

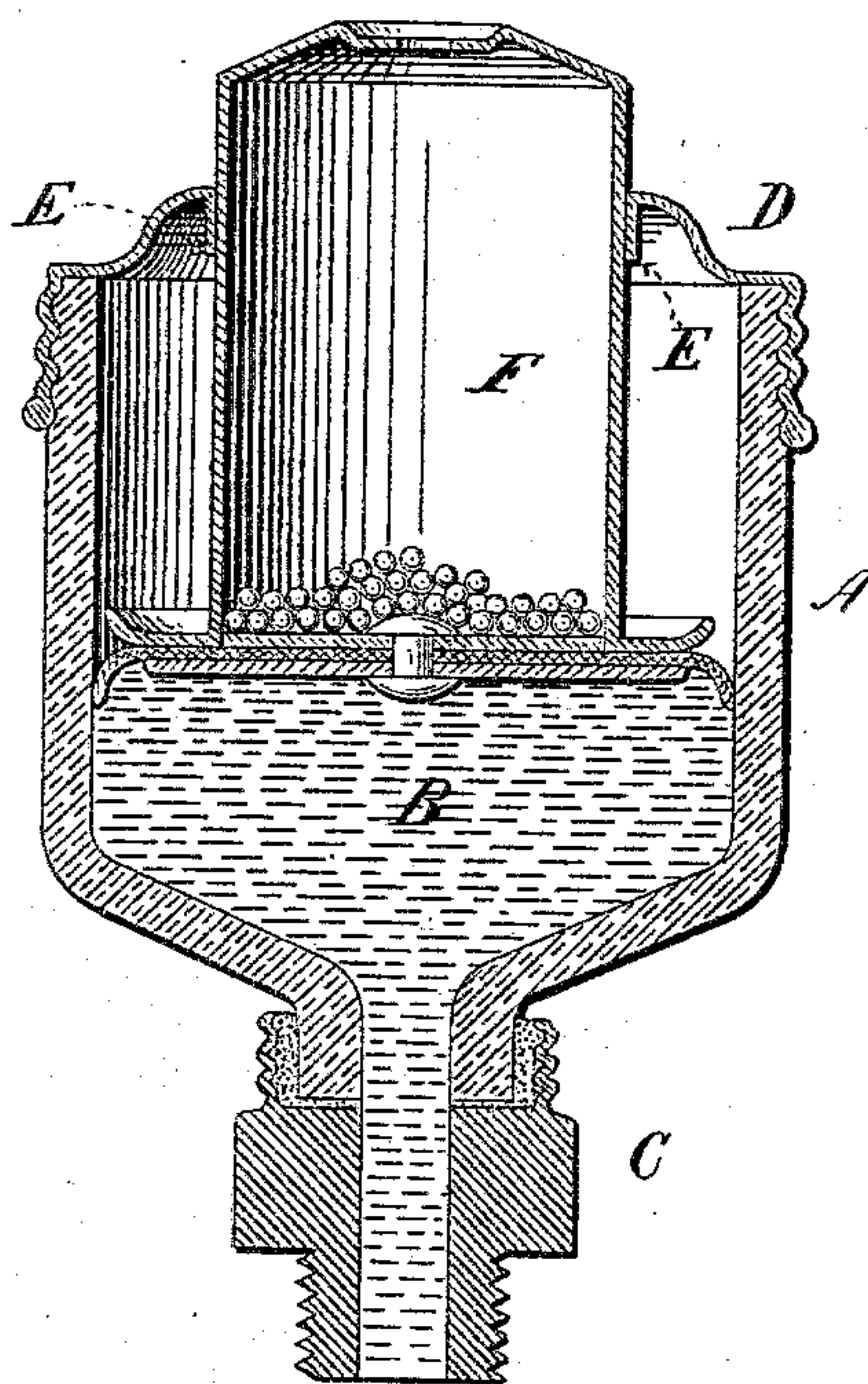
(No Model.)

A. E. BARTHEL.

LUBRICATOR.

No. 287,900.

Patented Nov. 6, 1883.



Witnesses:

A. E. Hansmann.

C. B. Pumphrey.

Inventor:

Albrecht Edward Barthel  
by his Attorneys  
Foster & Freeman

# UNITED STATES PATENT OFFICE.

ALBRECHT EDWARD BARTHEL, OF NEW YORK, N. Y.

## LUBRICATOR.

SPECIFICATION forming part of Letters Patent No. 287,900, dated November 6, 1883.

Application filed August 25, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, ALBRECHT E. BARTHEL, of the city, county, and State of New York, have invented a new and useful Improvement in Lubricators, of which the following is a full, true, and exact description, reference being had to the accompanying drawing.

The object of my invention is to form a lubricator simple in construction and more readily filled and opened than those previously patented.

The drawing shows a vertical section through my lubricator.

A represents a glass cup, provided at its upper end with a screw-thread cast in the glass itself. Within the cup A is placed the lubricating compound B. The cup A is preferably cemented at its bottom into the connection C. At its upper end the cap D is screwed into the screw-threads cast in the glass A. This cap

D is provided with a cylindrical guide, E, formed of the metal of the cap, within which the pressure-cylinder F operates. This cylinder is provided with a suitable packing at its lower extremity, bearing against the sides of the cup A. By unscrewing the cap D and removing the cylinder F, the cup A is readily filled with the lubricating compound.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of a glass cup provided with a screw-thread at its upper extremity, cast in the glass, with the inclosing-cap screwed into said thread, and the pressure-cylinder passing through the cap and guided thereby, substantially as described.

ALBRECHT EDWARD BARTHEL.

Witnesses:

GEO. H. EVANS,

WM. A. POLLOCK.