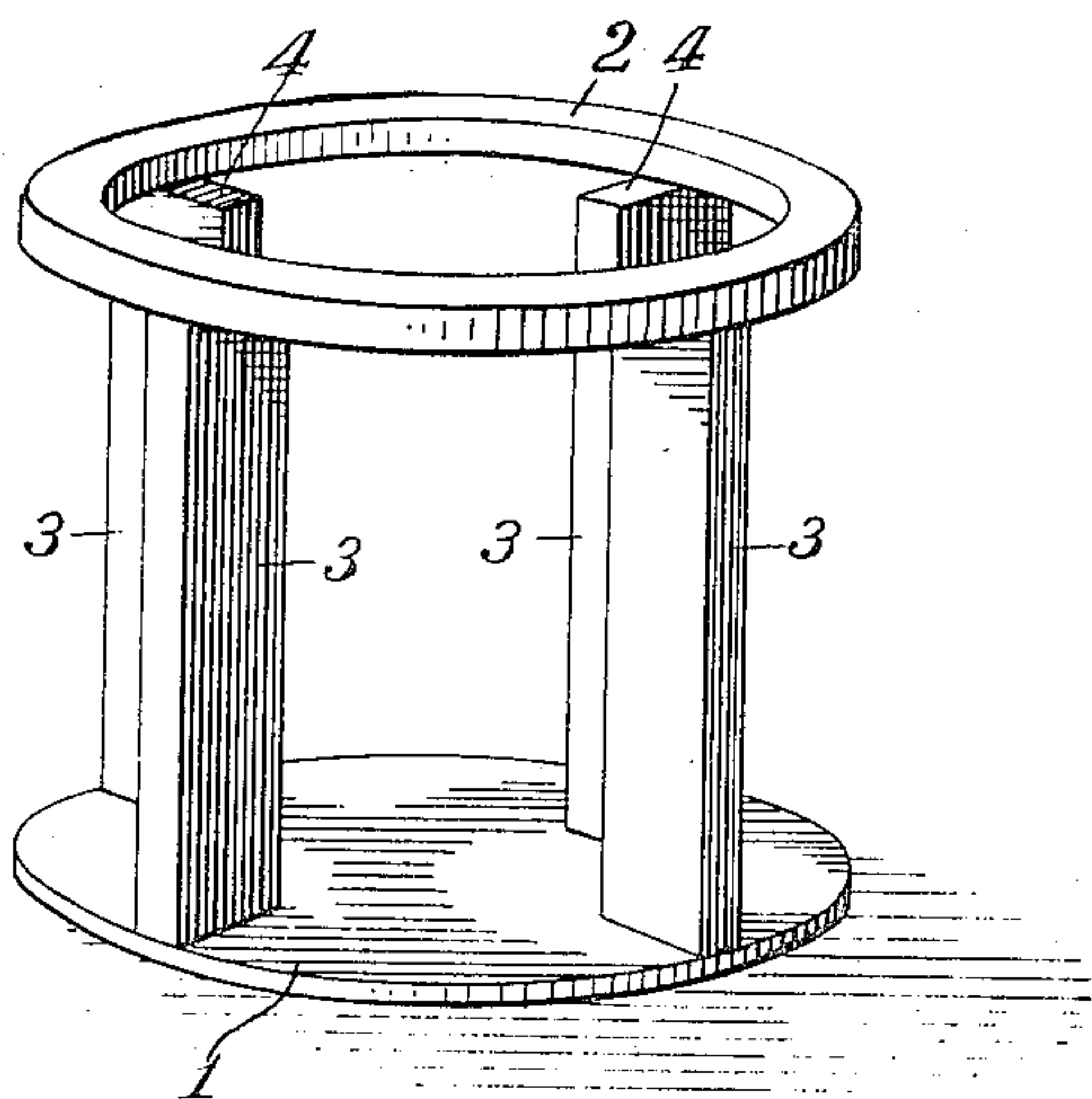


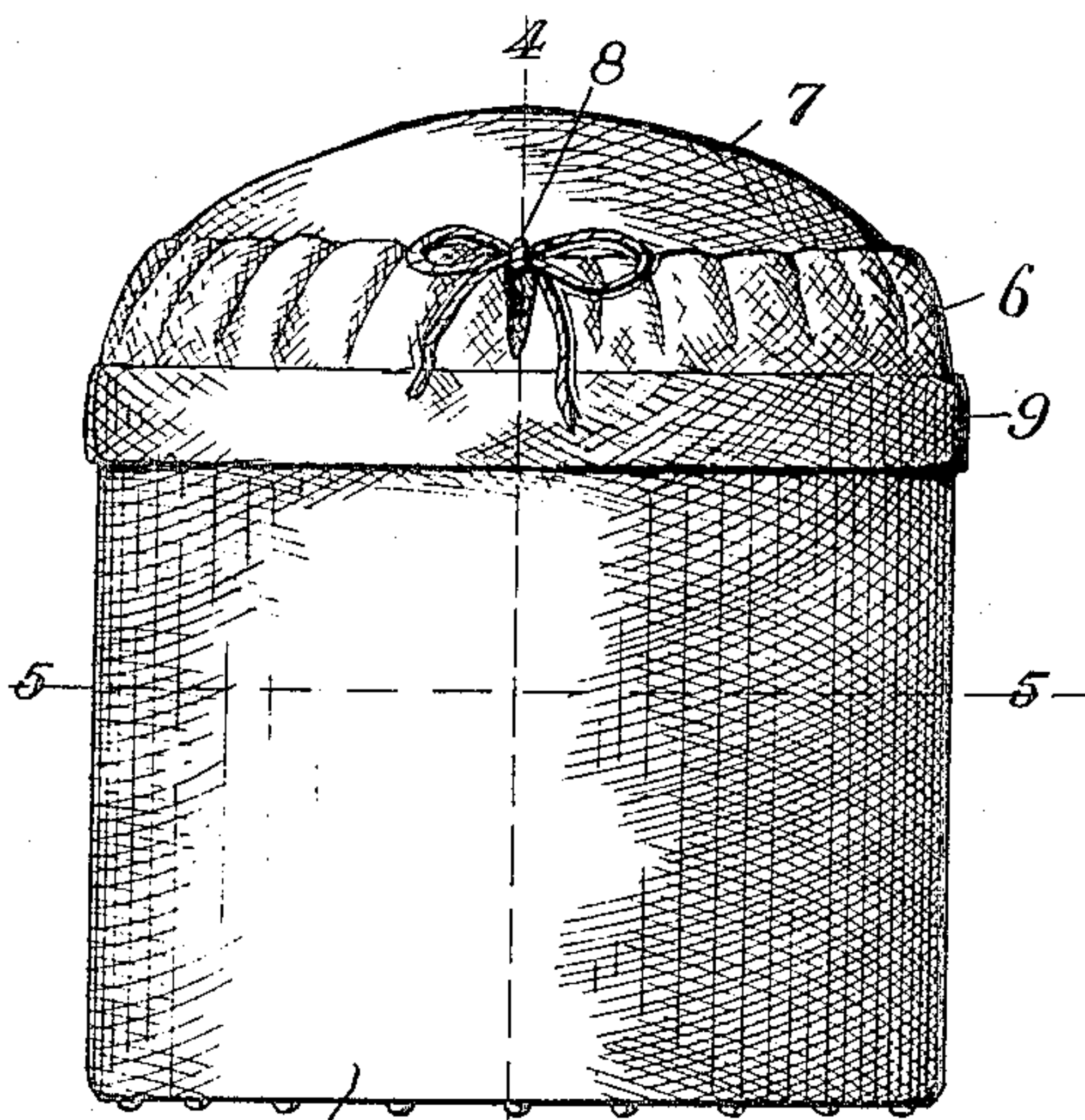
A. T. HALLOCK.  
FIRELESS COOKER.  
APPLICATION FILED MAR. 7, 1908.

917,055.

