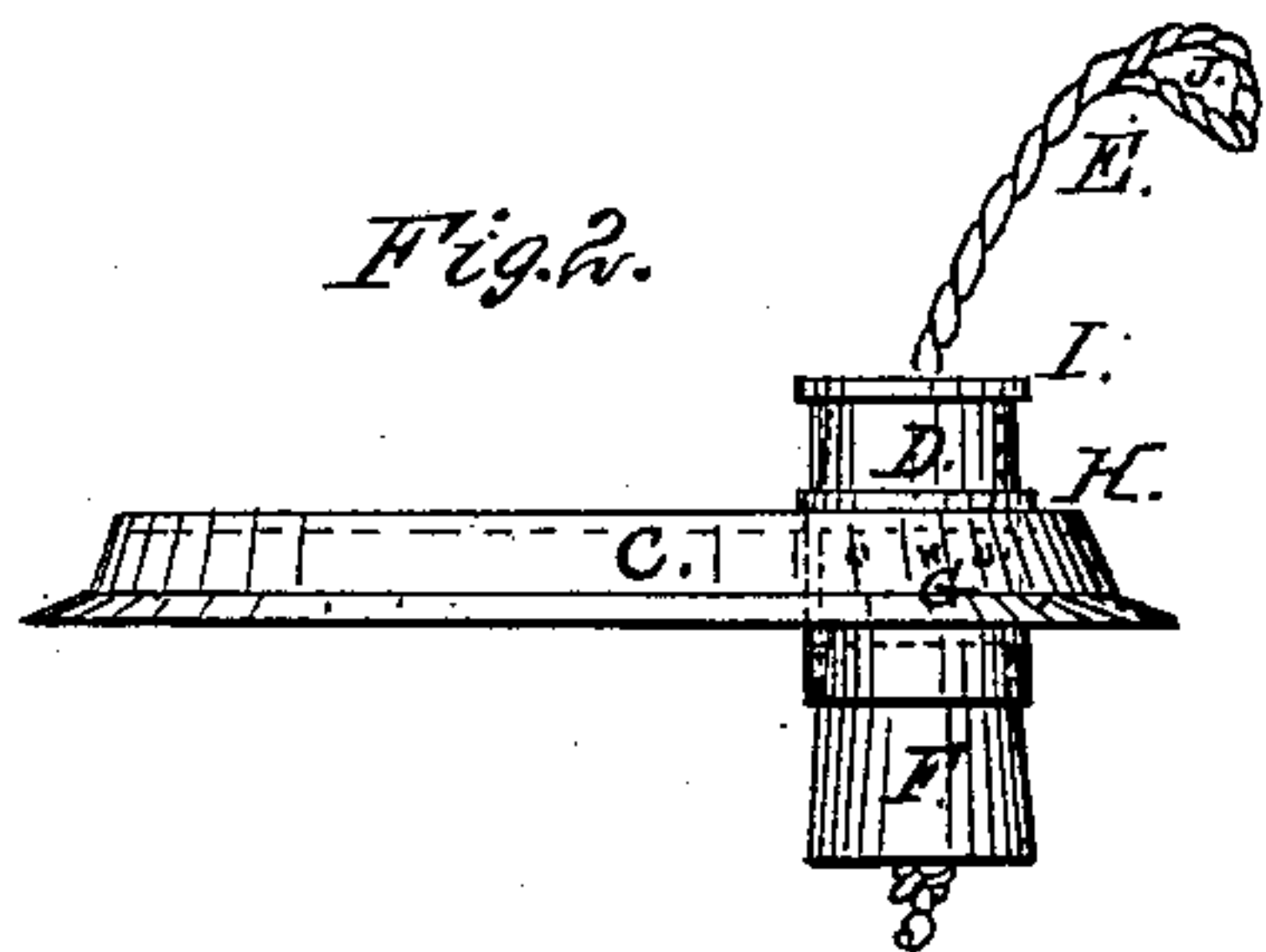
