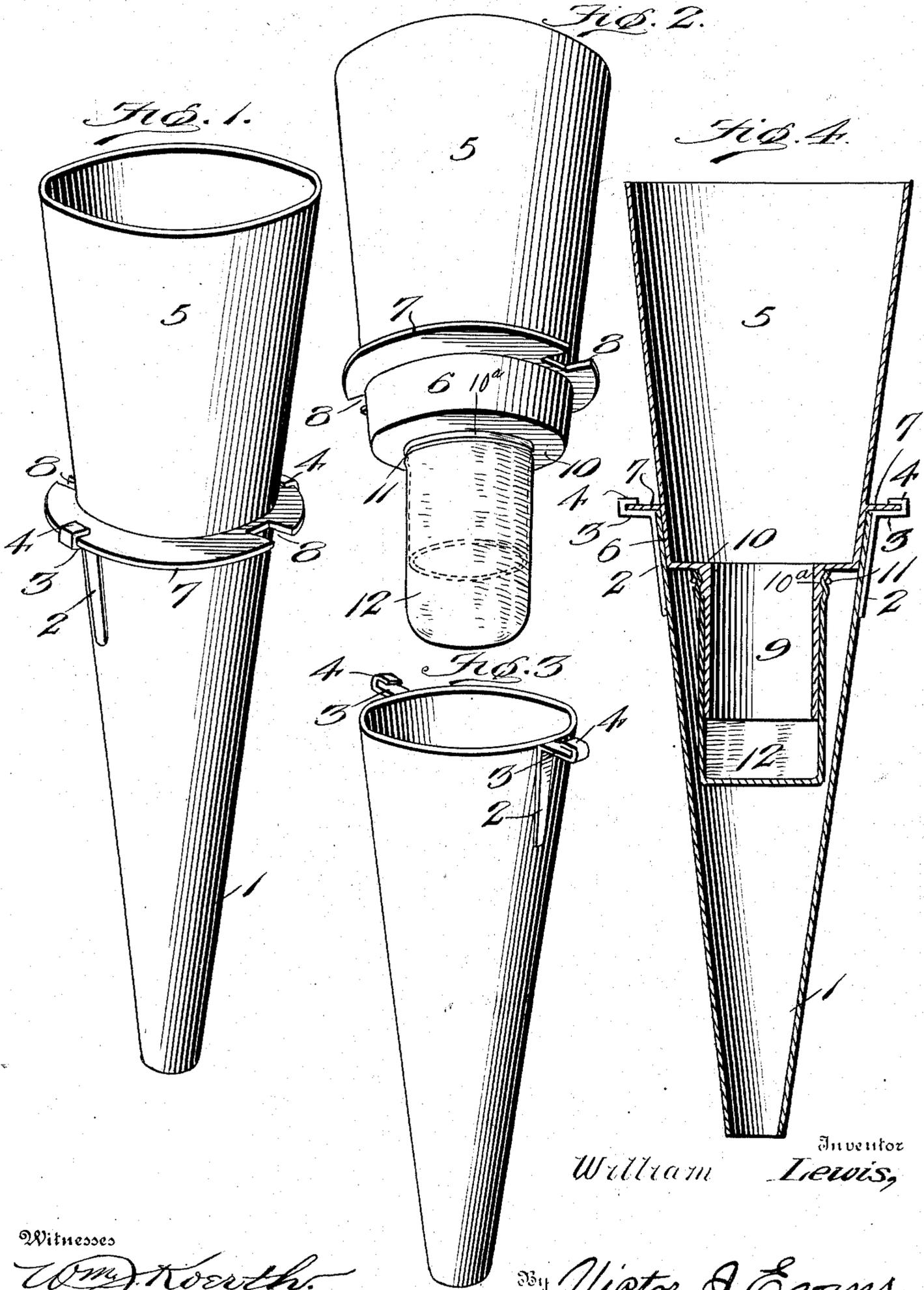


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FUNNEL.

