

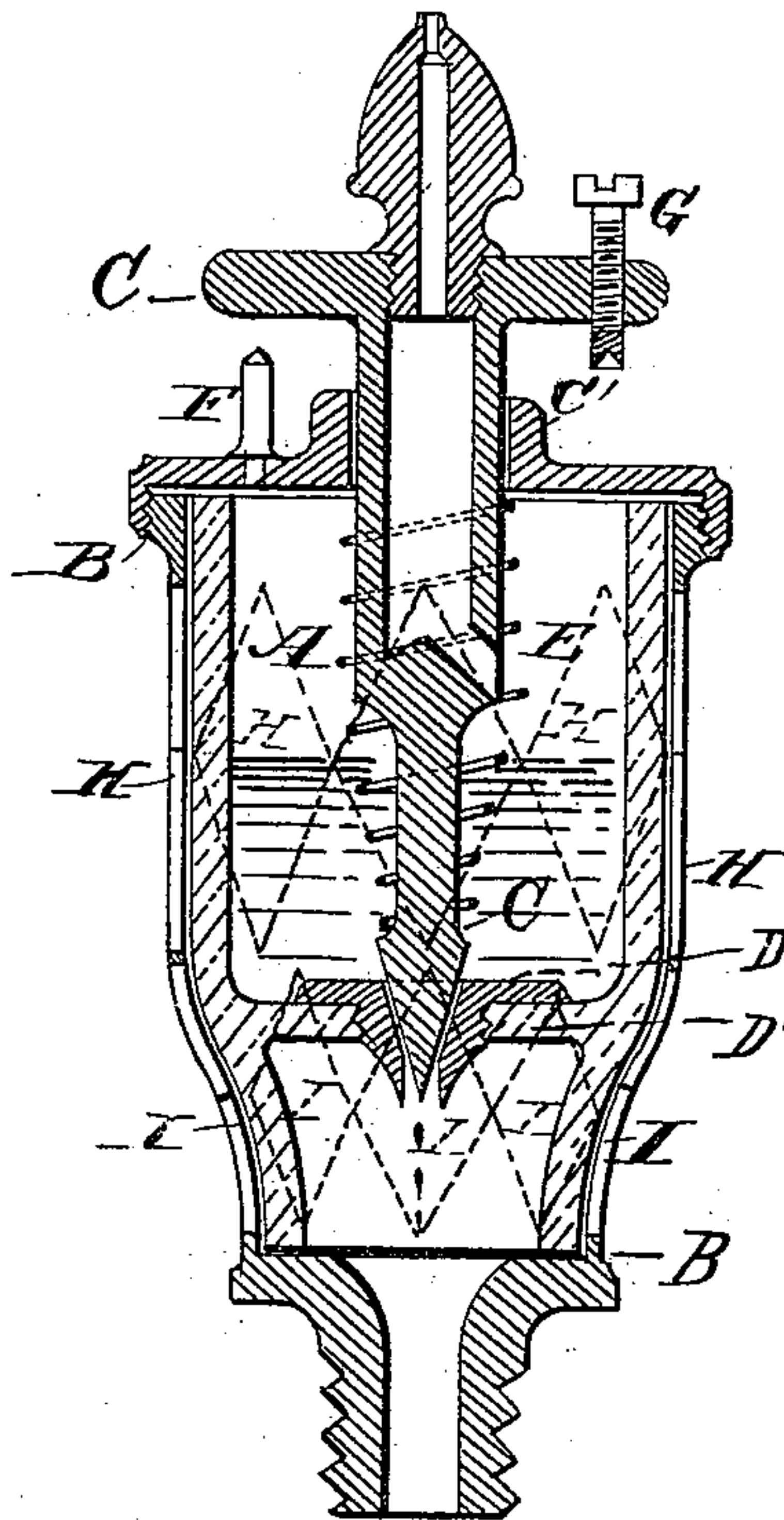
(No Model.)

P. SMALL.

OIL CUP.

No. 297,304.

Patented Apr. 22, 1884.



WITNESSES:

*Francis M. Arth.*  
*L. Sedgwick*

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# UNITED STATES PATENT OFFICE.

PERRY SMALL, OF GUAYMAS, MEXICO.

## OIL-CUP.

SPECIFICATION forming part of Letters Patent No. 297,304, dated April 22, 1884.

Application filed December 29, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, PERRY SMALL, of Guaymas, Republic of Mexico, have invented certain new and useful Improvements in Oil-Cups, of which the following is a full, clear, and exact description.

My invention relates to an improvement in oil-cups; and it consists in the construction and arrangement of parts, as will be hereinafter described and claimed.

Reference is to be had to the accompanying drawing, forming part of this specification, and which is a sectional elevation, showing the features of my invention.

In my construction I make an oil-cup, A, of glass, having a metal frame or case, B. In this cup I insert the drop C, having its lower end bearing on the seat D, and supported by the cap C' at its upper end. This seat may be of glass or metal, and is usually screwed into the partition-plate D', formed integral with the cup, and dividing said cup into an oil-chamber and a drip-chamber, as seen in the drawing; but in case the seat is of glass, it may be cast or blown as a part of the said partition-plate. The drop C is provided with a spring, E, set to press the drop down on the seat, and the cap C' holds the drop in vertical alignment with the said seat. Above the cup, and secured to the cap C', is a stop, F, and in the drop is an adjusting-screw, G, adapted to regulate the flow of the oil. The drop C is so turned that the end of the screw may rest upon the cone-point of the stop F. Then the screw is so turned that the flow of oil may be just so much as is required.

I do not claim the above construction of drop and cap C C', provided with the adjust-

ing-screw and stop G F, as I am aware that it is not new.

The frame is made with two rows of diamond-shaped or other form of openings, H I, (shown fully in dotted lines,) the ones, H, to allow the contents of the cup above the partition to be seen, and the others, I, to show the drip in the drip-chamber below the partition-plate, or how fast the oil is flowing, thereby affording a "sight-feed," which is an important feature of my invention.

I am aware that the glass drip-chamber of an oil-cup has been made separate therefrom, and provided with a casing having apertures; also that a glass oil-cup has been surrounded by an apertured frame-work, and I do not desire to claim such, broadly, as of my invention.

My invention is designed as an improvement on the above-described oil-cups, as it is much simpler and cheaper, and is not as liable to get out of order.

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

The combination of the glass oil-cup A, having a partition-plate, D', integral therewith, and provided with a seat, said partition dividing the cup into an oil and drip chamber, with the frame B surrounding said cup, and provided with openings H above the partition-plate and openings I below the partition, and also provided at its upper end with a suitable cap, C', supporting the drop C, substantially as set forth.

PERRY SMALL.

Witnesses:

GEO. WOOD,  
A. WILLARD.