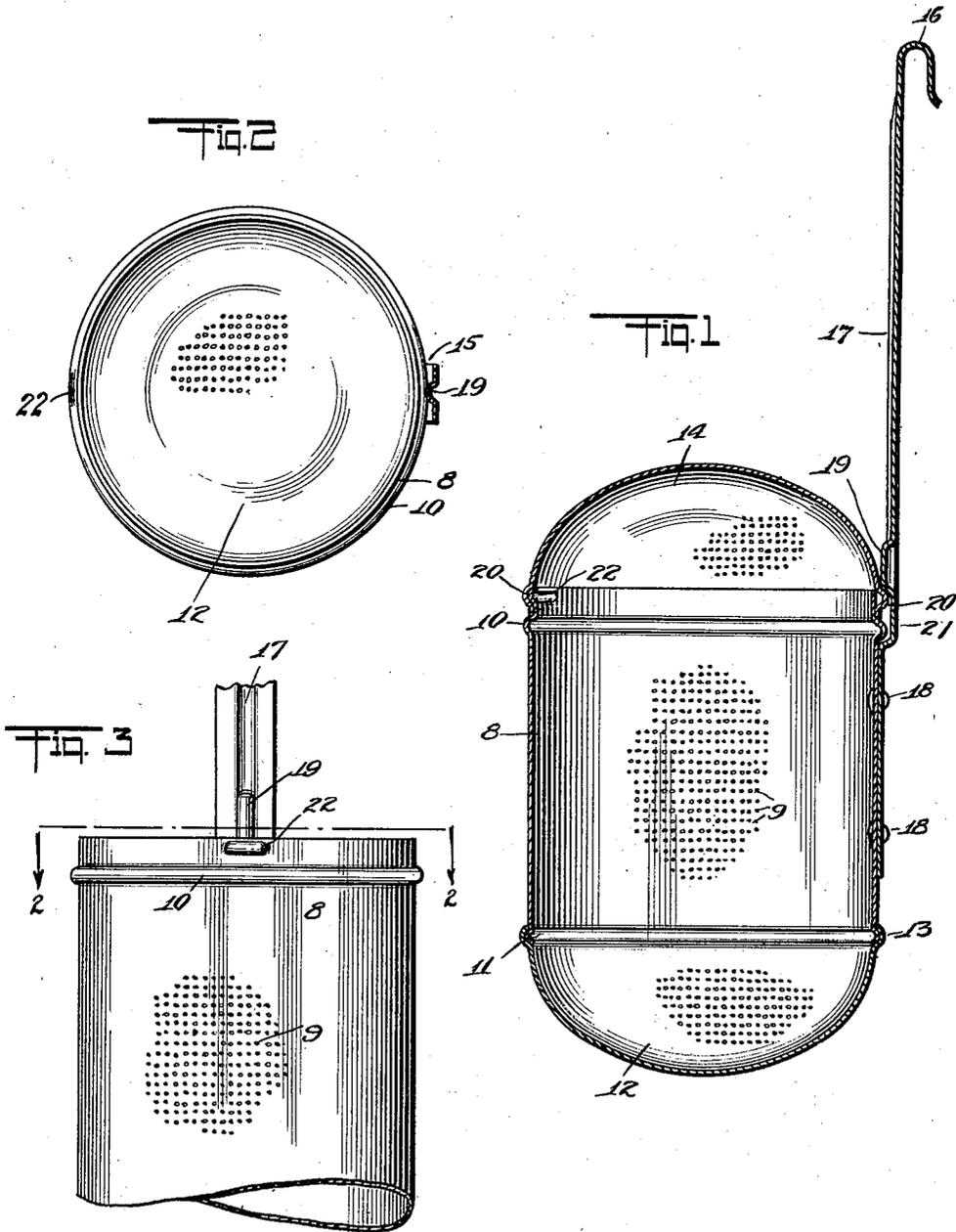


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COFFEE PERCOLATOR.
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1,387,128.

Patented Aug. 9, 1921.



WITNESS
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COFFEE-PERCOLATOR.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HENRY COWAN, a citizen of the United States, and a resident of New York city, in the county of New York, and State of New York, have invented certain new and useful Improvements in Coffee-Percolators, of which the following is a full, clear, and exact description.

