

(No Model.)

D. DUPRAT.
CAR AXLE LUBRICATOR.

No. 330,968.

Patented Nov. 24, 1885.

Fig. 1

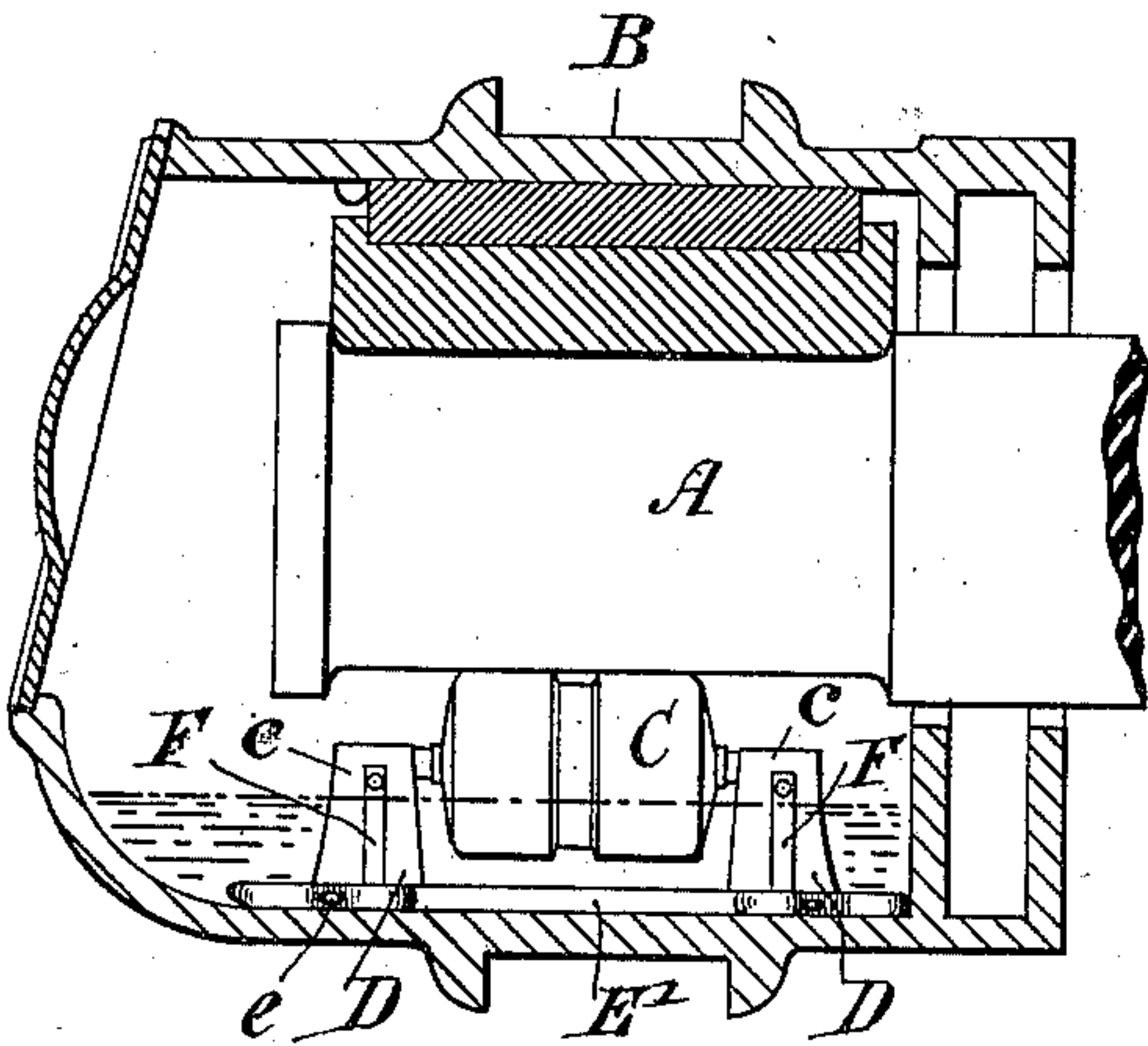
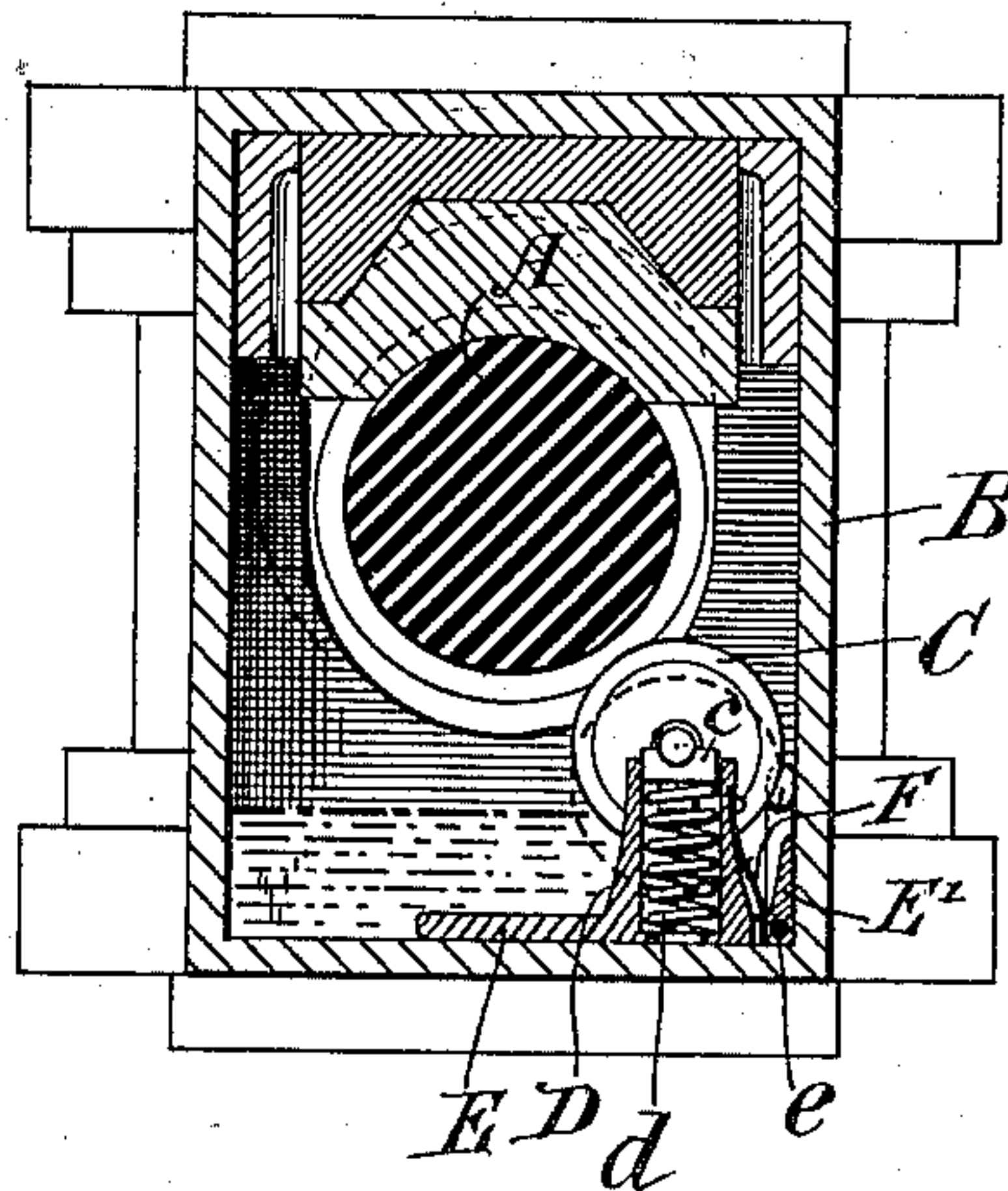


