

915,519.

S. R. WHITEHEAD.
MILK STRAINER.
APPLICATION FILED OCT. 23, 1908.

Patented Mar. 16, 1909

Fig. 1.

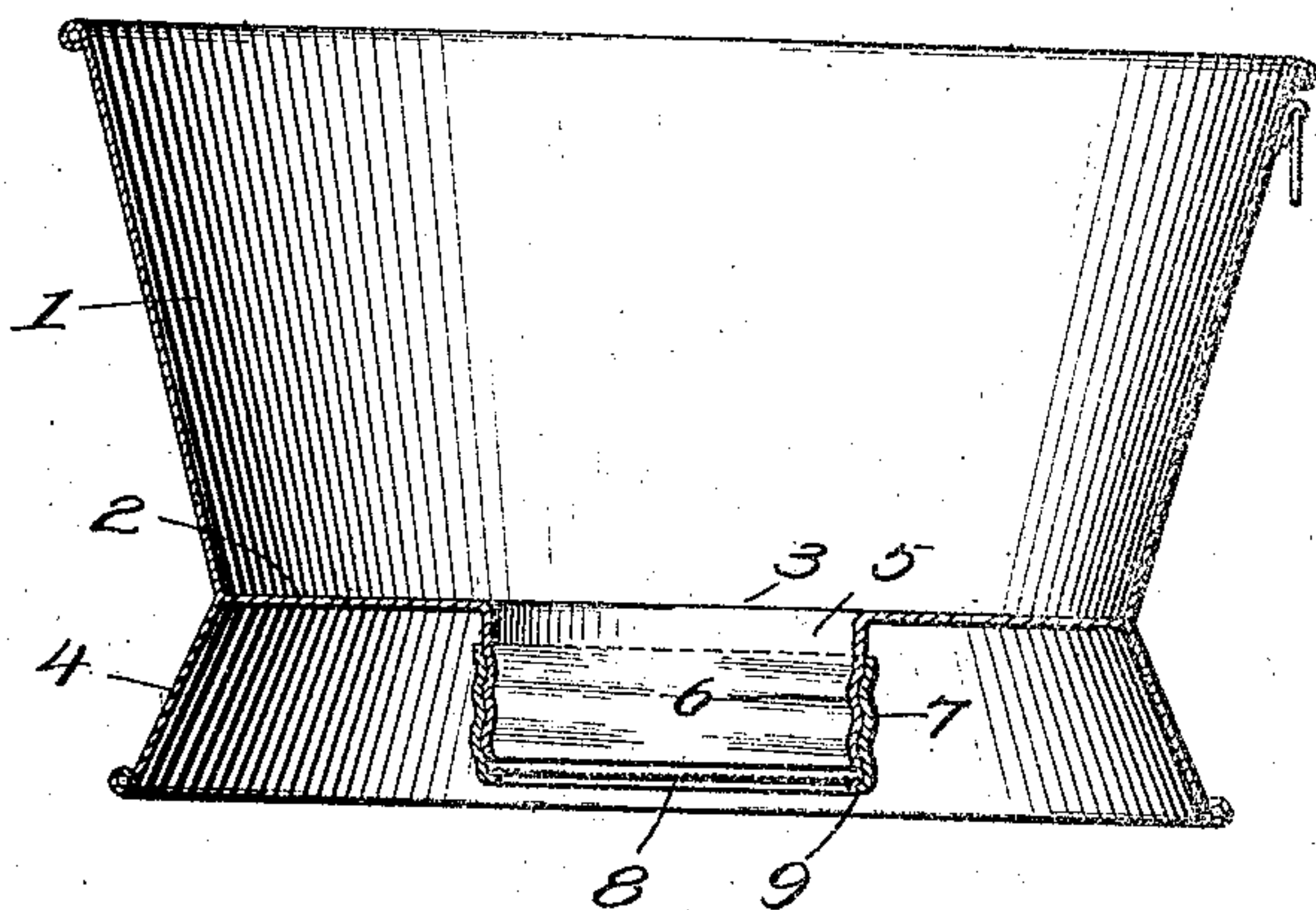
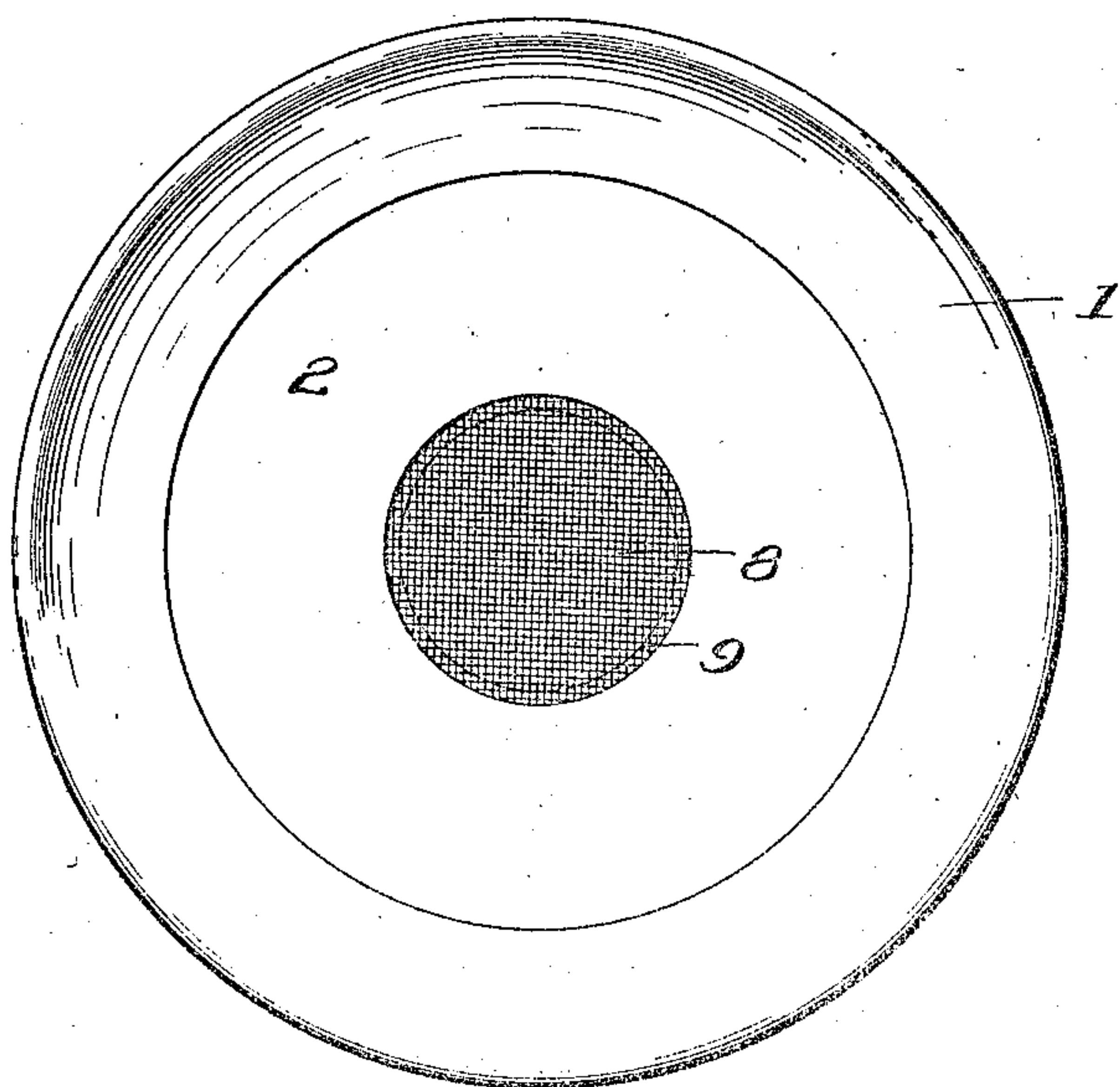