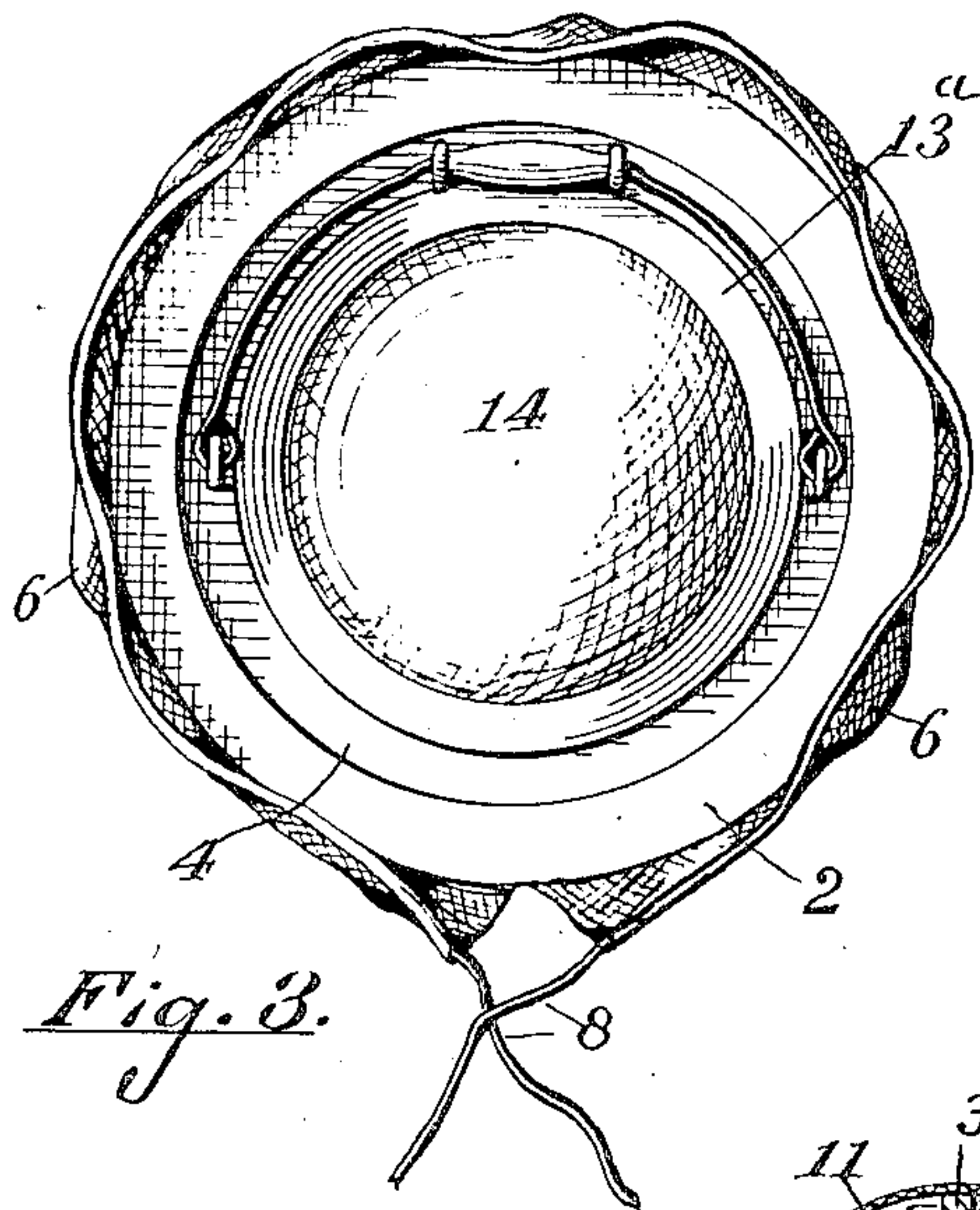
Patented Apr. 6, 1909.



