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1,669,284

E. CHETHAM

STRAINER

Filed Aug. 21, 1926

Fig. 1.

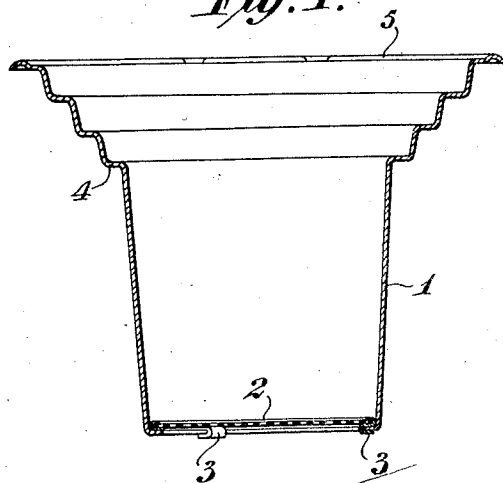
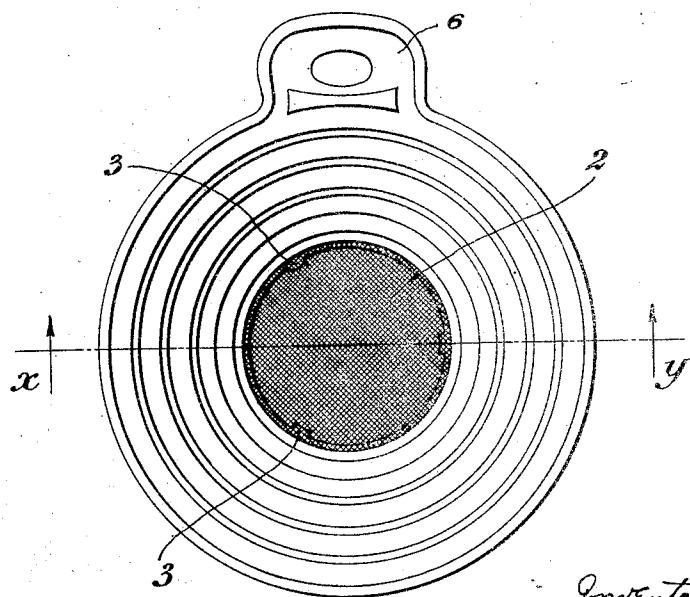


Fig. 2.



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UNITED STATES PATENT OFFICE.

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STRAINER.

Application filed August 21, 1926, Serial No. 130,701, and in Great Britain August 31, 1925.

This invention relates to a new or improved combined stepped-lid (i. e. a member to fit in the usual lid-opening of a kettle or the like, or to fit in the mouth of a cup, jug or the like) and strainer for kettles and cooking utensils and other usages. The object of the invention is to provide a straining device with the known stepped-lid formation of the underpart or bottom thereof whereby it is adapted to fit into apertures of various sizes in kettles and other receptacles or appliances.

Broadly, the invention consists in incorporating a straining device with the lowermost step or a downwardly depending prolongation of said lowermost step, the said strainer device being either integral with or attached to the stepped-lid, the lid being provided, if desired, with a suitable cover. It is apparent that a number of constructions embodying the essence of my invention, namely a combined stepped-lid and strainer, may be provided.

An embodiment is illustrated in the accompanying drawing, wherein:—

Figure 1 is a vertical section on the line *x, y* of Figure 2; and,

Figure 2 is a plan view.

In the form illustrated, the lowermost step 1 of the lid is drawn out in elongated manner to form a downwardly depending chamber in the bottom of which a strainer 2 is provided. The strainer, which is constructed of gauze or is otherwise provided with a plurality of perforations, may be fixedly secured to, or made detachable from the sides of the elongated chamber, which sides may be cylindrical or tapered as shown, as desired. A detachable strainer is illustrated wherein fingers 3 on the strainer frame are bent round an annular flange or seating at the bottom of the tubular wall 1. The wall 1 may itself be perforated either in addition to or in lieu of the bottom 2.

In a modified form, the whole of the elongated chamber 1 could be detachable from

the lid proper. As an alternative, the elongated chamber 1 may be dispensed with and the strainer device, either fixed or detachably placed in the bottom of the lowermost step 4 of the lid portion proper. The strainer proper 2 may be provided with a flat or bulged surface.

The fixed and rigid top which is usually provided with stepped-lids across the top opening 5 is dispensed with and a separate movable cover, of the drop-in flanged type or a hinged-flap cover, may be substituted therefor. A plain uncovered opening is, however, shown. An arched handle may be provided to lift the stepped-lid and strainer together, same being secured to the top of the lid proper, the handle being mounted on oppositely disposed pivot pins so that it may be swung down out of the way of the movable cover when not in use. Or a horizontally disposed handle portion 6, as shown, may be furnished.

The combination above referred to and described is of universal use for straining all kinds of substances, but it is especially applicable for use as an infuser for tea, coffee and the like. It may be employed as a petrol or the like strainer for pouring devices, funnels and so forth.

I claim:—

A device adapted for use as a strainer and for other purposes comprising a cylinder having a slightly tapering elongated plain body portion fitted at its lower end with a strainer member and formed at its upper end with a series of offset shoulders of progressively increasing diameter to provide a flared funnel-like receiving mouth for the body, and one edge of the uppermost shoulder being laterally offset to provide a finger gripping portion.

In testimony whereof I have affixed my signature hereto this 11th day of August 1926.

EDWARD CHETHAM.