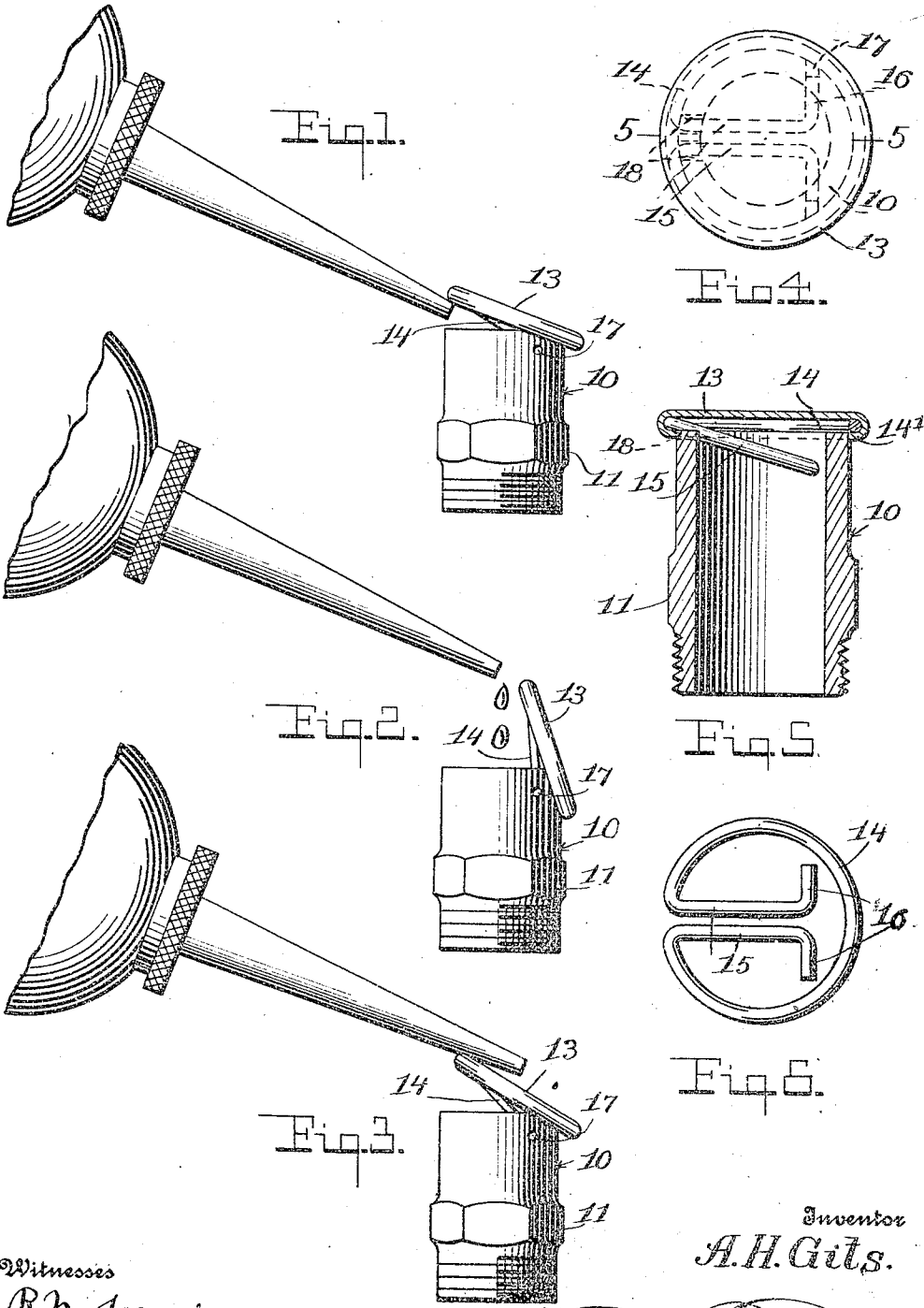


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OIL CUP.  
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# UNITED STATES PATENT OFFICE.

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## OIL-CUP.

1,057,956.

Specification of Letters Patent. Patented Apr. 1, 1913.

Application filed June 2, 1912. Serial No. 701,337.

*To all whom it may concern:*

Be it known that I, ALPHONS H. GITS, a citizen of the United States, residing at Chicago, in the county of Cook, State of Illinois, have invented certain new and useful Improvements in Oil-Cups; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to oil cups and has for an object to provide an oil cup having a novel cover which will extend considerably beyond the body of the cup so that when the cover is tilted to open position the dust and the like which has accumulated on the cover will slide off from the cover and not be dropped into the oil cup.

A further object of the invention is to provide an oil cup having the cover secured by a novel spring which will normally hold the cover tightly closed, but which will be relieved from tension upon the cover being completely opened and simply form a support for holding the cover in open position.

A further object of the invention is to provide an oil cup having a cover which may be both opened and closed by the spout of the oil can and furthermore when open will permit of the oil being dropped down centrally into the cup from above so that the drops of oil will be visible to the oiler and thus give evidence that the proper amount of oil enters the cup.

With the above objects in view the invention consists of certain novel details of construction and combination of parts hereinafter fully described and claimed, it being understood that various modifications may be made in the minor details of construction within the scope of the appended claim.

In the accompanying drawing forming part of this specification:—Figure 1 is a side elevation of the oil cup showing the cover being opened. Fig. 2 is a side elevation of the oil cup showing the cover in open position. Fig. 3 is a side elevation of the oil cup showing the cover being closed. Fig. 4 is a plan view of the oil cup. Fig. 5 is a cross sectional view taken on the line 5—5 Fig. 4. Fig. 6 is a plan view of the spring.

Referring now to the drawing in which

like characters of reference designate similar parts, 10 designates the body of the oil cup the same being provided externally with wrench faces 11 and being provided below the wrench faces with external screw threads for screwing the cup into the journal box.

The cover 13 is circular in outline and is provided with a marginal downwardly and inwardly curved flange 14 to receive the spring. The spring 14 is formed of a single length of resilient wire preferably, and is substantially circular in general contour to snugly fit in the confining flange 14 of the cover. The ends 15 of the spring are directed in parallelism across the center of the spring and are terminally bent outwardly to provide gudgeons 16 which fit in openings 17 arranged near together and in alinement in the body of the oil cup. Notches 18 are formed in the top edge of the oil cup body to receive the free end of the spring and cover when the cover is closed.

To open the cover it is simply necessary to insert the oil can spout underneath the edge of the cover as shown in Fig. 1 and raise the cover vertically, the spring being relieved of tension when the cover is nearly wide open, and when the cover arrives at final open position the spring will have rotated on its gudgeons and will form simply a support for maintaining the cover open. The oil may be now dropped centrally into the oil cup as shown in Fig. 2 and will be visible to the oiler as it enters the cup. To close the cup the spout of the oil can is placed on the top face of the cover as shown in Fig. 3 and the cover pressed down into position.

By virtue of the cover being of greater diameter than the body of the oil cup, when the cover is open dust and other foreign matter which may have settled upon the cover will slide rearwardly off from the cover without danger of being deposited in the oil cup.

What is claimed, is:—

The combination with an oil cup having aligned juxtaposed openings in the inner wall, of a cover forming a closure for said cup, and a substantially circular wire spring carried by the marginal portions of said cover and having the ends directed in parallelism

across the center of the spring and terminally bent outwardly within the borders of the circular spring to form gudgeons, said gudgeons seating in said openings and  
 5 hingedly securing said cover in position, said spring normally holding said cover closed.

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

ALPHONS H. GITS.

Witnesses:

RENIE J. GITS,  
 ANNA L. REGAN.