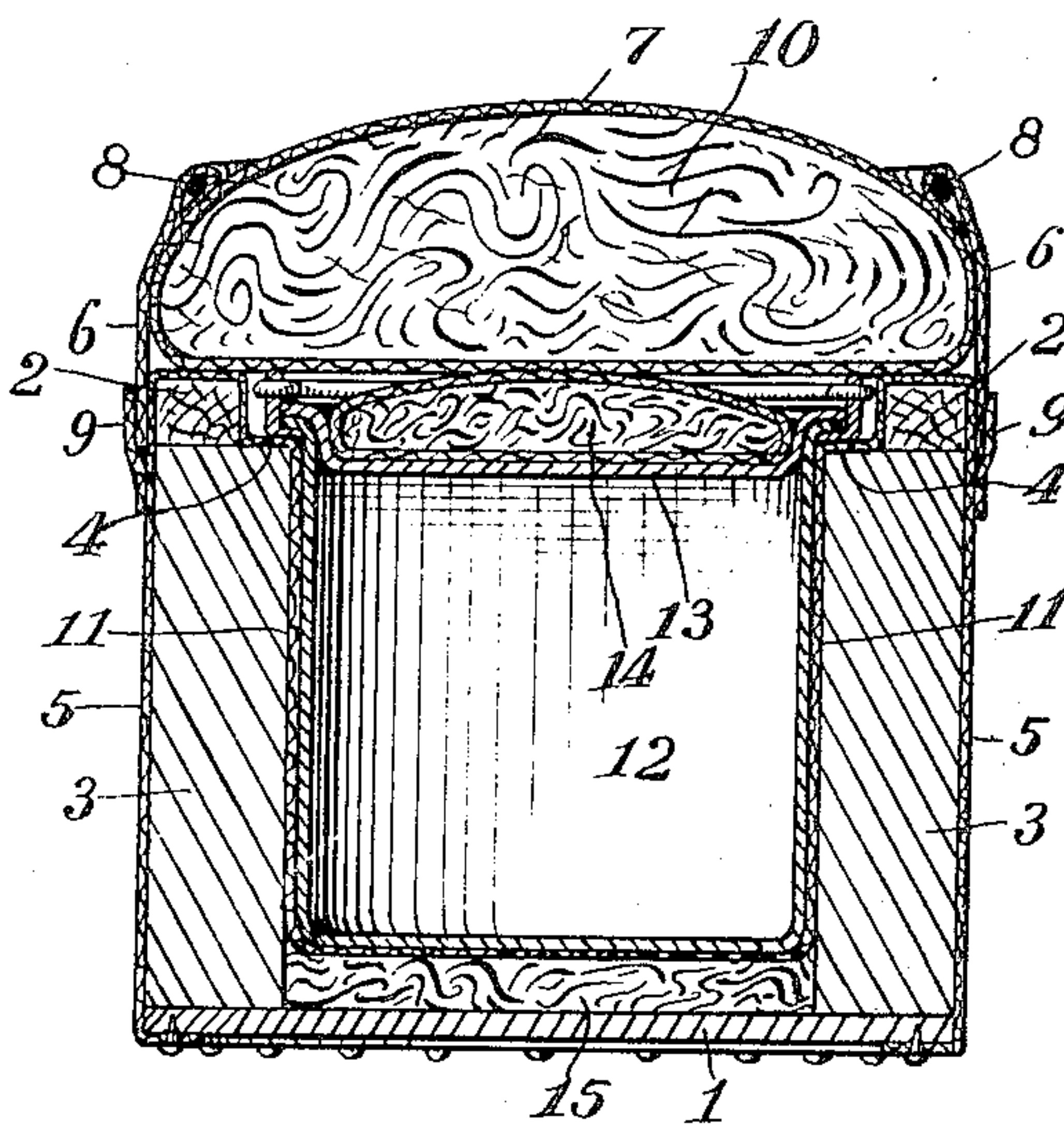
*Fig. 1.*



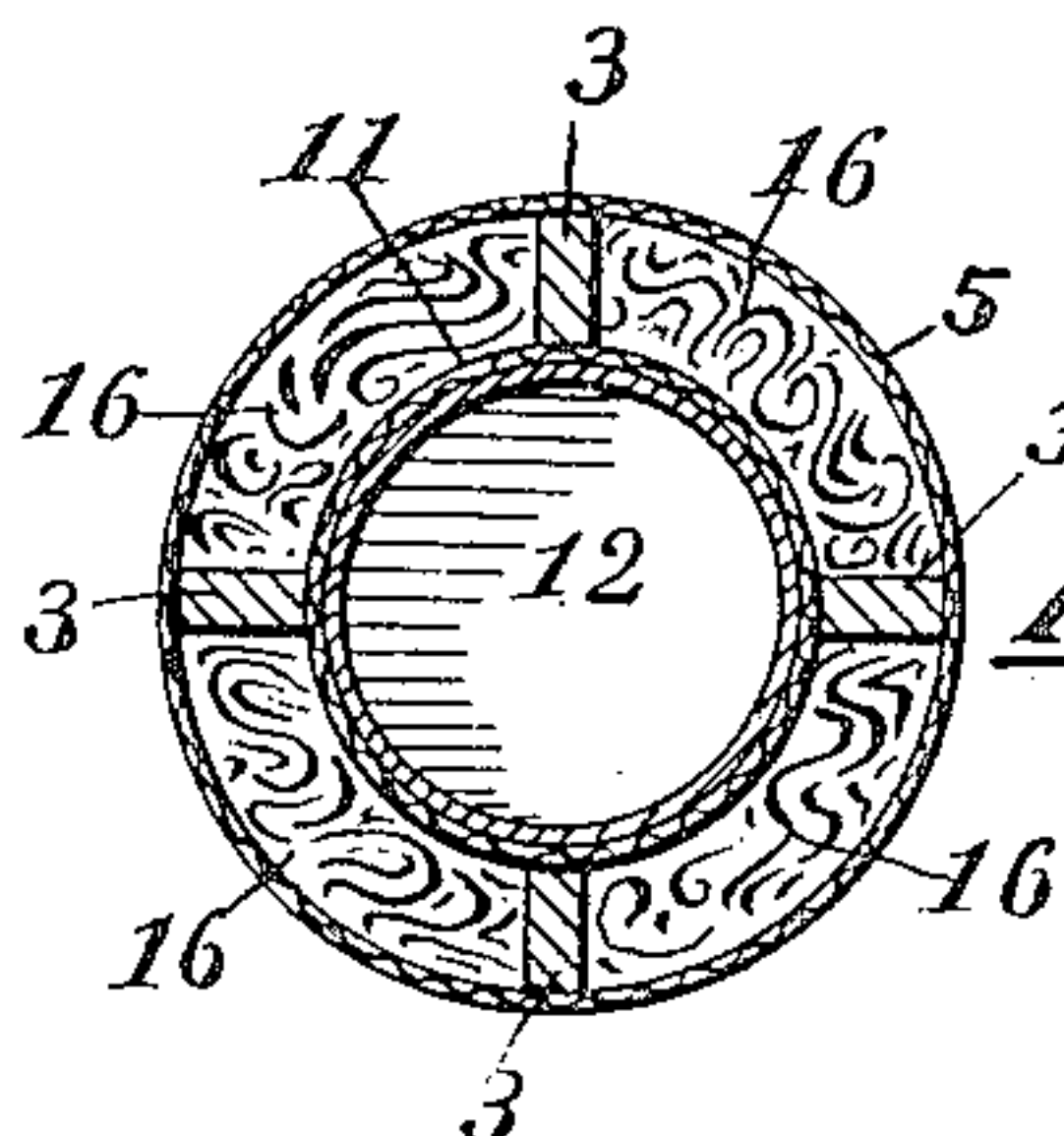
*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



*Fig. 5.*

Witnesses

*H. H. Moulton*  
*Palmer Jones*

Inventor

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Attorney



# UNITED STATES PATENT OFFICE.

ARTHUR T. HALLOCK, OF GRAND RAPIDS, MICHIGAN.

## FIRELESS COOKER.

No. 917,055.

Specification of Letters Patent.

Patented April 6, 1909.

Application filed March 7, 1908. Serial No. 419,758.

*To all whom it may concern:*

Be it known that I, ARTHUR T. HALLOCK, a citizen of the United States of America, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Fireless Cookers; 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 fireless cookers, and its object is to provide a light, compact, and portable device; and to provide the same with various new and useful features hereinafter more fully described and particularly pointed out in the claims, reference being had to the accompanying drawings, in which:

Figure 1. is a perspective of the frame of the device; Fig. 2. an elevation of the device complete, and closed; Fig. 3. a plan view of the same with the upper insulating pads removed; Fig. 4. a vertical section of the same on the line 4—4 of Fig. 2.; and, Fig. 5. a horizontal section of the same on the line 5—5 of Fig. 2. shown on a reduced scale.

Like numbers refer to like parts in all of the figures.

