Feb. 27, 1923. 1,446,709

A. B. LEYSE

COOKING UTENSIL

Filed Feb. 11, 1922

FIG. 1

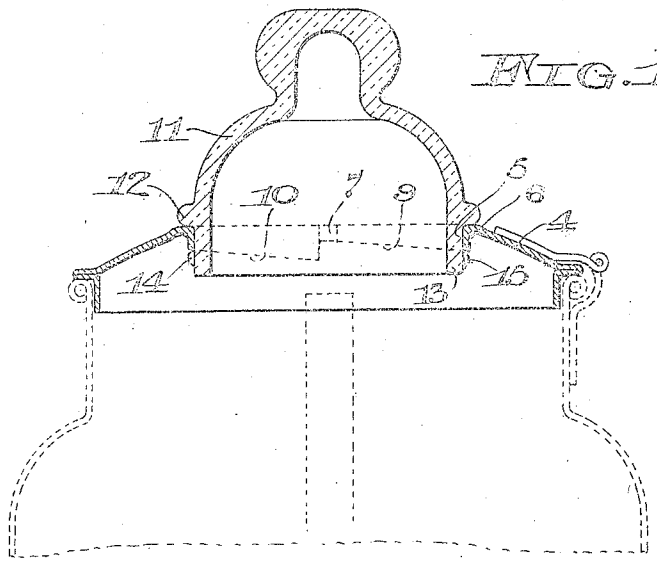


FIG. 2

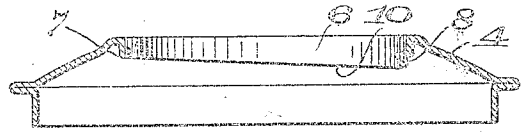
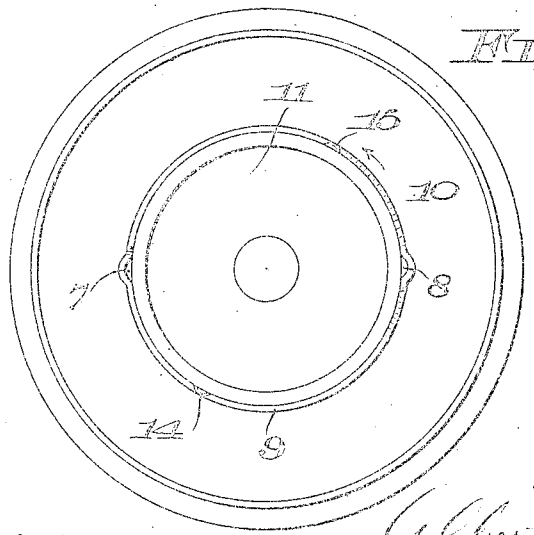


FIG. 3



WITNESSES

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UNITED STATES PATENT OFFICE.

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COOKING UTENSIL.

Application filed February 11, 1922. Serial No. 535,921.

To all whom it may concern:

Be it known that I, ALBERT B. LEYSE, a citizen of the United States, and resident of Kewaunee, in the county of Kewaunee and State of Wisconsin, have invented new and useful Improvements in Cooking Utensils, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

The invention relates to cooking utensils, and more particularly to percolators or other devices using a glass top or cap in the cover.

The object of the invention is to provide a connection between the glass top and the cover which will securely lock the top to the cover and which will permit of ready attachment of the parts.

With the above and other objects in view the invention consists in the device hereinafter described and all equivalents.

In the drawings: Fig. 1 is a vertical sectional view of a device embodying the invention; Fig. 2 is a detail sectional view of the cover; Fig. 3 is a bottom plan view of a device embodying the invention.

In the drawings the numeral 4 designates a cover provided with a central opening 5 having a depending flange 6 surrounding said opening. This flange has diametrically disposed recesses 7 and 8 formed therein and the bottom side of said flange is shaped to form oppositely disposed inclined or cam surfaces 9 and 10. The depth of the flange gradually increases from the recess 7 to the recess 8 to form the cam surface 9 and gradually increases from the recess 8 to the recess 7 to form the cam surface 10. Thus the high parts of these cam surfaces are on opposite sides of the respective recesses 7 and 8.

A glass cap or top 11 is provided with a flange or shouldered portion 12 above its lower edge 13 and with diametrically disposed projections 14 and 15 adapted to register with the recesses 7 and 8, the lower end portion of the cap being of a diameter to fit in the opening 5.

With this construction, when the cap is positioned in line with the opening 5 and the projections 14 and 15 in line with the recesses 7 and 8, said cap is pushed inwardly to bring the flange 12 against the cover and then by turning said cap to the right, when viewed from on top, the projections 14 and 15 ride on the cam surfaces 9 and 10 until the flange 6 is tightly wedged between the flange 12 and the projections 14 and 15 so that the cap is securely locked to the cover. While it is customary to insert glass tops in percolator covers, the connections are such that after the tops have been removed, cleaned and replaced a number of times the covers wear and the glass tops become loose, with the consequent annoyance of the tops falling off and, in most cases, breaking, whereas with the present construction the inclined edges of the cover always insure a tight fit between the glass top and said cover even after repeated removals.

What I claim as my invention is:

In a cooking utensil, the combination of a metal cover provided with an opening and a depending flange surrounding said opening, said flange being provided with recesses and inclined lower edges, a removable glass top having its lower end extending into and through said opening with an external flange adjacent said end and seated on said cover, the inner end of said top being provided with outwardly extending projections adapted to register with said recesses whereby to permit their passage to the lower edges of the flanges, said projections when engaging the flanges and turned with respect thereto tightly wedging the cover between them and the flange on said top.

In testimony whereof, I affix my signature.

ALBERT B. LEYSE.