

(No Model.)

M. MACMAHON, Dec'd.

D. D. MACMULLEN, Administrator.

LUBRICATOR.

No. 368,774.

Patented Aug. 23, 1887.

Fig. 1.

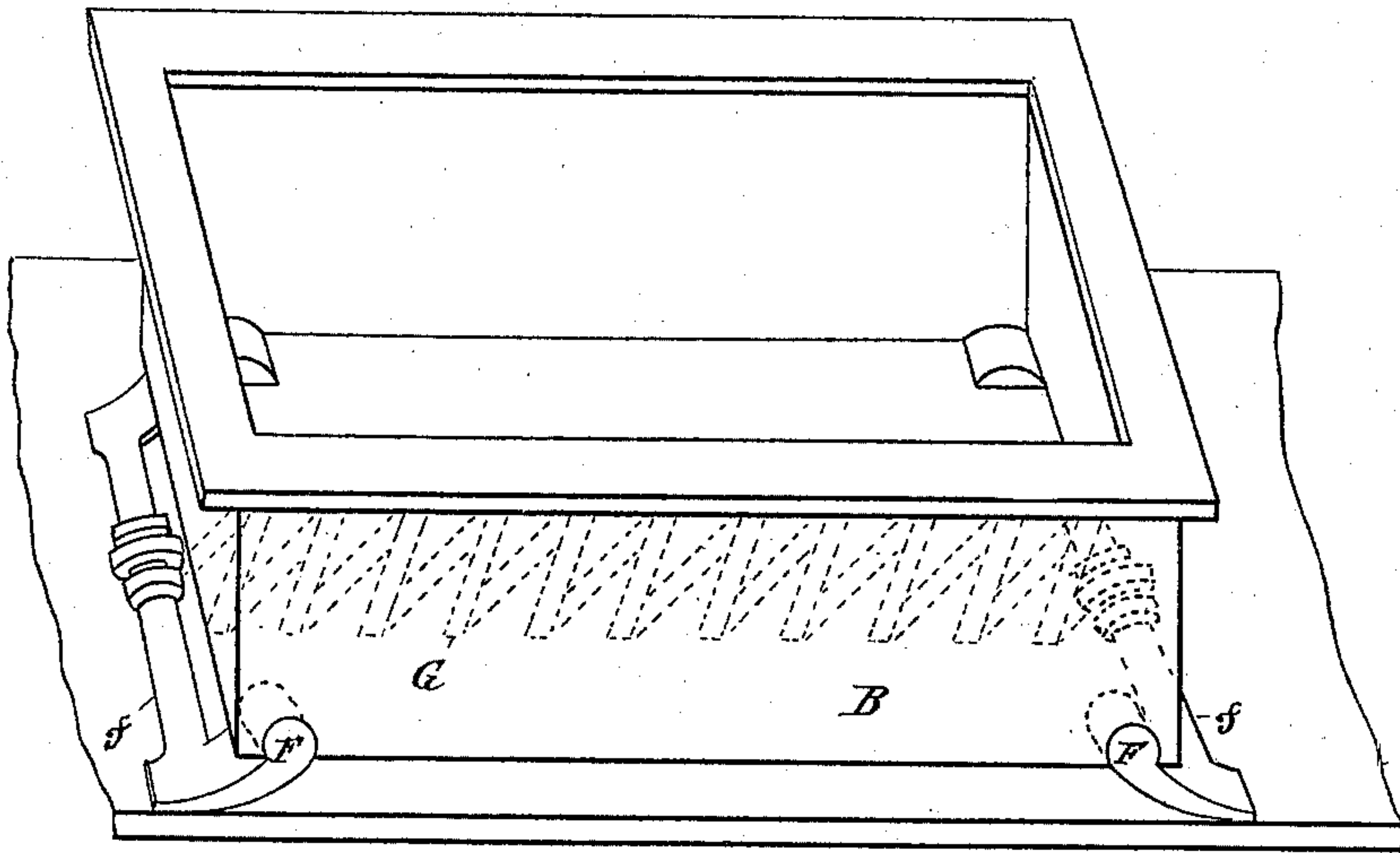


Fig. 2.

