(No Model.)

F. MAUCORT & C. THIRION.

OIL CUP.

No. 303,876. Patented Aug. 19, 1884.

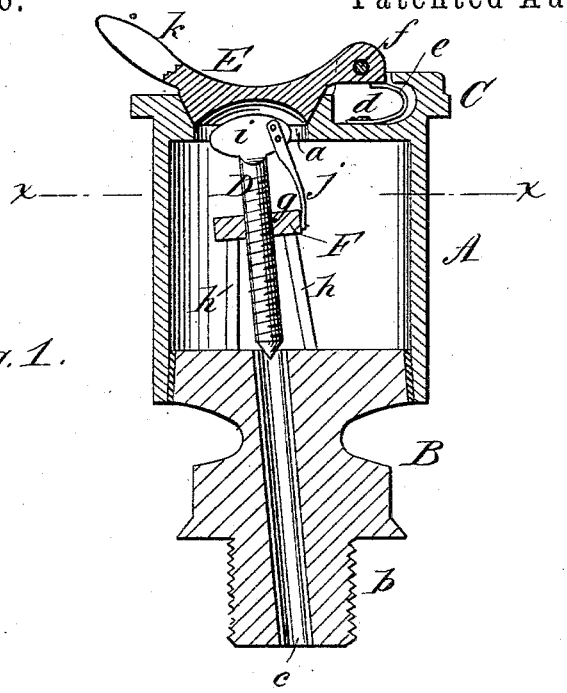
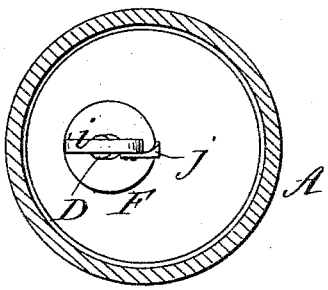


Fig. 1.

Fig. 2.



WITNESSES:

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FERDINAND MAUCORT AND CHARLES THIRION, OF NEW YORK, N. Y.

OIL-CUP.

SPECIFICATION forming part of Letters Patent No. 303,876, dated August 19, 1884.

Application filed March 10, 1884. (No model.)

To all whom it may concern:

Be it known that we, FERDINAND MAUCORT and CHARLES THIRION, of the city, county, and State of New York, have invented a new and Improved Oil-Cup, of which the following is a full, clear, and exact description.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both figures.

Figure 1 is a sectional elevation of our new and improved oil-cup; and Fig. 2 is a plan view of the cup with its body in section on the line *x x*, Fig. 1.

The invention will first be described in connection with the drawings, and then pointed out in the claims.

Referring to the drawings, A represents the main body of the oil-cup. This is fitted upon the block B, which is formed with the screw-shank *b*, by which the cup is attached in place for use; and the block B has the diagonal passage *c* formed through it, through which the oil passes from the body A to the bearing to be oiled. The upper end of the body A is formed with or has secured to it the partial cover C. This has the opening *a* formed through it at one side of its center, through which the valve or spindle D is operated; and the cover is formed also with the recess *d*, in which the spring *e* is placed, which spring serves to hold the cap E, which is hinged to the partial cover C on pin *f*, opened and closed.

The valve-spindle D, which serves to regulate the flow of oil through the passage *c* and also to entirely cut off the flow when necessary, is screw-threaded, and held in line with the passage *c* in the screw-tap *g*, made in the circular plate F, held upon the uprights *h h*, that rise from the upper surface of the block B. The upper end of the spindle D is flattened to form the thumb-piece *i*, for convenience in adjusting the spindle D; and to this thumb-piece *i* is secured the upper end of the spring *j*, the lower end of which bears against the edge of the circular plate F, so that the friction of the spring with the edge of the said plate will hold the spindle D from turning of its own accord, which prevents all varying of the flow of oil after the spindle is once properly set to secure the desired feed of oil.

The cover E, when shut down, entirely closes the opening *a*, so that no dust can enter the oil-cup; and this cover, being formed with the handle *k*, may be easily opened and closed, and when opened, the thumb-piece *i* of the spindle D can be easily reached through the opening *a* for adjusting the spindle, thus making the cup very convenient, and the spindle, being provided with the friction-spring *j*, makes the cup very reliable as to uniformity of feed.

By making the passage *c* diagonal, and placing the spindle D in line therewith, the upper end of the spindle is brought to one side of the cup A, so that plenty of room is afforded for the opening *a* in the partial cover C, and also for the attachment to the partial cover C of the hinged cover E without making the body A of the cup larger than the ordinary oil-cups of this class.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. In an oil-cup, the body A, formed or provided with the partial cover C, formed with opening *a* and provided with the cap or cover E, substantially as described.

2. In an oil-cup, the elevated circular plate F, in combination with the spindle D and spring *j*, arranged to operate substantially as and for the purposes set forth.

3. The partial cover C of the body A, having the opening *a* formed at one side of the center thereof, in combination with the cover E and spindle D, substantially as described.

4. The oil-cup herein shown and described, having the diagonal passage *c*, spindle D, set in line therewith, and the partial cover C, having hinged cover E, and opening *a*, made to one side of the center of the partial cover C, substantially as described.

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Witnesses:
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