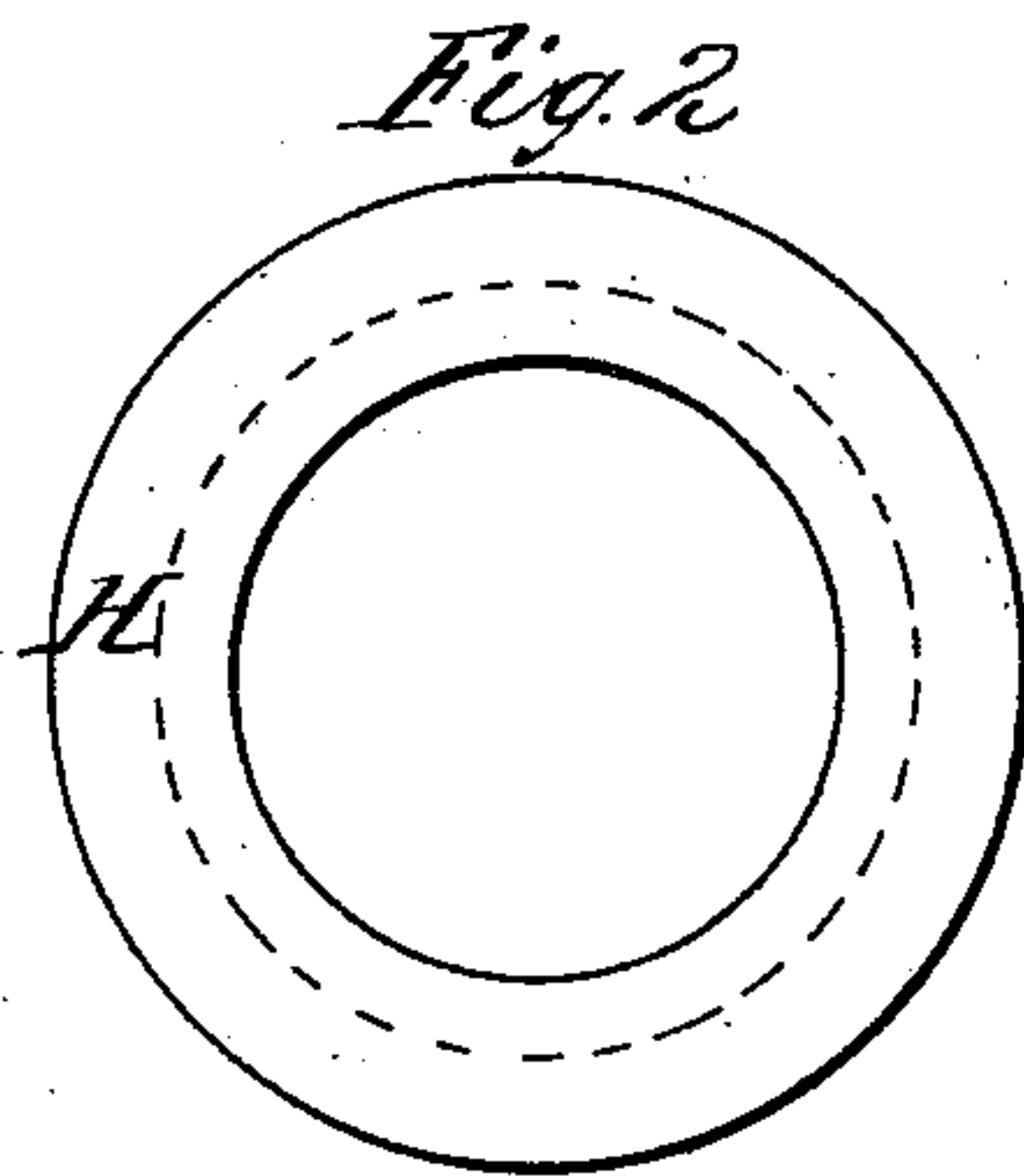
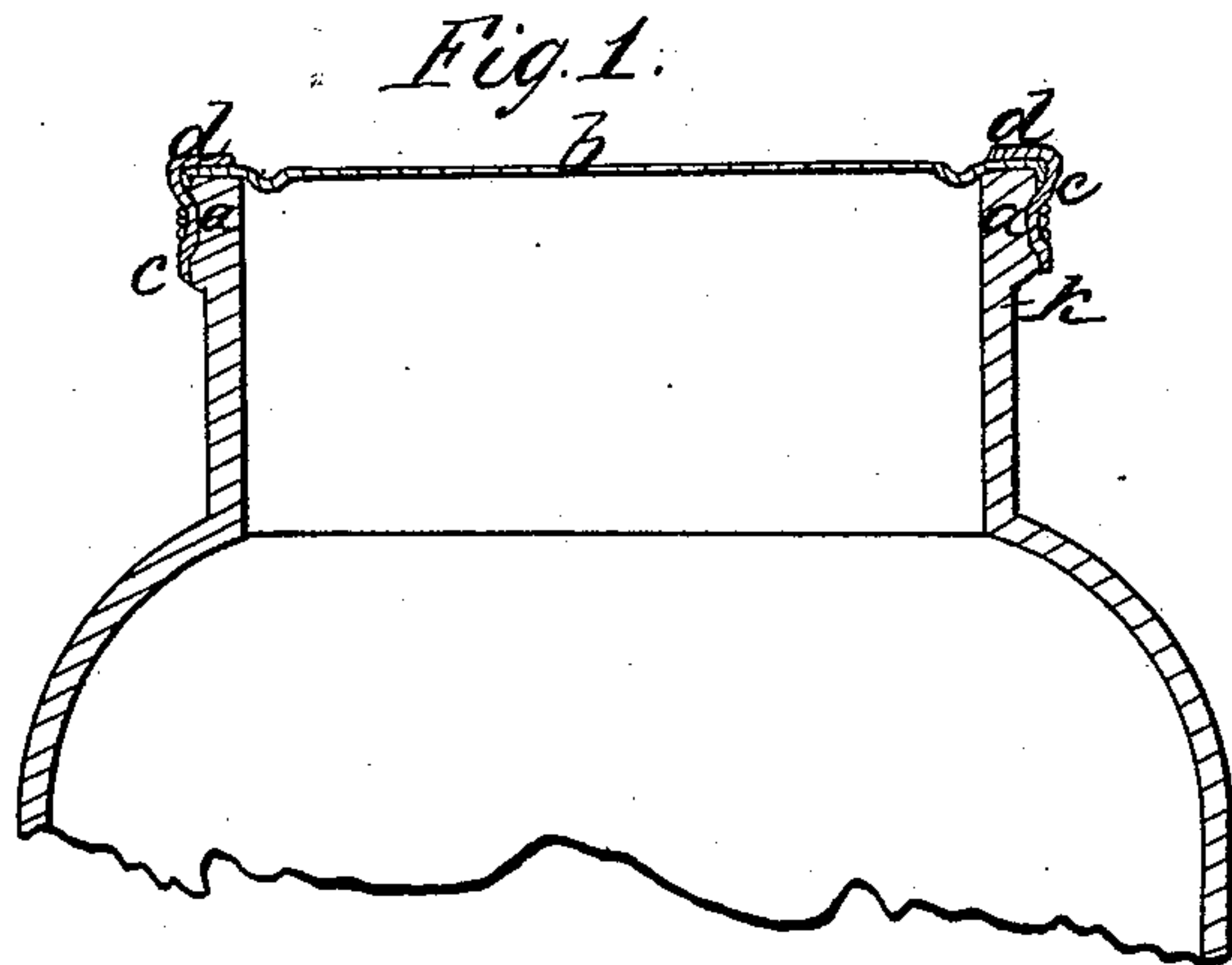


