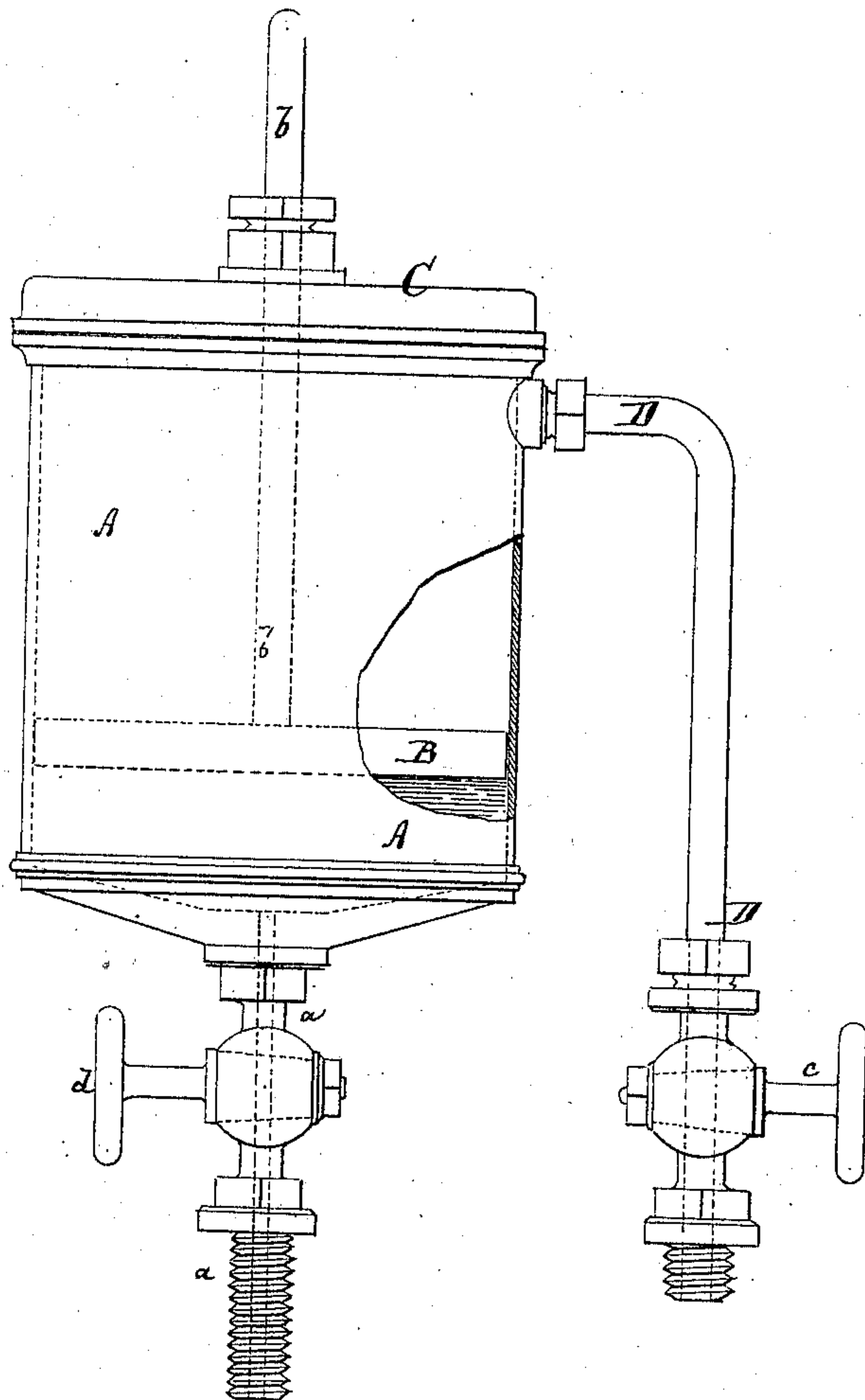


*J. Adamson,*

*Lubricator.*

*No. 94470.  
97470*

*Patented Dec. 7. 1869.*



**Witnesses:**  
*Sustave Dietrich*  
*John Brooks*

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*J. Adamson*  
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# United States Patent Office.

DAVID ADAMSON, OF NEW YORK, N. Y.

*Letters Patent No. 97,470, dated December 7, 1869.*

## IMPROVEMENT IN LUBRICATORS.

The Schedule referred to in these Letters Patent and making part of the same.

### *To all whom it may concern:*

Be it known that I, DAVID ADAMSON, of the city, county, and State of New York, have invented a new and improved Lubricator; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

The drawing represents a side view, partly in section, of my improved lubricator.

This invention has for its object to provide a lubricator-cup, which can be used on all kinds of machinery, but more particularly on high-pressure engines, with any suitable viscid lubricating-material.

The invention consists in the arrangement of a cylindrical cup, which contains a piston, to the upper or outer surface of which steam-pressure is or can be applied.

The advantages of this cup are, first, that it can be applied in a horizontal, as well as in a vertical position; that it can be used with viscid or coagulating lubricating-material; and that by regulating the steam-pressure, the flow of lubricating-material can also be easily regulated.

A, in the drawing, represents the lubricating-cup.

It is of cylindrical form, and is supported by its hollow shank *a*, which is secured in the requisite position to the machinery.

Into the cup A is placed a close-fitting piston, B,

which is inserted when the screw-cap or cover C of cup A is removed, and subsequent to the insertion of the lubricating-material.

The stem *b* of the piston may be made to project through the cap C, in which case steam-tight packing is applied to the same.

D is the steam-pipe, entering the upper part of the cup A, between the cover and the piston of the same. The steam carried by the same into the cup will force the lubricating-material into the stem, and thence to the desired position.

The flow of steam is regulated by a cock, *c*, in the pipe D, and that of the lubricating-material by another cock, *d*, in the shank *a*.

The lubricating-material may be of petroleum residue or other viscid or coagulating-material. The latter kind can only be made liquid by heat, and the outer pressure for forcing it out of the cup will aid considerably in its application.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

A lubricator-cup, containing a piston, and connected with a steam-supply pipe, through which steam can be brought to bear upon said piston, as set forth.

DAVID ADAMSON.

Witnesses:

GEO. W. MABEE,

ALEX. F. ROBERTS.