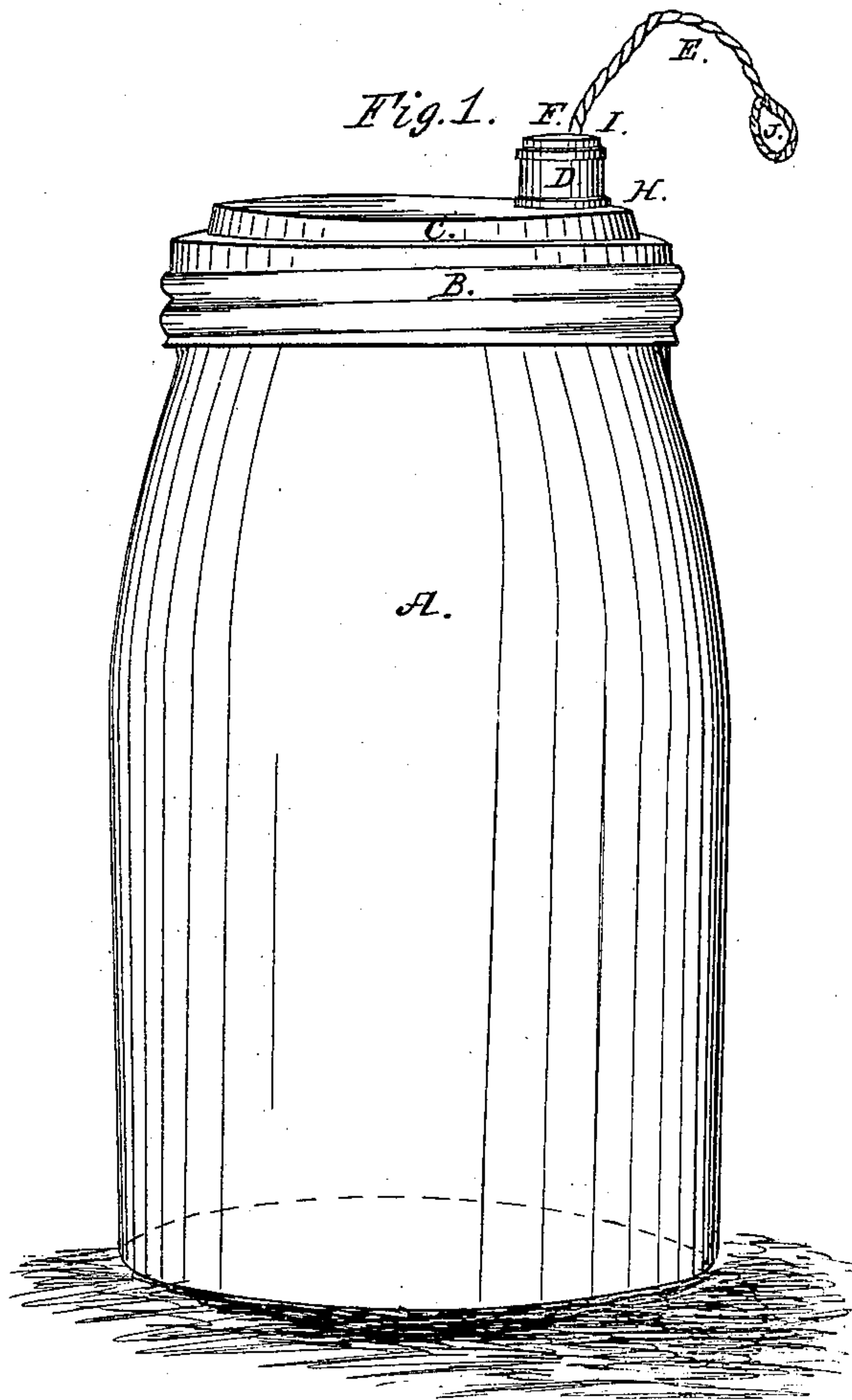