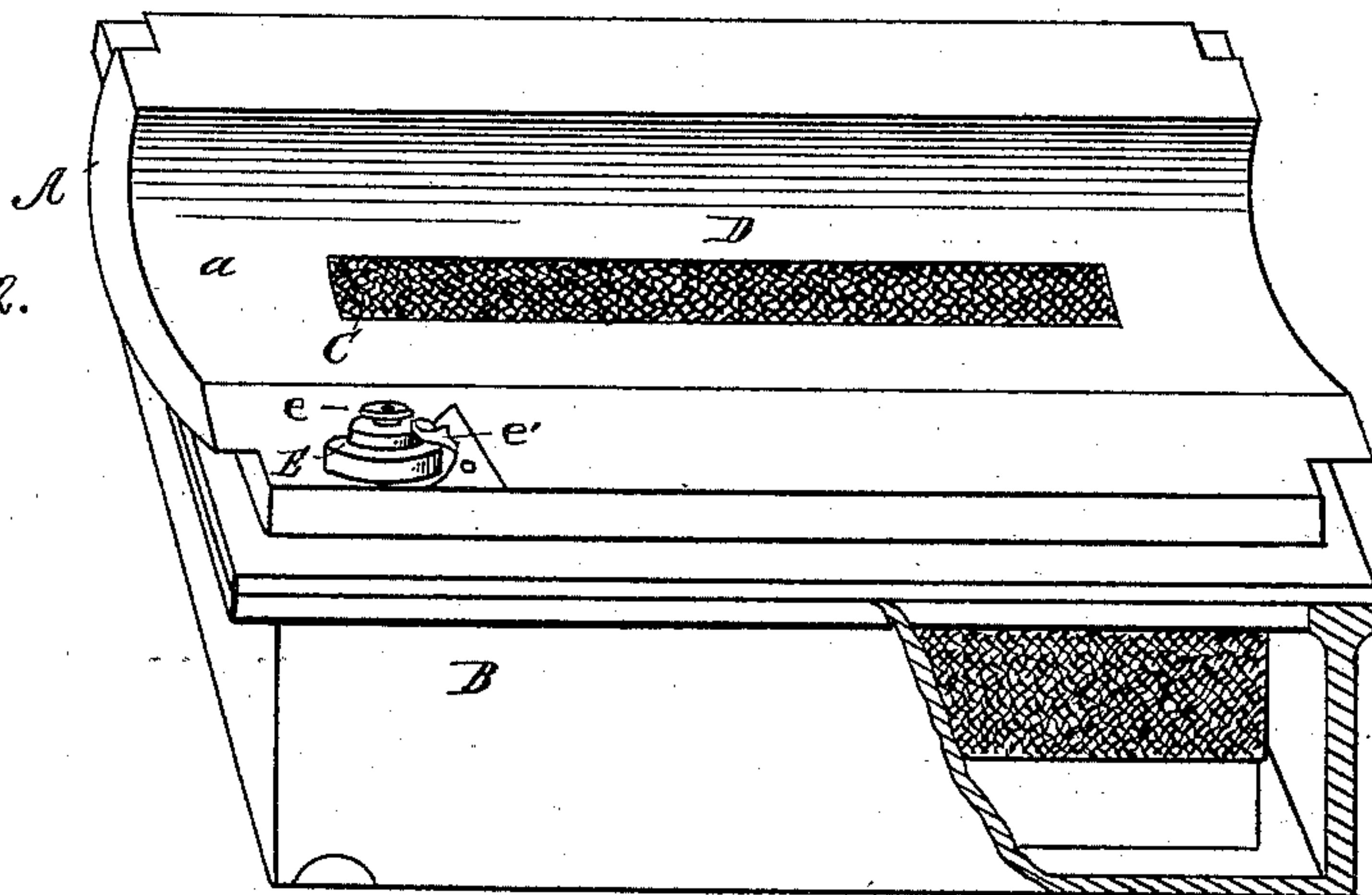
