(No Model.)

# J. OLD.

## OIL CUP.

No. 248,055. Patented Oct. 11, 1881.

*Fig. 1.*

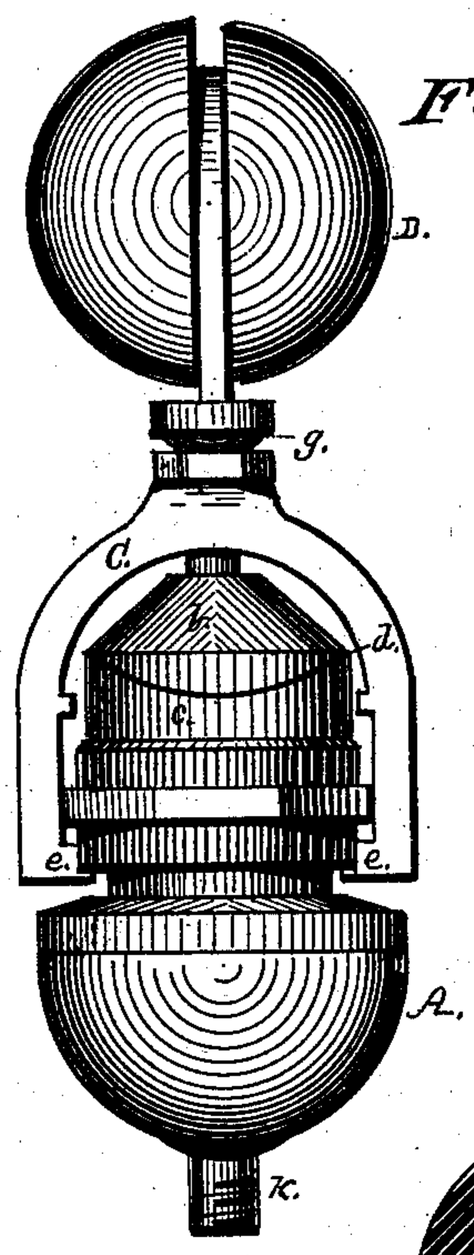



*Fig. 2.*

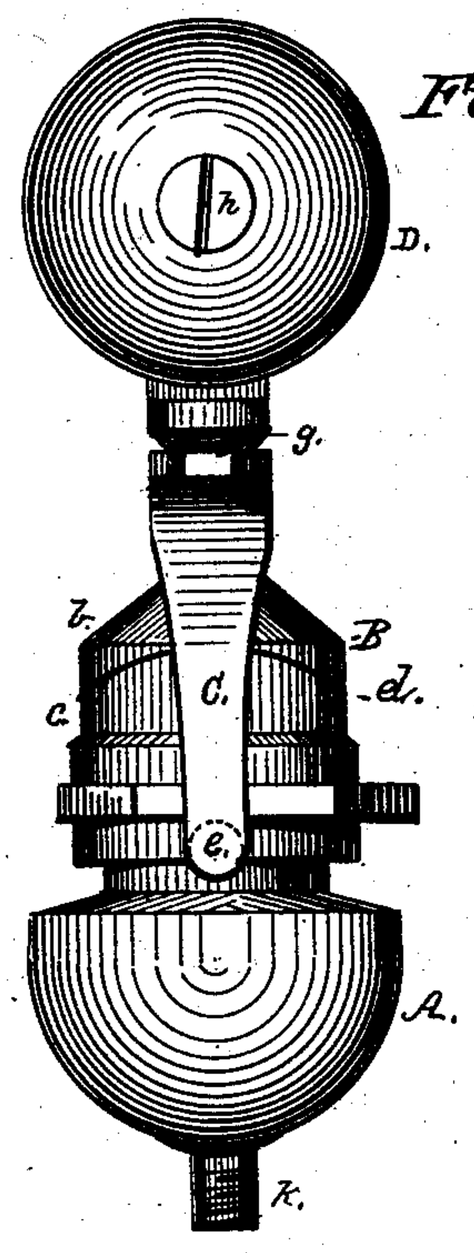
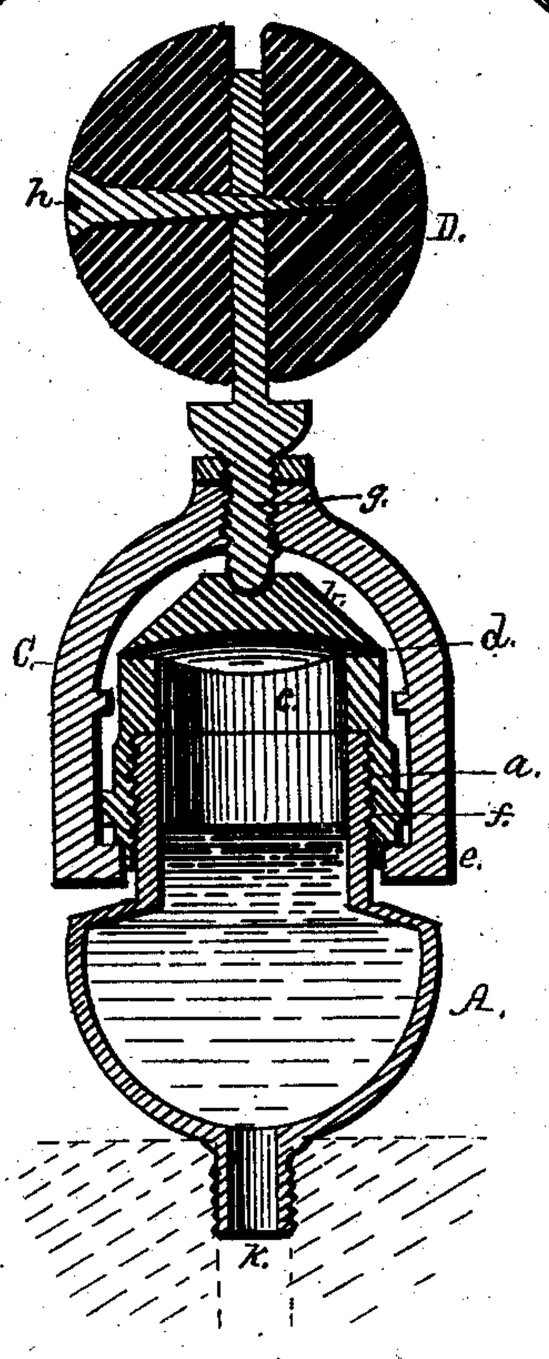



