

No. 749,993.

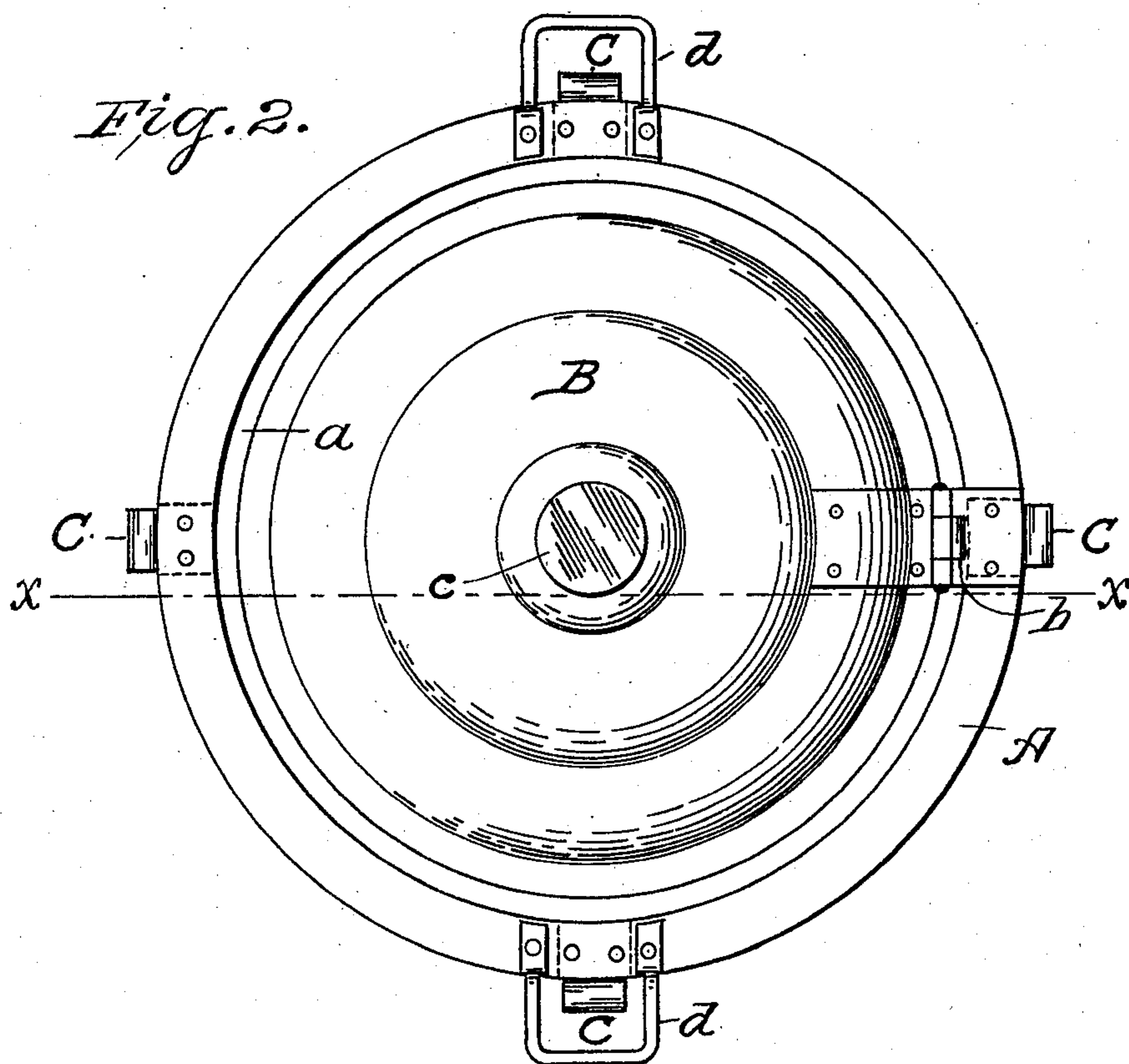