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928,138.

Patented July 13, 1909.



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Witnesses

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WILLIAM LEWIS, OF ALLEGHENY, PENNSYLVANIA.

FUNNEL.

No. 928,138.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM LEWIS, a citizen of the United States of America, residing at Allegheny, in the county of Allegheny and State of Pennsylvania, have invented new and useful Improvements in Funnel, of which the following is a specification.

This invention relates to funnels designed more particularly for use in filling the fuel tanks in automobiles, and one of the principal objects of the same is to provide a funnel with a detachable gasoline strainer, by means of which the gasoline is strained as it is poured into the fuel tanks of automobiles, and to arrange means whereby the means employed for retaining the strainer to the funnel will also serve as means for supporting the entire device upon a can during the filling process.

This and other objects may be attained by means of the construction illustrated in the accompanying drawing, in which:

Figure 1 is a perspective view of a funnel made in accordance with my invention. Fig. 2 is a perspective view of the gasoline strainer detached from the funnel proper. Fig. 3 is a similar view of the funnel from which the strainer is detached. Fig. 4 is a central vertical section of the funnel, and strainer.

Referring to the drawing for a more particular description of my invention, the numeral 1 designates the body portion of the funnel of tapering form as shown in the drawing and provided at opposite points near its upper edge with keepers 2, said keepers having a horizontal arm 3, and an inwardly extending lip 4. The gasoline strainer 5 comprises a hollow tapering body portion, the smaller end 6 of which is adapted to fit within the upper end of the funnel 1. An annular flange 7 extends around the periphery of the strainer 5, and is provided with oppositely disposed notches or recesses 8 designed to be brought into coincidence with the keepers 4, and when the strainer is turned the flange 7 is engaged with the inwardly extending lips 4 of said keeper, thus permitting the strainer to be readily attached

and detached from the funnel. At the lower end of the strainer a reduced tubular extension 9 is provided and above the reduced portion an annular flange 10 connects the lower edge of the strainer with said reduced portion 9. Beneath the flange 10, the extension 9 has formed therein an annular concavity 10^a. A piece of chamois skin is secured by means of a cord or wire 11 which is confined within the concavity 10^a to the reduced portion 9 near the flange 10, said chamois skin 12 extending below the lower edge of the tubular portion 9 to form a strainer for gasoline.

From the foregoing it will be obvious that a combined strainer and funnel made in accordance with my invention may be carried within an automobile and will occupy but little space, will efficiently strain the gasoline as it is poured into the fuel tank; that the strainer may be readily detached from the funnel and the funnel used for other purposes, that the device is of simple construction and can be manufactured at slight cost.

The flange 7 carried by the strainer while serving the purpose hereinbefore described serves as a stop to limit the upward movement of the funnel and also as a stop or support for the funnel and strainer when engaged with a vessel during the filling of the same, it being obvious that the said flange 7 will rest upon the top of the vessel around the filling opening.

Having thus described the invention, what I claim is:

The herein described funnel and strainer comprising a tapering tube forming the funnel, keepers secured at opposite points upon the said tube, each keeper having a horizontally disposed arm, and an upwardly and inwardly extending lip carried by the arm and disposed above the upper edge of said tube, a strainer comprising a hollow tapering body portion having its smaller end fitted in the larger end of the funnel, and an annular flange extending around the periphery of the strainer and adapted to serve as a stop to limit the upward move-

ment of the funnel and also serving as a
stop or support for the funnel and strainer
when the same is in use with a vessel, said
flange having oppositely disposed notches
5 formed therein to receive the horizontally
disposed arms of the keepers so that the
inwardly extending lips can be locked with
said flange at the sides of the slots.

In testimony whereof, I affix my signa-
ture in presence of two witnesses.

WILLIAM LEWIS.

Witnesses:

JOSHUA VALENTINE,

his

JESSE X HARRIS.

mark