*Fig. 3.*

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# UNITED STATES PATENT OFFICE.

JAMES OLD, OF ALLEGHENY, PENNSYLVANIA.

## OIL-CUP.

SPECIFICATION forming part of Letters Patent No. 248,055, dated October 11, 1881.

Application filed March 10, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES OLD, of Allegheny, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Oil-Cups; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

My invention relates to an improvement in oil-cups; and it consists in providing the body of the oil-cup with a screw-cap, which is divided on a plane forming an arc of a circle, with the upper part of said cap held in place by a yoke pivoted to the lower part, and all so arranged with relation to the body of the oil-cup that by moving the yoke laterally the upper part of said cap will move with it over the lower part on the plane of division between the two parts, and thereby allow ingress into the body of the cup, all of which will hereinafter more fully appear.

To enable others skilled in the art with which my invention is most nearly connected to make and use it, I will proceed to describe its construction and operation.

In the accompanying drawings, which form part of my specification, Figure 1 is a front elevation of my improvement in oil cups. Fig. 2 is a side elevation of the same. Fig. 3 is a vertical section of the same at line *y* of Fig. 2.

In the accompanying drawings, A represents the body of the oil-cup, which may be made in any desired form. The upper part of the body A is furnished with screw-threads, as shown at *a* in Fig. 3. The body A is provided with a cap, B, which is divided into two parts, *b c*, on a plane forming the arc of a circle, as shown in Fig. 2 at *d*, the center or axis of said circle being at *e*, the point of pivot of the yoke C, which is pivoted to the lower part, *c*, of the cap B, which part is furnished with screw-threads *f*, adapted to the screw-threads *a* on the upper part of the body A. The part *b* of cap B is held in juxtaposition to part *c* by means of a screw, *g*, which passes through the yoke C, as shown in Fig. 3. On the upper part of the screw *g* is a wooden-ball handle, D, held to the upper part of the screw *g* by means of a screw, *h*. On the lower part of the body A is a hollow nipple, *k*, furnished with screw-threads for attaching the oil-cup to the article or mechanism to be lubricated.

In the oil-cup hereinbefore described the cap B is represented as being made in two parts; but the skillful mechanic will readily see that said cap may be constructed in a single piece and held in position on the cup and operated by the yoke pivoted to the body of the cup.

Other modifications may be had without departing from my principle of operation, therefore I wish it clearly understood that I do not confine myself to a single form of construction.

In operating my invention the ball-handle is slightly turned, which will turn the screw *g* and relieve the part *b* from pressure on the part *c;* then, by moving the yoke C sidewise, the part *b* will move with the yoke C, so that ingress may be had into the body A of the cup for supplying it with oil. The lid is brought back for the purpose of closing the cup by moving back the yoke C, and then slightly turning the screw *g* when it is desired to hold the part *b* firmly to its seat on the part *c*. Care should be taken to have the joint *d* between the parts *b* and *c* made on the plane of the arc of a true circle, the center or axis of said circle being the point of pivot of the yoke, as hereinbefore stated. By placing the journals a little off the center of the circle obviates turning the handle, as it tightens in coming to the distant point.

Having thus described my improvement, what I claim as of my invention, is—

1. In an oil-cup, the lid fitted to the body of the cup on a plane which forms the arc of a circle, and held in position and operated through the medium of a pivoted yoke, substantially as herein described, and for the purpose set forth.

2. In an oil-cup, the lid or cap constructed in two parts, the line of division between said parts being on a plane which forms the arc of a circle, said parts being held in juxtaposition and manipulated through the medium of a yoke pivoted to lower one of said parts, which is screwed upon the body of the cup, substantially as herein described, and for the purpose set forth.

3. In an oil-cup, the combination of the body A, cap B, yoke C, and screw *g*, having a handle, D, constructed, arranged, and operating with relation to each other substantially as herein described, and for the purpose set forth.

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Witnesses:

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