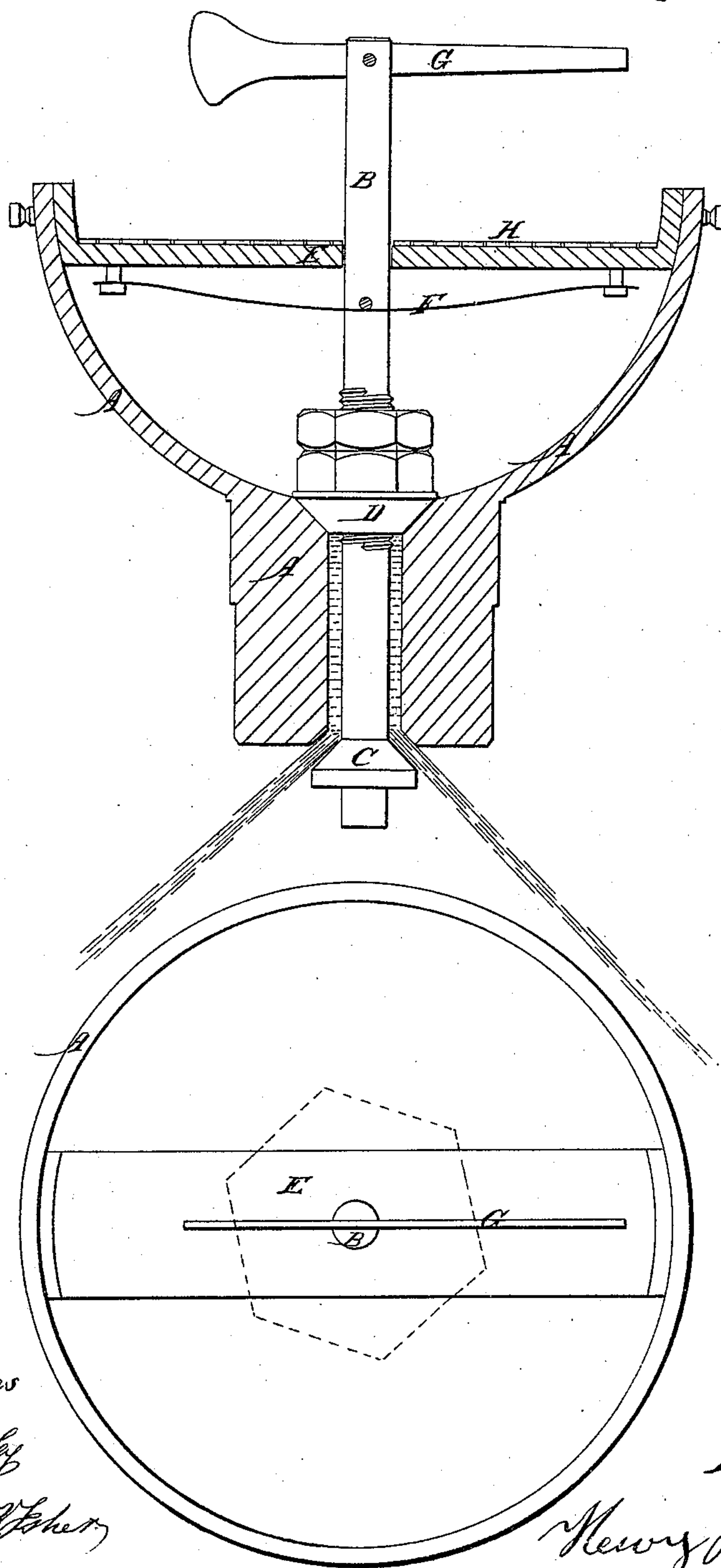


H. J. Hawkins,
Lubricator,
No 17,822, *Patented July 14, 1857.*



Witnesses
Asa Dingley
Charles H. Fisher

Inventor.
Henry J. Hawkins

UNITED STATES PATENT OFFICE.

HENRY J. HAWKINS, OF MOBILE, ALABAMA.

LUBRICATOR.

Specification of Letters Patent No. 17,822, dated July 14, 1857.

To all whom it may concern:

Be it known that I, HENRY J. HAWKINS, of the city and county of Mobile, in the State of Alabama, have invented and produced a
5 new lubricator for supplying the cylinders and packing of low-pressure and other steam-engines which is perfectly safe, very economical, and enduring; and I hereby declare the following to be a full and exact description of the same, reference being made
10 to the drawings.

A, cup, with chamber containing oil, tallow, &c.; B, valve stem; C, lower valve; D, upper valve with jam nut; E, guide to valve
15 stem; F, elliptic spring; G, lever for closing the valve; H, strainer.

I do not claim that my machine is self-acting. I do not claim the origination of lubricating steam engines by a stationary or movable machine, as some such method has
20 been long in use.

What I claim as the nature of my invention is—

The general arrangement of this lubricator with its mode and manner of admitting the
25 lubricating substances so as to strike at once on all parts of the interior surface of the cylinder.

HENRY J. HAWKINS.

Witnesses:

A. M. QUIGLEY,
CHARLES J. B. FISHER.