E. PURDY.  
MODE OF SEALING FRUIT JARS.

No. 67,215.

Patented July 30, 1867.



Witnesses:

Samuel J. Parker.  
J. McEwen

Inventor:

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# United States Patent Office.

EBENEZER PURDY, OF ITHACA, NEW YORK.

*Letters Patent No. 67,215, dated July 30, 1867.*

## IMPROVED MODE OF SEALING FRUIT-JARS.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, EBENEZER PURDY, of Ithaca, Tompkins county, New York, have invented an improved Sealing for Fruit-Cans; and I do hereby declare that the following is a full and exact description thereof, reference being had to the annexed drawing and to the letters marked thereon.

My object is to exhaust the air in the can, either by the special means described herein, or by any other means, by an orifice, and to close the opening by a simple and effective device. This I accomplish by making an orifice through the top or cover of the can, and inserting a tube air-tight in it, or making the opening through the cover the same shape as the tube, and the inside of the tube with a smaller diameter at the top or upper part than at the bottom or lower part of it, and into this tube or tapering opening inserting from the inside of the jar a cork or other suitable stopper, and when the air is exhausted, drawing it firmly up by a string, wire, or other instrument, thus sealing or closing the orifice. And my special means of exhaustion is by one's own mouth applied to the top of the above-named tube, or by a suitable tubular adjustable mouth-piece between the mouth and tube or orifice. When desirable I use also pumps and other devices. These and other facts are apparent in the drawings, which are—

Figure 1, a view of my can and its tubular orifice.

Figure 2, a view of the cover of a jar and its orifice; and

Figure 3, a sectional view of the tube and plug in it.

In fig. 1, A is the body of the jar or can, and B the screw cap that holds the cover C in its place; and D the tube, tapering from the inside outwards, the tube or tubular orifice being soldered fast to the cover; and E is the string, wire, or other instrument for drawing the cork or plug up into and closing the orifice. In fig. 2 the cork or plug is seen below the tube, leaving a space about it for the escape of the air, and the string ready to draw it up in place. The dotted lines G show holes in the tube in the hollow of the cover, near its under side, so that the part of the tube below the holes serves as a guide to the plug, and the tightening of the plug is at H, the part in and above the cover. In fig. 3 the plug F is above the orifices G, and closing the jar at the surface H.

It is contemplated to use the fruit in my cans or jars cold or colder than in many or most jars, and to apply, as above intimated, the mouth of the operator, who is canning fruit, to the top I of the tube D, either directly or by an intervening mouth-piece. When this is done the exhaustion is quite perfect, the corner of the mouth closing tightly about the string E, and drawing by a small stick through the loop J, the plug is drawn up and closes the jar. The same thing, so far as the sealing by the plug is concerned, is done when other means of exhaustion or cooking the air in the jar without exhaustion takes place. By pushing the plug down by a stick, wire, or rod, the can is easily opened.

The other uses and applications of my invention and device are apparent to those skilled in the art to which it appertains.

### *Claim.*

1. I claim making a tubular orifice in the cover of a fruit-can, with the larger end of the tubular opening on the inside of the jar, for the purpose of closing the opening by a suitable plug or cork drawn or inserted in the same from the inside of the can, as described.
2. I claim making a suitable plug to fit the described tube or orifice, retracting and inserting the same from and into the said orifice or opening from the inside of the can or jar, for the purpose of opening and closing the same at pleasure, as described.
3. I claim attaching the described cork or plug to a cord, E, or other suitable instrumentality, for the purpose of bringing the plug from the inside of the jar tightly into the opening, as described.
4. I claim the combined whole, made of the parts D, the tube or tubular opening in the cover, C, the cork or plug F, inserted from the inside of the jar, string, wire, or instrument E, holes G, operating together substantially as described.

EBENEZER PURDY.

Witnesses:

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T. J. McELHENY.