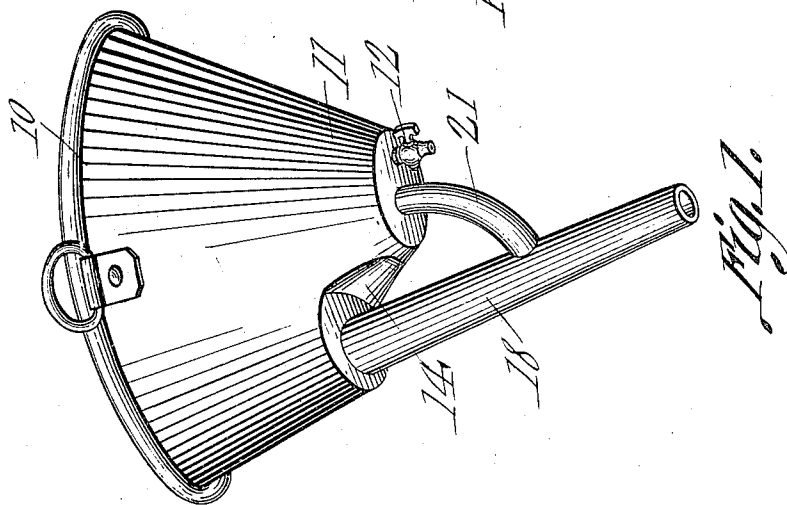
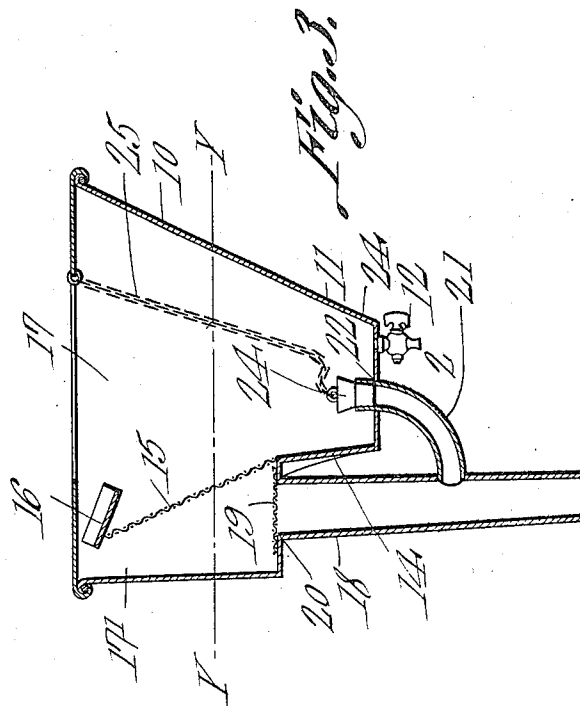
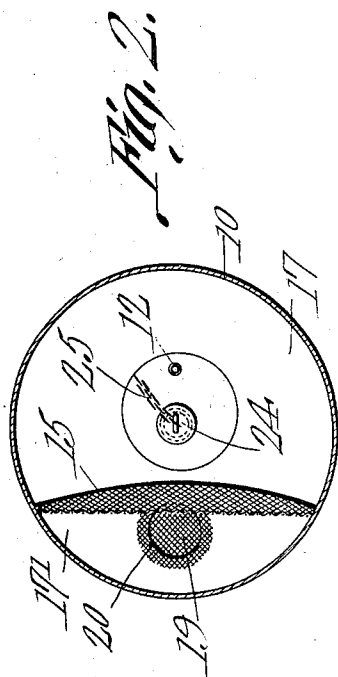


G. F. MONTGOMERY.  
 FUNNEL.  
 APPLICATION FILED JAN. 26, 1912.

1,045,312.

Patented Nov. 26, 1912.



Witnesses

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# UNITED STATES PATENT OFFICE.

GLEN FORRIS MONTGOMERY, OF OAK HILL, FLORIDA.

## FUNNEL.

1,045,312.

Specification of Letters Patent.

Patented Nov. 26, 1912.

Application filed January 26, 1912. Serial No. 673,693.

*To all whom it may concern:*

Be it known that I, GLEN FORRIS MONTGOMERY, a citizen of the United States, residing at Oak Hill, in the county of Volusia and State of Florida, have invented a new and useful Funnel, of which the following is a specification.

This invention relates to an improvement in funnels.

10 The primary object of the present invention is to provide a funnel for gasoline tanks in which the water or foreign matter is filtered from the gasoline.

15 A further object of the invention is to provide simple means for removing the water or foreign matter which accumulates within the funnel.

In the drawings,—Figure 1 is a perspective view of the device. Fig. 2 is a transverse section. Fig. 3 is a vertical section.

20 In the drawings, 10 designates the funnel which is provided with the extension 11 in the bottom of which is arranged a pet cock 12. Secured to the wall 14 of the extension 11 and extending to a point adjacent the upper edge of the funnel is a screen 15, a deflector 16 being secured to the upper edge of the screen 15 preventing the liquid from flowing over said screen. This screen separates the funnel into the compartments 17 and 17', the oil being poured into the compartment 17 flowing through the screen into the compartment 17' passing through the spout 18 into the tank which is to be filled, a screen 19 being disposed over the opening to the spout. The compartment 17 thus receives the foreign matter contained within the gasoline, the screen 15 preventing the same from entering the compartment 17'.

40 Attention is called to the fact that the extension 11 is below the level of the outlet 20 thus the water which is in the gasoline will settle in the extension 11 the compartment 17' being so disposed with relation to the outlet 20 that the water cannot enter said compartment 17'. It will be noted however that the water contained within the oil will not be sufficient to fill the extension 11, the water under ordinary circumstances rising 50 but a slight distance in said extension. In order to conduct the oil from said extension to the spout the pipe 21 is provided which communicates with said spout and extends within an opening 22 in the base of the extension 11 said pipe extending a sufficient

distance within the extension to prevent the water contained therein from entering the same, the communication between the extension 11 and the spout normally being cut off by a plug 24 which is attached to the upper edge of the funnel by a chain 25, the plug thus being readily removed when it is desired to bring the extension 11 into communication with the spout. It will be noted that after the oil has been drained from the extension 11 by the removal of the plug 24, the water may be drained from said extension by opening the pet cock 12.

In operation the oil is poured into the funnel, the same passing through the screen 15, and through the spout to the tank to be filled. It will be noted that when the oil in the funnel reaches the level of the opening 20 the flow through the spout will cease. It may then be noted whether the oil in the extension 11 contains water and if such is the case the pet cock 12 may be opened and the water removed. The pet cock is then closed and the plug 24 removed from the pipe 21 allowing the oil contained within the extension 11 to pass through to the spout.

What is claimed is:

1. A filtering funnel, provided with outlets arranged at different levels, a screen interposed between the outlets, a spout communicating with the upper outlet, and a closure for the lower outlet, said lower outlet communicating with said spout.

2. A filtering funnel provided with outlets arranged at different levels, a spout communicating with the upper outlet, a screen interposed between the outlets, a tube communicating with said spout and the lower outlet, said tube extending through the opening which forms said outlet, and a plug adapted to close the open end of said tube.

3. A filtering funnel provided with outlets arranged at different levels, a spout communicating with the upper outlet, a tube communicating with the lower outlet and with said spout, said tube extending within the funnel, a closure for said tube, and a pet cock arranged adjacent the lower outlet.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

GLEN FORRIS MONTGOMERY.

Witnesses:

A. E. GLISSON,

W. L. GILBERT.