Fig. 2.



Witnesses

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STEPHEN R. WHITEHEAD, OF OVERTON, NEVADA.

MILK-STRAINER.

No. 915,519.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, STEPHEN R. WHITEHEAD, a citizen of the United States, residing at Overton, in the county of Lincoln and State of Nevada, have invented new and useful Improvements in Milk-Strainers, of which the following is a specification.

This invention relates to milk strainers, the object in view being to provide a liquid containing vessel having means whereby the contents of the vessel may be strained, the chief aim of the invention being to provide a removable straining element capable of easy application and removal to enable the straining element to be easily cleansed and when worn out or ineffective as a strainer to be replaced by a new one.

A further object of the invention is to arrange the straining element in such relation to the body of the strainer that it will be effectively protected and guarded against injury and the accumulation of deleterious substances about the same, thus rendering the same sanitary.

With the above and other objects in view the invention consists in the novel construction, combination and arrangement of parts herein fully described and claimed.

In the accompanying drawings, Figure 1 is a vertical diametrical section through a milk strainer constructed in accordance with the present invention. Fig. 2 is a plan view of the same.

1 designates the body of the strainer which, while shown of inverted frusto-conical form, may of course, be of any desirable shape suitable to receive and hold the desired quantity of milk or other liquid to be strained. The vessel embodies a flat bottom 2 which is provided with a central aperture 3, the body of the vessel being also provided with a downwardly extending bottom flange or chime 4 upon which the receptacle or vessel rests and which is also adapted to fit upon an underlying receptacle adapted to receive the liquid as it is discharged from the strainer.

The central aperture is surrounded and inclosed by a downwardly extending tubular nozzle 5 which is threaded as shown at 6 to receive a threaded sleeve or cap 7 adapted to screw upon the nozzle from the under side as

shown in Fig. 1. The threads of the nozzle 5 and sleeve or cap 7 may be formed by corrugating or crimping said parts spirally as clearly indicated in Fig. 1 thus materially cheapening the cost of construction.

The threaded sleeve or cap 7 has the lower end thereof closed by a section of gauze or other suitable straining material as shown at 8, said gauze strainer being permanently secured along its marginal edge to the sleeve or cap which, for the purpose, may be provided at the bottom with an intumed annular flange 9 to form a support for the marginal edge of the straining gauze. It will be observed that the bottom flange or chime 4 completely encircles the nozzle 5 and the straining element which is detachably fitted thereon, and also extends downward below the plane of the bottom of said nozzle and the straining element connected therewith, thereby forming an effective guard or protector for the strainer, enabling the device as a whole to rest upon a table or other support without the straining gauze coming in contact with the supporting surface. It is intended to provide each device with several additional straining sleeves or caps 7 which are interchangeable thereby adding materially to the life and efficiency of the device as a whole without adding materially to the expense to the consumer.

I claim:—

A strainer comprising an upwardly flaring liquid receptacle provided with a flat centrally apertured bottom, a threaded nozzle projecting downward from the apertured bottom and embracing the aperture therein, an integral downwardly flaring chime encircling said nozzle and extending below the plane of the bottom of the nozzle, and a threaded and removable cap screwed upon said nozzle and closed at its lower end by strainer gauze, the bottom being located above the plane of the bottom edge of the chime, substantially as described.

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

STEPHEN R. WHITEHEAD.

Witnesses:

GEO. E. PERKINS.

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