Fig. 2



Witnesses
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DOSITHÉE DUPRAT, OF STE. SCHOLASTIQUE, QUEBEC, CANADA.

CAR-AXLE LUBRICATOR.

SPECIFICATION forming part of Letters Patent No. 330,968, dated November 24, 1885.

Application filed September 15, 1885. Serial No. 177,217. (No model.) Patented in Canada July 31, 1885, No. 22,158.

To all whom it may concern:

Be it known that I, DOSITHÉE DUPRAT, of Ste. Scholastique, in the county of Two Mountains and Province of Quebec, Canada, have
5 invented certain new and useful Improvements in Car-Axle Lubricators; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention has reference to that class of
10 lubricators in which the oil is fed to the surface of the axle by a roller held in immediate contact and rotated with it.

Up to the present time it has been necessary, in order to use this lubricating apparatus, to change the construction of the axle-box to allow of its introduction. To do away
15 with this necessity, and to provide a roller-lubricator which may easily and quickly be placed in position in any ordinary axle-box without altering it in any way, are the objects
20 of my invention. It may be thus described: The lubricating-roller has its bearings carried in boxes supported on springs contained in the hollow standards formed on or secured to
25 a bed-plate the full width of the axle-box. This bed-plate I propose to make with a side flange hinged or pivoted to the main part, on which are the standards, so that this flange can be turned up and the lubricator placed on
30 one side of the box, so as not to interfere with the enlarged end of the axle when it is introduced. When the axle is in place, the lubricator can be brought under it and the flange let down.

35 For full comprehension of the invention reference must be had to the annexed drawings, in which—

Figure 1 is a longitudinal section through the axle-box, showing the lubricator in place; and Fig. 2, a cross-section through the axle-box, showing position of lubricator when the axle is introduced.

Similar letters of reference indicate like parts.

A is the axle, and B the axle-box, both of
45 any usual construction, not needing modification in any way. C is the lubricating-roller, preferably of wood, and any desired length and diameter, having its bearings usually carried in hollow boxes *c*, supported by springs
50 *d* in the standards D. E is the bed-plate carrying these standards, and being, when laid flat, approximately the full width of the axle-box. E' is the flange hinged to bed-plate E,
55 the two parts having their meeting edges interprojecting, and with eyes formed on them, and a pivot-pin, *e*, passing through such eyes. F F are springs serving to hold the flange E' in either a vertical or horizontal position.

Having thus described my invention, I beg
60 to state that what I claim is as follows:

In a car-axle lubricator, the combination of the lubricating-roller, standards in which the same is carried, and bed-plate on which these are mounted, formed with a folding-up flange,
65 as and for the purposes set forth.

Montreal, 2d day of September, A. D. 1885.

DOSITHÉE DUPRAT.

Witnesses:

R. A. KELLOND,
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