The frame of the device consists essentially of a light skeleton structure consisting of a bottom 1 preferably in the form of a disk, a series of posts 3 mounted near the periphery of the disk and preferably arranged in radial relation, these posts being connected and surmounted by a ring 2 and projecting inward therefrom as at 4 to form a ledge to support the cooking vessel, as hereafter described. An outer covering or jacket 5 is placed on this frame and secured at its respective upper and lower edges to the ring 2 and base 1, thus forming a cylindrical outer covering supported by the frame and preferably of woven fabric of any preferred material. An inner lining 11 preferably also of woven fabric in the form of a tubular sack or receptacle is provided which also extends outward at the top over the projecting shoulders 4 of the posts 3 and over the ring 2 and is also supported by the frame. Between the outer jacket 5 and inner lining 11 is inserted heat insulating material 16 preferably of excelsior or some similar substance. The bottom of the lining 11 is also spaced apart from the base 1 and therebetween is also inserted similar non-

conducting material 15. Within this lining is placed the cooking vessel 12 which is provided with a cover 13 having a sunken inner portion within the upper part of the vessel and an outwardly projecting rim 13<sup>a</sup> resting upon the top of the vessel. Upon this cover is placed a pad 14 filled with non-conducting material and above this pad and extending above the ring 2 at its margin is a larger pad 7 also filled with non-conducting material 10. This latter pad is retained in place by a flexible upwardly projecting retainer 6 preferably of woven fabric, secured at its lower edge to the ring 2 and thence extending upward surrounding the pad 7 and drawn inward or contracted around the same at the upper edge, to securely hold the pad in place, by means of a draw string or cord 8 inserted in a hem in the upper edge of the retainer 6. The lower edge of this retainer is preferably covered by a band 9 to provide a neat and finished appearance to the device.

It will be noted that this structure is light and strong, and at the same time sufficiently rigid to retain its form when the cooking vessel is placed therein, and effectually insulates the same from the extraneous surroundings to prevent heat from escaping from said vessel.

What I claim is:

1. A fireless cooker comprising a frame, an outer covering and an inner lining attached to the frame and each supported thereby, heat insulating material between the covering and lining, and a removable pad of heat insulating material above the frame.

2. A fireless cooker, comprising a flexible outer covering, a flexible inner lining, a frame between the covering and lining and supporting the same, heat insulating material between the covering and lining, and a heat insulating pad forming a detachable cover.

3. In a fireless cooker, an open frame having a circular outline, a fabric covering attached to the frame and supported thereby, a fabric lining within the frame and supported thereby, heat insulating material between the covering and lining, and a removable pad above the frame and containing heat insulating material.

4. In a fireless cooker, a frame comprising a discous base, vertical posts mounted on the margin of the base, a ring mounted on the



top of the posts and connecting the same, a tubular covering attached at its upper and lower ends respectively to the ring and base, an inner tubular lining attached to the ring and extending to near the base, heat insulating material between the covering and lining and a pad containing heat insulating material and forming a removable cover.

5. In a fireless cooker, a frame, an outer covering and an inner lining attached to the frame and supported thereby, heat insulating material between the covering and the lining, a pad of heat insulating material forming a removable cover, a flexible retainer surrounding the pad and means for contracting the upper edge of the retainer around the pad to retain the latter in place.

6. In a fireless cooker, an outer covering and an inner lining each being of cylindrical form and spaced apart, heat insulating material between the same, a pad containing heat insulating material and forming a removable cover, an upward and flexible extension of the covering surrounding the pad, and means for contracting the upper edge of said extension about the pad.

7. In a fireless cooker, the combination of a frame, comprising a base having a circular outline, a ring of corresponding outline above the base and spaced apart therefrom, vertical posts extending between the ring and the margins of the base and projecting inward from the ring at their upper inner angles, an outer covering and an inner lining attached to the frame, heat insulating ma-

terial between the covering and lining, a cooking vessel supported by the posts and within the lining, a pad of heat insulating material above the vessel and ring, a flexible retaining member attached to the ring and surrounding the pad and a draw string in the upper edge of the said member to contract the same around the pad.

8. In a fireless cooker, the combination of a discous base, a ring above the same and spaced apart therefrom, vertical posts between the margin of the base and the ring and having their inner upper angles projecting inward from the ring, a fabric covering attached to the base and ring, an inner lining attached to the ring and spaced apart from the base, heat insulating material between the lining and covering and between the lining and base, a cooking vessel supported by the posts and within the lining, a cover on the vessel having a depressed inner portion within the vessel and a ring resting on the top of the same, a pad of insulating material within the cover, a second and larger pad of like material above the same and extending above the ring, a flexible retainer attached to the ring and surrounding the last named pad, and means for contracting the upper edge of the retainer.

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

ARTHUR T. HALLOCK.

Witnesses:

OLIVER B. ROWLITTE,  
LUTHER V. MOULTEN.