

W. E. SMITH.
 COMBINED STRAINER AND FUNNEL.
 APPLICATION FILED JAN. 17, 1912.

1,046,881.

Patented Dec. 10, 1912

Fig. 1.

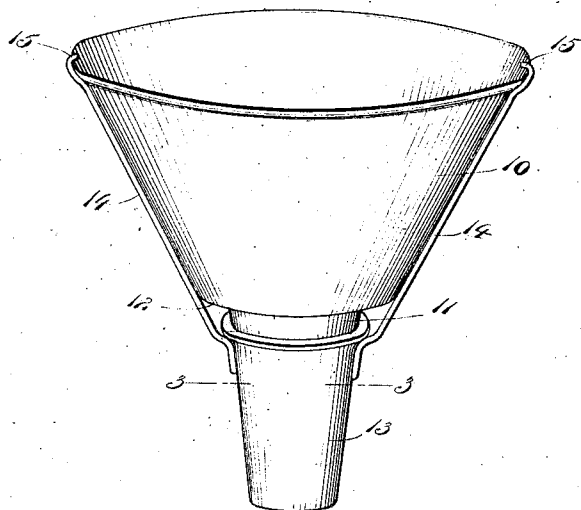


Fig. 2.

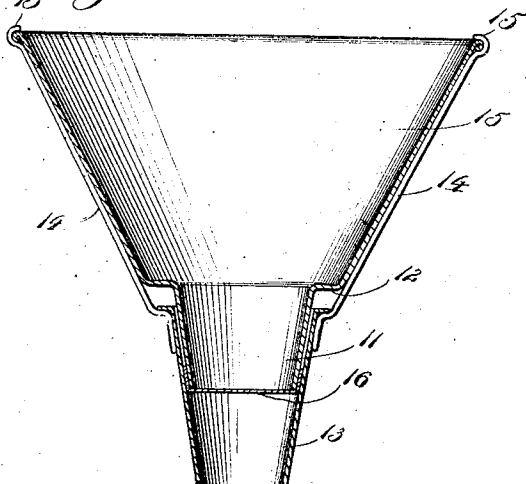
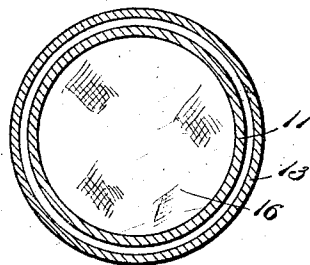


Fig. 3.



Witnesses

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COMBINED STRAINER AND FUNNEL.

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To all whom it may concern:

Be it known that I, WILLIAM E. SMITH, a citizen of the United States, residing at Pineville, in the county of Bell and State of Kentucky, have invented new and useful Improvements in Combined Strainers and Funnels, of which the following is a specification.

An object of the invention is to provide a combined funnel and strainer, particularly adaptable for straining foreign substances from fluids.

The invention embodies more particularly a funnel body, terminating in a tapering neck adapted to slidably receive a spout member, which when connected with the funnel body will constitute a spout therefor, spring-like gripping members secured to the spout body and adapted to frictionally engage the outer sides of the funnel body and a strainer cloth adapted to be interposed between the neck of the said funnel body and the neck of the said spout body to strain foreign substances from fluids poured into the funnel body.

In the further disclosure of the invention, reference is to be had to the accompanying drawings constituting a part of the specification, in which similar characters of reference denote corresponding parts in all the views and in which—

Figure 1 is a perspective view. Fig. 2 is a vertical sectional view. Fig. 3 is a horizontal sectional view taken on the line 3—3 in Fig. 1.

Referring more particularly to the views, I provide a funnel body 10 terminating at the lower end in a tapering neck 11, a circular bottom 12 being formed on the funnel body 10 between the neck 11 and the funnel body. A spout body 13 is adapted for slidable engagement with the neck 11, the said spout body being tapered similarly to the neck and adapted to partially inclose the neck when arranged in slidable engagement therewith. Secured to the spout body 13 are spring-like gripping members 14 having the upper ends thereof provided with integral hooks 15 adapted to extend over the upper edge of the funnel body 10 to retain the spout body 13 in engagement with the funnel body 10.

A strainer cloth 16, such as chamois or the

like is mounted to cover the opening in the lower end of the neck 11, the said cloth being engaged by the spout body 13 to retain the strainer cloth in rigid position between the neck 11 and the spout body 13. It will be understood that a flexible metal sieve or the like can be employed in place of the strainer cloth, the provision of the mentioned metal sieve being dependable upon the particular fluid which is to be strained.

From the foregoing description, it will be seen that a funnel can be used independently of the spout body when it is desired to simply pour a fluid from one container to another without straining the same and when it is desired to strain a fluid, the spout body 13 and strainer cloth 16 can be used in connection with the funnel body 10 as shown in the views.

I claim:—

1. A combined funnel and strainer comprising a funnel body, a tapering neck formed on the lower end of said funnel body, a circular bottom formed on the funnel body, between the said neck and the said funnel body, a tapered spout body for slidable engagement with the neck of the funnel body, a strainer cloth interposed between the neck of the funnel body and the spout body and spring-like gripping members secured to the spout body and adapted to frictionally engage the said funnel body.

2. A combined funnel and strainer comprising a funnel body, a tapering neck formed on the lower end of the said funnel body, a circular bottom formed on the funnel body between the said neck and the said funnel body, a tapered spout body for slidable engagement with the neck of the funnel body, a strainer cloth interposed between the neck of the funnel body and the spout body, spring-like gripping members secured to the spout body and adapted to frictionally engage the said funnel body and hooks formed in the upper ends of the said gripping members and adapted to extend over the upper edge of the funnel body.

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

WILLIAM E. SMITH.

Witnesses:

ROBT. HOLLINGSWORTH,
R. W. JOHNSON.