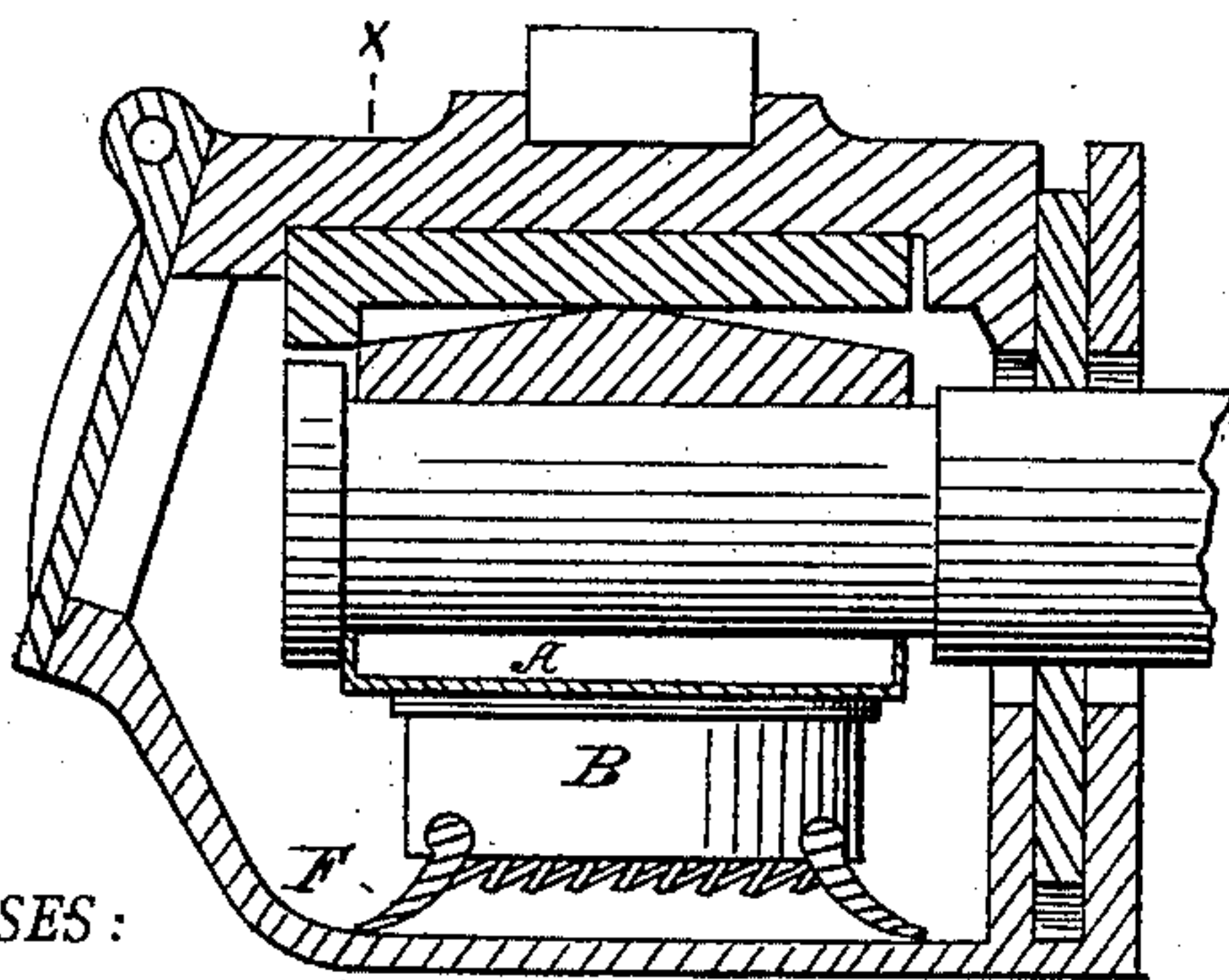