Among the principal objects which the present invention has in view are: to lock a removable cover for a container of the character mentioned in service position; to simplify and cheapen the construction; and to avoid unsanitary features of construction.

Drawings.

Figure 1 is a vertical section of a percolator constructed and arranged in accordance with the present invention.

Fig. 2 is a top plan view of the same, partly in section, the cover being removed, the section being taken on the line 2-2 in Fig. 3.

Fig. 3 is a front view of the percolator and handle thereof, the cover being removed.

Description.

As shown in the drawings the percolator container has a cylindrical body portion 8. The body portion 8 is constructed of thin metal such as aluminum and is provided with perforations such as are indicated by the numeral 9 throughout its structure. The body portion 8 is reinforced by annular projected ridges 10 and 11 to render the structure more rigid and less liable to being crushed. The ridge 11 serves the further purpose of locking in service the curved bottom 12. The bottom 12 has an annular ridge 13 which is forced over or spun over the ridge 11 as illustrated in Fig. 1 to thereafter maintain permanent the connection between the said bottom 12 and the body portion 8. The ridge 10 forms a stop member for the curved top 14, the lower edge whereof rests on the ridge 10 in service.

The percolator is supported in service by a hand 15, at the upper end whereof is a hook 16 that rests over the upper edge of the coffee pot or other utensil to support the percolator body and the contents therein, above the bottom of said pot or utensil. To permit the use of thin sheet material in the construction of the handle 15, the same has

a longitudinal ridge 17 which stiffens the construction material. A handle is secured to the body portion in any suitable manner, that shown in the drawings being by use of rivets 18.

To lock the cover 14 in position when the percolator is in service, a projection 19 is forced forward from the front face of the handle 15 to overhang the annular ridge 20, with which the cover 14 is provided adjacent the edge thereof.

As shown best in Fig. 1 of the drawings, the ridge 20 extends under the projection 19 which is thereafter held in service relation to the ridge 20 by the resiliency of the flat portion 21 of the handle situated between the said projection 19 and the portion of the handle which is rigidly secured to the body portion 8. At the forward side of the body portion 8 and in line with the ridge 20 is a second projection 22 which is struck out and forward from the annular rim of the body portion 8. Sufficient resiliency exists in the structure of the cover 14 to yield sufficiently for the lower edge of the same to pass over the projection 22 to thereafter snap under the same in locking relation thereto.

From the foregoing, it will be seen that after percolator has received its charge of coffee or other material, the cover 14 is placed in position. This is done by initially inserting the edge of the cover 14 under the projection 19. The handle 15 is pressed back slightly swinging on the section 21 to snap into line when the ridge 20 of the cover has entered below the lower end of the projection 22. The cover 14 is then pressed down into position where the ridge 20 likewise engages the projection 22 at the front of the percolator body. It will be seen that in this position force has to be applied to the cover to remove the same from its service relation to the body portion 8. This avoids the accidental dislodgment of the cover 14, to which disadvantage the articles of this character heretofore have been subject.

Claims.

1. An article as characterized comprising an open-ended container; a suspension member rigidly attached thereto; a removable cover for said container, said cover having an outwardly projecting reinforcing ridge adjacent the open edge thereof; a locking member permanently formed on said sus-

pension member for engaging said ridge when said cover is installed in service.

2. An article as characterized comprising an open-ended container; a suspension member rigidly attached thereto; a removable cover for said container, said cover having an outwardly projecting reinforcing ridge adjacent the open edge thereof; and a projection formed on said suspension member for engaging said ridge to hold said cover in service relation to said container.

3. An article as characterized comprising an open-ended container; a suspension member rigidly attached thereto; a removable cover for said container, said cover having an outwardly projecting reinforcing ridge adjacent the open edge thereof; a locking member permanently formed on said suspension member for engaging said ridge

when said cover is installed in service; and locking means for holding said cover in service, embodying a projection formed on the edge of said container for engaging internally the reinforcing ridge on said cover.

4. An article as characterized comprising an open-ended container; a suspension member rigidly attached thereto; a removable cover for said container, said cover having an outwardly projecting reinforcing ridge adjacent the open edge thereof, and a projection formed on said suspension member for engaging said ridge to hold said cover in service relation to said container; and locking means for holding said cover in service embodying a projection formed on the edge of said container for engaging internally the reinforcing ridge on said cover.

HENRY COWAN.