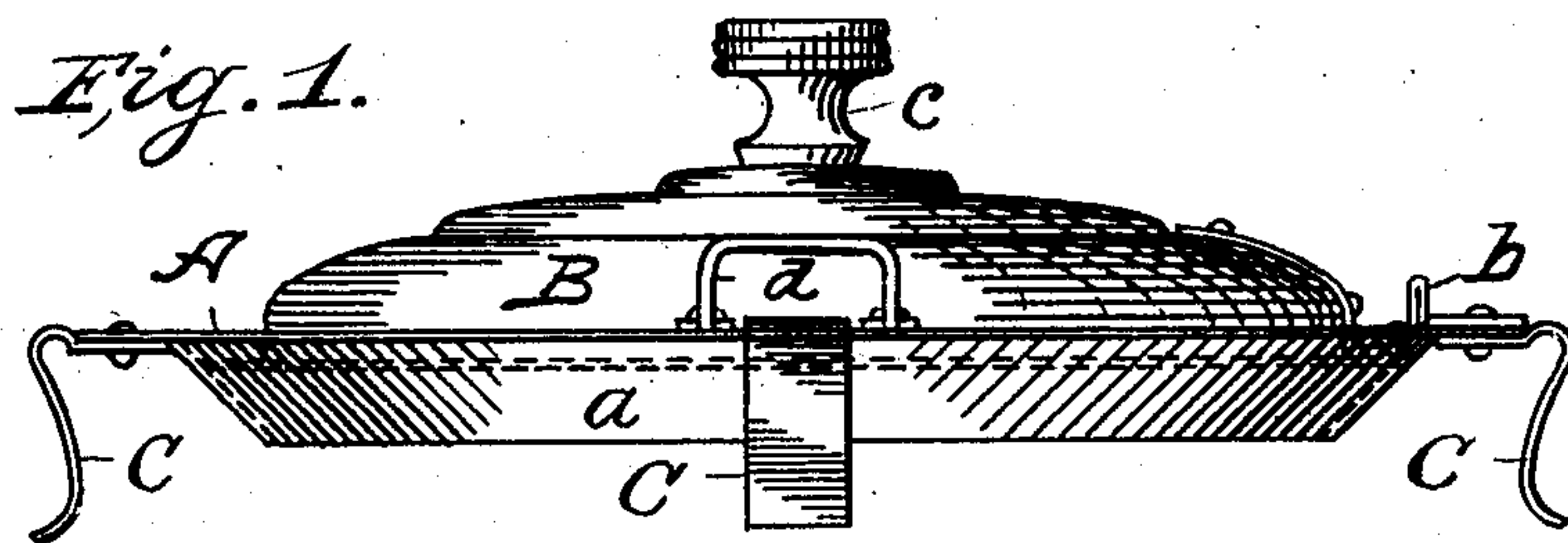
PATENTED JAN. 19, 1904.

