

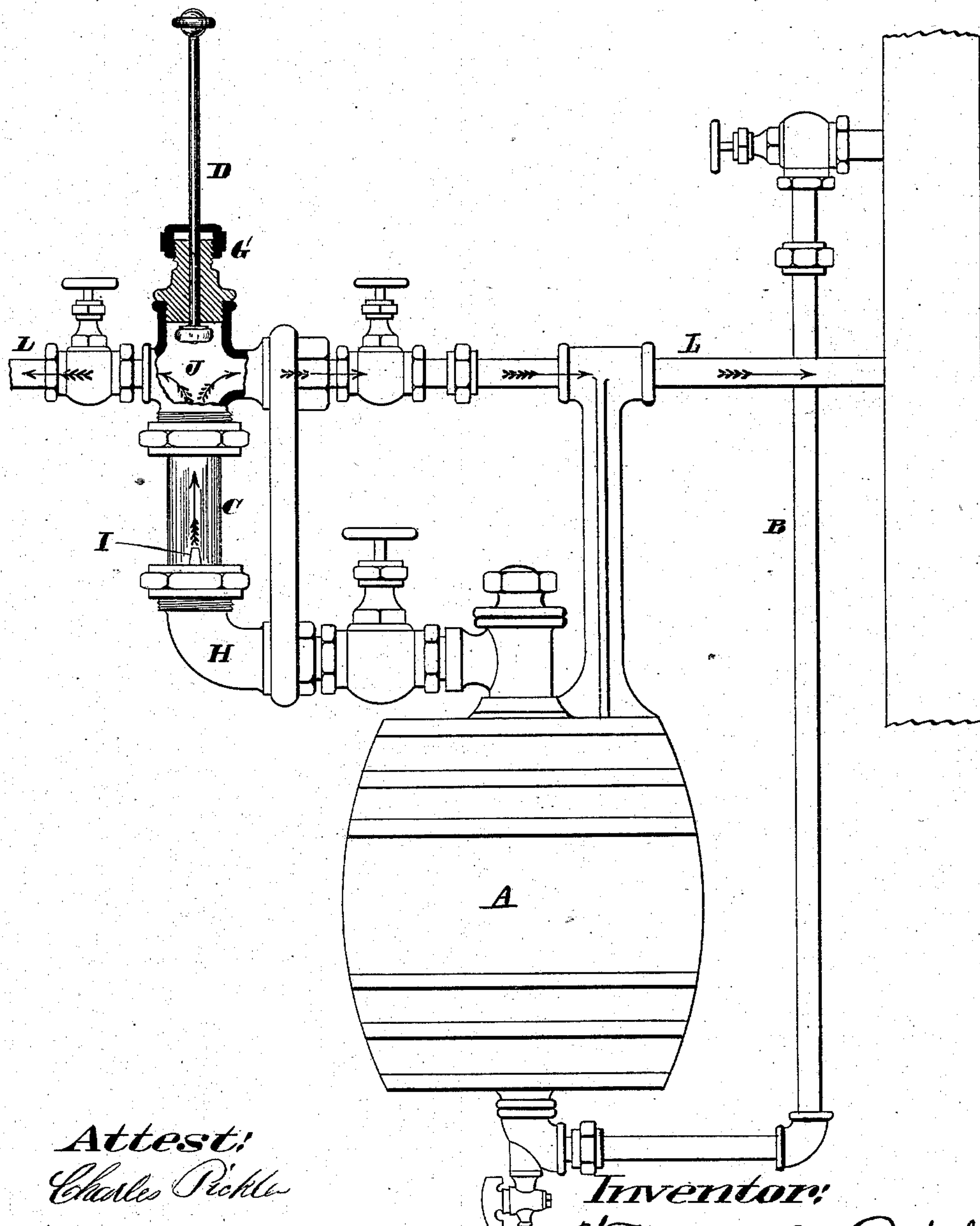
(No Model.)

W. A. REID.

LUBRICATOR.

No. 291,400.

Patented Jan. 1, 1884.



Attest:
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UNITED STATES PATENT OFFICE.

WILLIAM A. REID, OF ST. LOUIS, MISSOURI.

LUBRICATOR.

SPECIFICATION forming part of Letters Patent No. 291,400, dated January 1, 1884.

Application filed October 31, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. REID, of St. Louis, Missouri, have invented certain new and useful Improvements in Lubricators, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification, and which is a side elevation, part in section.

My improvements relate to a cleaner for the sight and feed tubes of lubricators, and, further, to a dual arrangement for the delivery of the lubricant to a plurality of cylinders or engines.

My invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Referring to the drawing, A represents the condenser or oil-reservoir, B the condensation-pipe, and C the sight-tube, all of which are of common construction.

D represents a plunger or cleaner working through a stuffing-box, G, located above the sight-tube. The office of the cleaner or plunger is to wipe the interior of the sight-tube to keep it clear, and for that purpose its head should be made from some elastic or soft material. It will be seen that each time the plunger is worked up and down the interior of the sight-tube will be wiped, and thus can be kept perfectly clean and transparent, and,

besides cleaning the tube, the plunger acts, by suction, to clear the passage for the lubricant through the outlet-pipe H, which connects the sight-tube with the condenser and the nipple I within the sight-tube.

I have shown my cleaner arranged in a duplex head, J, having pipes L L leading to different cylinders or engines, so that the one condenser and sight-tube are made use of to oil two cylinders or engines. The plunger will also act as it is raised to clean the pipes L.

The tube C may be inserted by removing the box G.

I claim as my invention—

1. In a lubricator, a plunger or cleaner adapted to wipe the interior of the sight-tube, as set forth.

2. In a lubricator, a plunger or cleaner working in a stuffing-box located above the sight-tube, for the purpose of wiping the interior of the tube and clearing the escape-pipe, substantially as and for the purpose set forth.

3. In combination with a lubricator having a single condenser and a single sight-tube, the duplex head provided with two supply-pipes, substantially as shown and described, for the purpose set forth.

WILLIAM A. REID.

In presence of—

GEO. H. KNIGHT,
BENJ. H. KNIGHT.