No. 76,846.

PATENTED APR. 14, 1868.

D. STONE.
FRUIT JAR.



Witnesses
E. L. Cook
Attorney at Law

Inventor;
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United States Patent Office.

DRAPER STONE, OF ROCHESTER, NEW YORK.

Letters Patent No. 76,846, dated April 14, 1868.

IMPROVED FRUIT-JAR.

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, DRAPER STONE, of the city of Rochester, in the State of New York, have invented a new and useful Improved Fruit-Jar; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, making part of this specification, in which—

Figure 1 is a sectional view of the top of my jar, showing the cover and air-tight packing.

Figure 2 is a view of the packing-ring.

The nature of this invention will be fully understood from the drawings and specification.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I form the top or neck, K, of my jar with a slight groove, *a*, on the outside, and I cut from tin, or other metal, with a die, an annular piece, which forms the cover *b*. This cover has the same diameter as the outside circle of the jar-neck.

I then cut out of a sheet of rubber a ring, H, as shown in fig. 2, for the packing to make an air-tight joint. This ring is less in diameter than the cover of the jar. I then stretch it over the jar-neck until about one-half, shown by the red line in fig. 2, is brought down on the outside of the neck, as shown at *c*, in fig. 1. This leaves the other part of the packing-ring bent over the top of the cover, as shown at *d* in fig. 1. I then bind it by winding wire, or other suitable material, tightly around it, which compresses the rubber into the groove *a*.

The object of this device is to obtain a cheap air-tight cover for fruit-jars; the rubber packing being stretched on the outside circumference, contracts the inner edge, and causes it to form a sleeve over the joint made by the cover and neck of the jars, and it operates in the following manner: The jar being filled with warm fruit and sirup, which excludes the air, the part of the packing shown at *d*, fig. 1, is turned back and down over the side. The cover is then laid on the top of the jar, and the packing sprung back to its place, as shown at *d* in fig. 1, covering the joint formed by the cover and the jar. The air being excluded as the fruit and sirup cool, a more perfect vacuum is formed, and the outside atmosphere presses the rubber into all the interstices between the metal cover and the jar-neck, and forms a perfectly air-tight joint, even if the top of the jar is uneven.

What I claim as my invention, and wish to secure by Letters Patent, is—

The annular or flat packing-ring H, constructed and applied substantially in the manner shown and described, in combination with the cover of fruit-jars, for the purpose specified.

DRAPER STONE.

Witnesses:

E. C. COOK,

JAS. LORENZO GAGE.