B. L. JOHNSON.
COVER FOR VESSELS.

APPLICATION FILED SEPT. 22, 1903.

NO MODEL.

2 SHEETS—SHEET 1.



Witnesses:

A. J. Strator.

B. E. Harris.

Inventor,

Benjamin Loring Johnson
By Mark M. Decker
Attorney.

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NO MODEL.

2 SHEETS—SHEET 2.

Fig. 3.

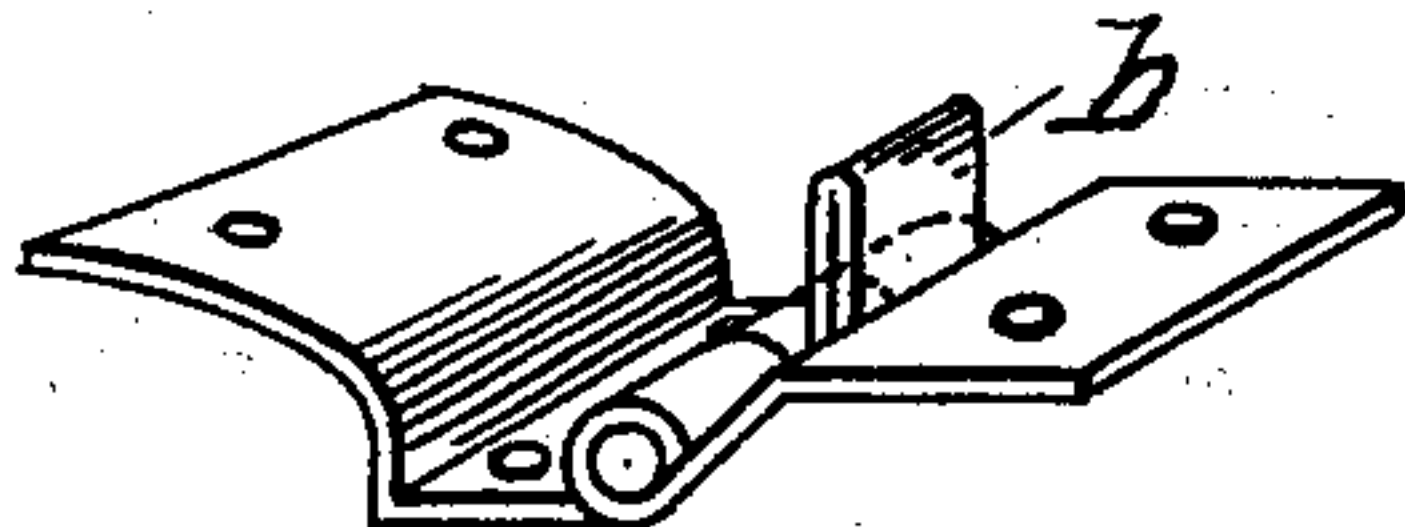
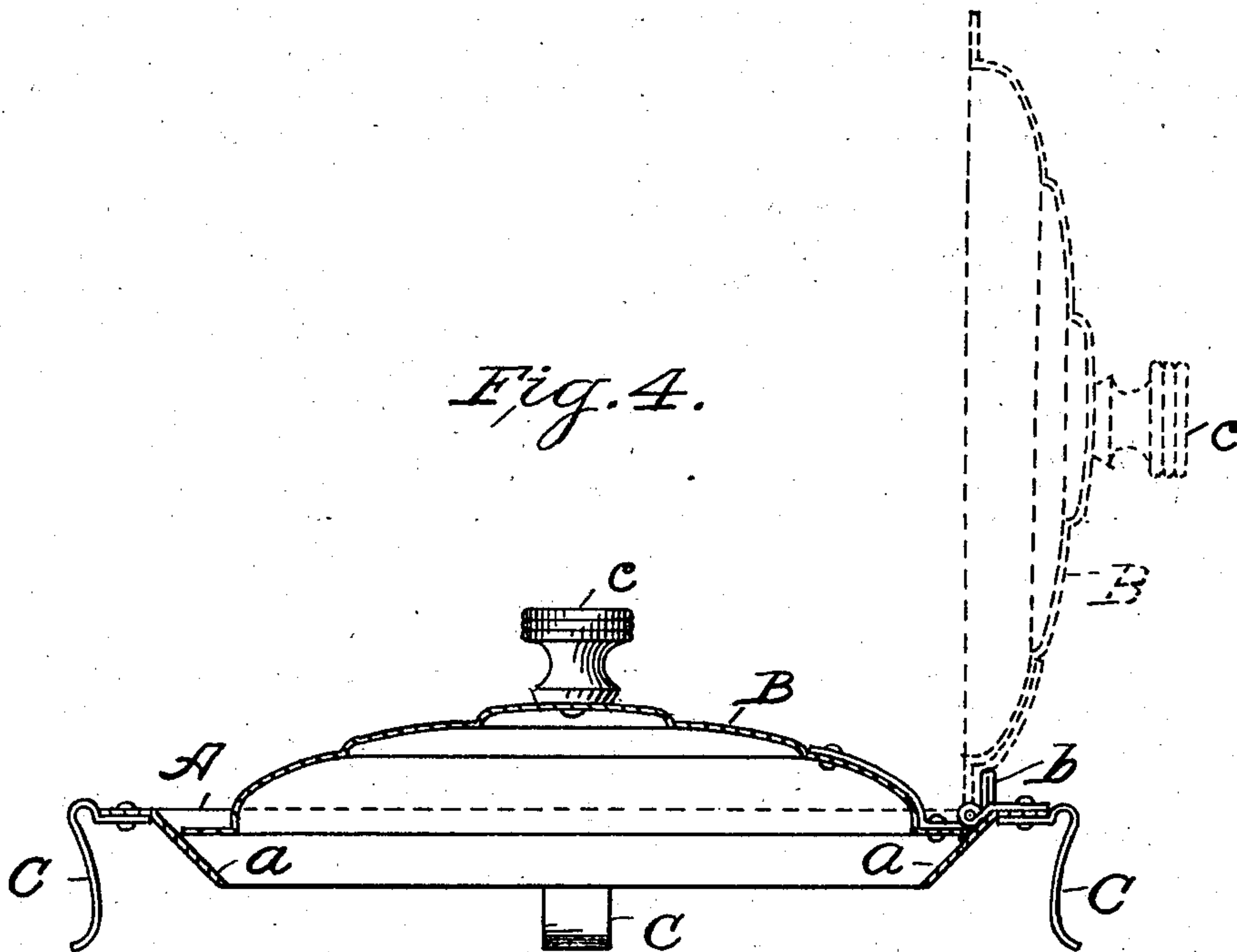