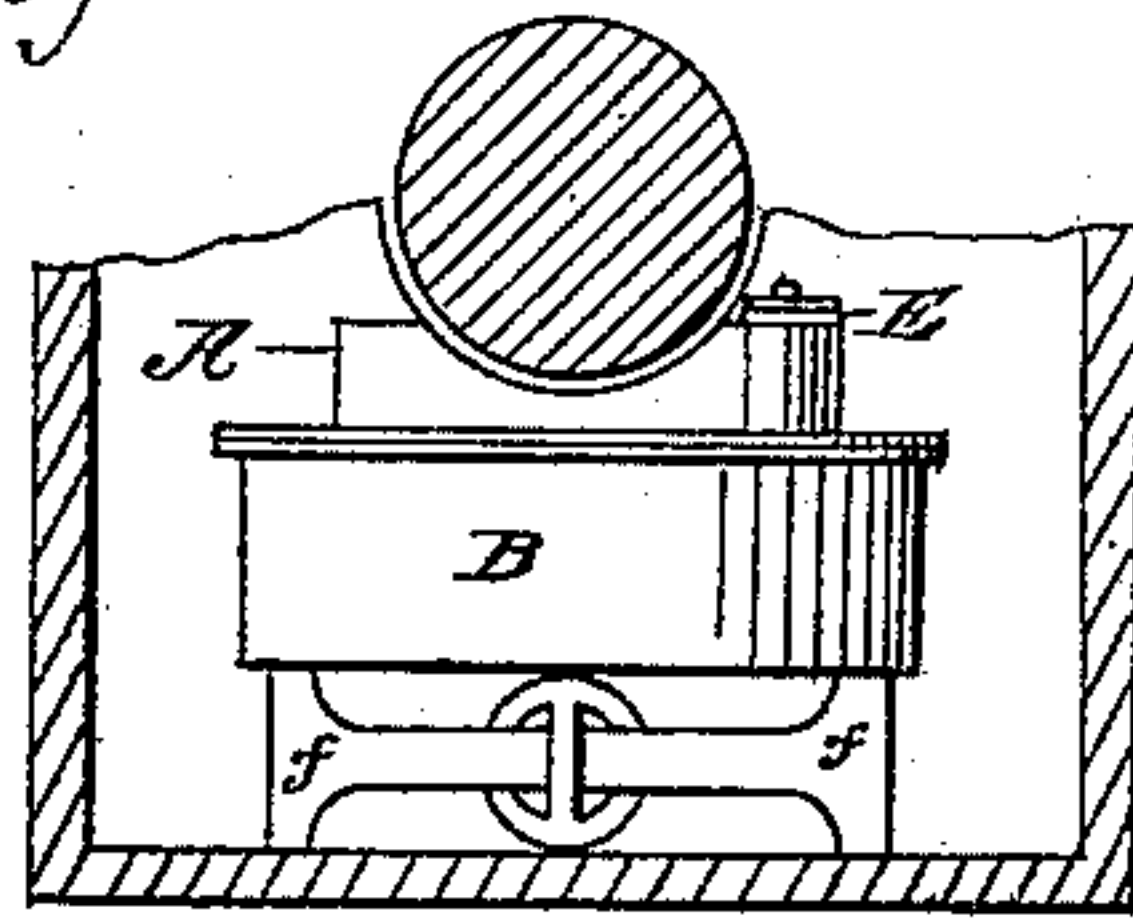
Fig. 3.