Fig. 4.



Witnesses:

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UNITED STATES PATENT OFFICE.

BENJAMIN LAKINS JOHNSON, OF WASHINGTON, PENNSYLVANIA, ASSIGNOR OF ONE-HALF TO WILLIAM F. AYERS, OF WASHINGTON, PENNSYLVANIA.

COVER FOR VESSELS.

SPECIFICATION forming part of Letters Patent No. 749,993, dated January 19, 1904.

Application filed September 22, 1903. Serial No. 174,206. (No model.)

To all whom it may concern:

Be it known that I, BENJAMIN LAKINS JOHNSON, a citizen of the United States, residing at Washington, in the county of Washington and State of Pennsylvania, have invented certain new and useful Improvements in Covers for Vessels, constituting an improvement on my former patent, No. 619,145, dated February 7, 1899; 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 covers for cooking utensils and other vessels, the object being to provide a cover which may be readily applied to the vessel and in which access may be had to the interior of the vessel without the necessity of removing the cover and also providing a perfect self-draining cover which will convey the water of condensation back into the vessel, thereby overcoming one of the most objectionable features of the covers now in use.

A further object is in providing means whereby the cover may be made to fit vessels of different sizes, which is one of the important features of this invention.

The invention consists in certain novel features and details of construction, as will appear hereinafter, and finally pointed out in the claim.

In the drawings, Figure 1 is a side elevation of my improved cover. Fig. 2 is a plan view of the same. Fig. 3 is a detail perspective view of the hinge employed; and Fig. 4 is a transverse sectional view of the cover, taken on line *x x* of Fig. 2.

Similar letters of reference indicate corresponding parts in the different figures of the drawings.

My improved cover is composed of a ring A, provided with a downwardly and inwardly projecting draining-surface *a*, which

is a material improvement over the draining portion of my former patent. Hinged to the ring is a lid B. The construction of the hinge is such as to form an upwardly-projecting lug *b*, which in turn forms a rest for the lid when in the open position. This hinge is secured to the ring and lid in any suitable manner, preferably by riveting, as shown in the drawings. A knob *c* is secured to the lid and handles *d* to the ring to prevent the hands being burned when handling the cover while in use. Springs or clamps C are provided and secured to the ring A for rigidly holding the cover in position while in use and particularly during the draining operation. The most important feature, however, of these springs or clamps is in adapting the covers for use on different sizes of vessels. The manner of securing said springs or clamps to the ring is preferably by means of rivets, although any other suitable means may be employed.

When the cover is in place, ready access may be had to the interior of the vessel by simply taking hold of the knob C and lifting the lid up into the position indicated by the dotted lines in Fig. 4. When in this position, the condensed water will be conveyed back into the vessel, thus overcoming one of the most dreaded inconveniences caused by the use of the ordinary vessel-covers.

This invention provides the best means known to me for draining the superfluous water from any article cooked in a vessel without losing or wasting any of it and without danger of the hands being burned by escaping steam.

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

A cover for vessels, consisting of a ring provided with a downwardly and inwardly projecting flange which forms a draining-surface, springs or clamps secured to said ring or disk adapting same to be used on vessels of vary-

ing sizes, a hinge secured to said ring or disk
and provided with an upwardly-projecting
lug, in combination with a lid connected with
said ring or disk by means of said hinge,
5 adapted when open to rest against said lug,
substantially as shown and described.

In testimony whereof I have hereunto set

my hand and affixed my seal, this 21st day of
September, 1903, in the presence of two wit-
nesses.

BENJAMIN LAKINS JOHNSON. [L. s.]

Witnesses:

MARK M. DECKER,

A. J. STREATOR.