WITNESSES:

*Wm Benjamin*  
*R M Van Rensselaer*

Fig. 4.



INVENTOR

*Michael McMahon*

BY *Wm & Coe*

*Dictum & Macchuthen*  
ATTORNEYS FOR  
*Administration*



# UNITED STATES PATENT OFFICE.

DICKSON D. MACMULLEN, OF BROOKLYN, NEW YORK, ADMINISTRATOR OF  
MICHAEL MACMAHON, DECEASED.

## LUBRICATOR.

SPECIFICATION forming part of Letters Patent No. 368,774, dated August 23, 1887.

Application filed February 2, 1887. Serial No. 226,310. (No model.)

*To all whom it may concern:*

Be it known that MICHAEL MACMAHON, deceased, formerly a citizen of the United States, residing in the city of Brooklyn, county of Kings, and State of New York, did invent certain new and useful Improvements in Lubricators, of which the following, taken in connection with the accompanying drawings, is a full, clear, and accurate description.

The object of the invention is to provide a more convenient, inexpensive, and less wasteful lubricator for journals and large bearings; and the invention consists in making a lubricator-box of two parts, adapted to be placed in and removed from the journal-box at will, said box being provided with a tube or opening holding a wick, which wick in its turn bears its upper surface against the axle to be lubricated, supplying oil thereto from the box by capillary attraction.

In the drawings, Figure 1 shows the bottom part of the lubricator-box. Fig. 2 shows the lubricator-box with the top portion attached and one side partially cut away. Fig. 3 shows the improved lubricator-box placed in position in a journal-box, and Fig. 4 a cross-section of a portion of the same in the line *x x*.

The lubricator-box consists of the two parts, the cover A and reservoir for holding the oil or lubricating material B. The upper surface of the cover A is formed to fit closely to the axle, having a curved or concave surface, *a*, and is provided with a wick-opening or wick-holder, C. Upon one side of the top of the cover A is placed the oil-inlet E, with cover *e* and spring *e'*, said spring being so arranged as to hold the cover tightly down, closing the inlet when said cover is shut, and also holding it rigidly open when the cover is raised. The placing of the oil-inlet to one side makes it possible to fill the reservoir without removing the latter.

The lower portion or edge of the cover A is provided with suitable lugs or flanges fitting into corresponding grooves upon the upper edges of the reservoir B, and holding the two parts—cover A and reservoir B—together, so as to be oil-tight.

The reservoir B has hinged to its bottom the levers F, with their connecting-bars *ff*. Attached to the bars *ff* is the spring G. The

force of the springs conveys a vertical power to the levers, so that a longitudinal movement of the reservoir or box is impossible.

D represents the wick in position.

It is not intended that the details above referred to are strictly to be followed, the essence of the invention being in making the lubricator in two parts, so that it can be placed in and taken from the journal-box with ease, providing means for holding the top surface of the lubricator against the journal or axle by means of springs placed under the lubricator-box, and supplying the oil from the reservoir to the axle or journal by means of wicks, which draw up and supply only the needed quantity of oil as the journal revolves, touching the upper surface of the wick.

Having thus described the invention, what is claimed is—

1. A lubricator consisting of two parts, the upper part holding a wick or other capillary conductor and provided with an oil-inlet at one side, and the lower part constituting the oil-reservoir, the two parts being so arranged in relation to each other that they can be placed and removed from the journal-box at will, said lubricator being held in position in the journal-box by suitable means, substantially as set forth.

2. A lubricator consisting of a box or reservoir, B, with a cover, A, having a concave upper bearing-surface, a wick holder or opening, C, a wick or capillary substance, D, and levers F and springs G.

3. A lubricator consisting of the oil-reservoir B, the cover A, having a concave upper surface, a wick-holder, C, the wick or capillary substance D, and the oil-inlet E, with its cover *e* and spring *e'*.

4. A lubricator consisting of the oil-reservoir B, the cover A, having a concave upper surface, a wick-holder, C, wick or capillary substance D, levers F and springs G, and the oil-inlet E, provided with cover *e*, and spring *e'*.

DICKSON D. MACMULLEN,  
*Administrator of Michael MacMahon.*

Witnesses:

R. F. VAN BOSKERCK,  
CHARLES G. COE.