

No. 612,512.

P. VAN BOGAERT.
LUBRICATOR.

Patented Oct. 18, 1898.

(Application filed May 12, 1897.)

(No Model.)

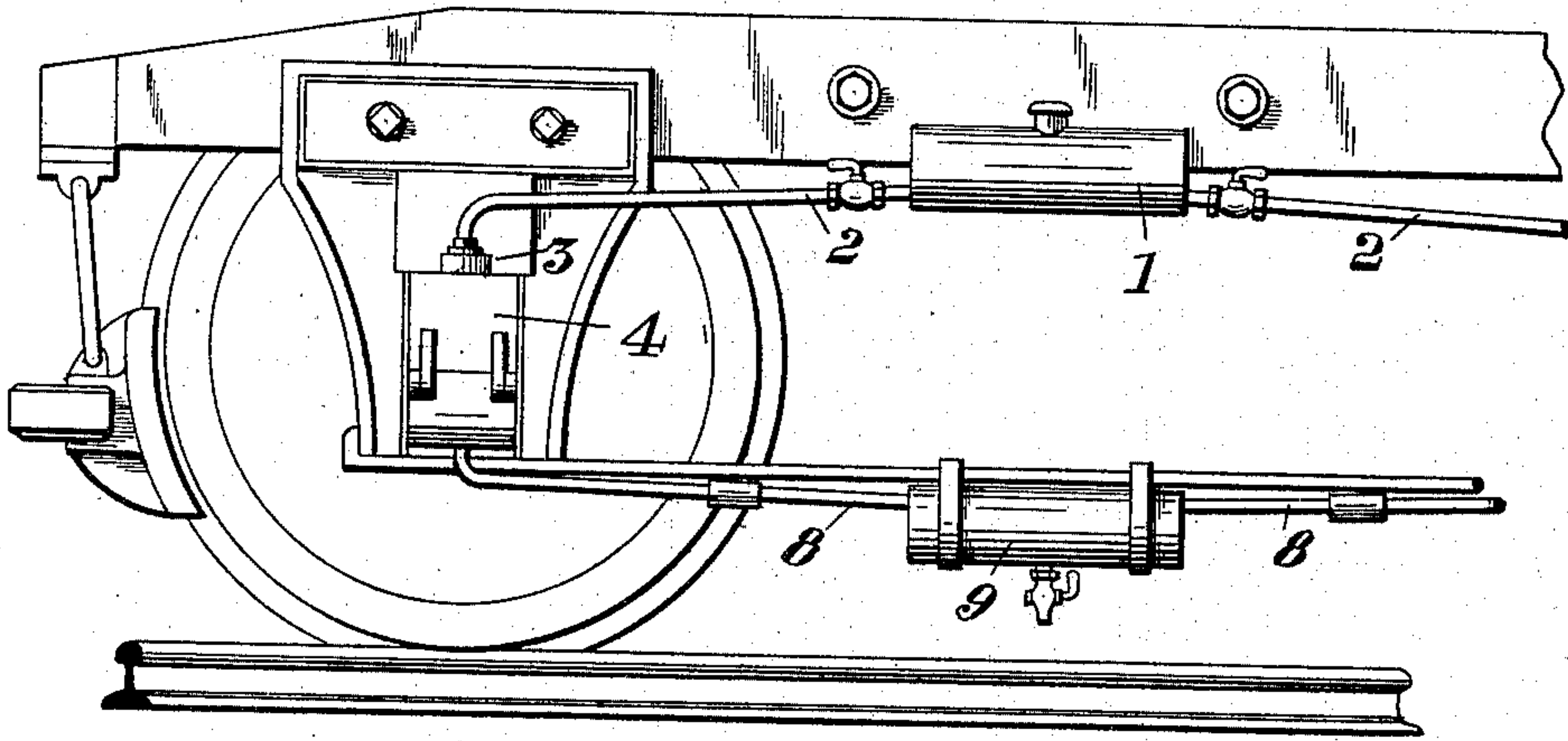


Fig. 1.

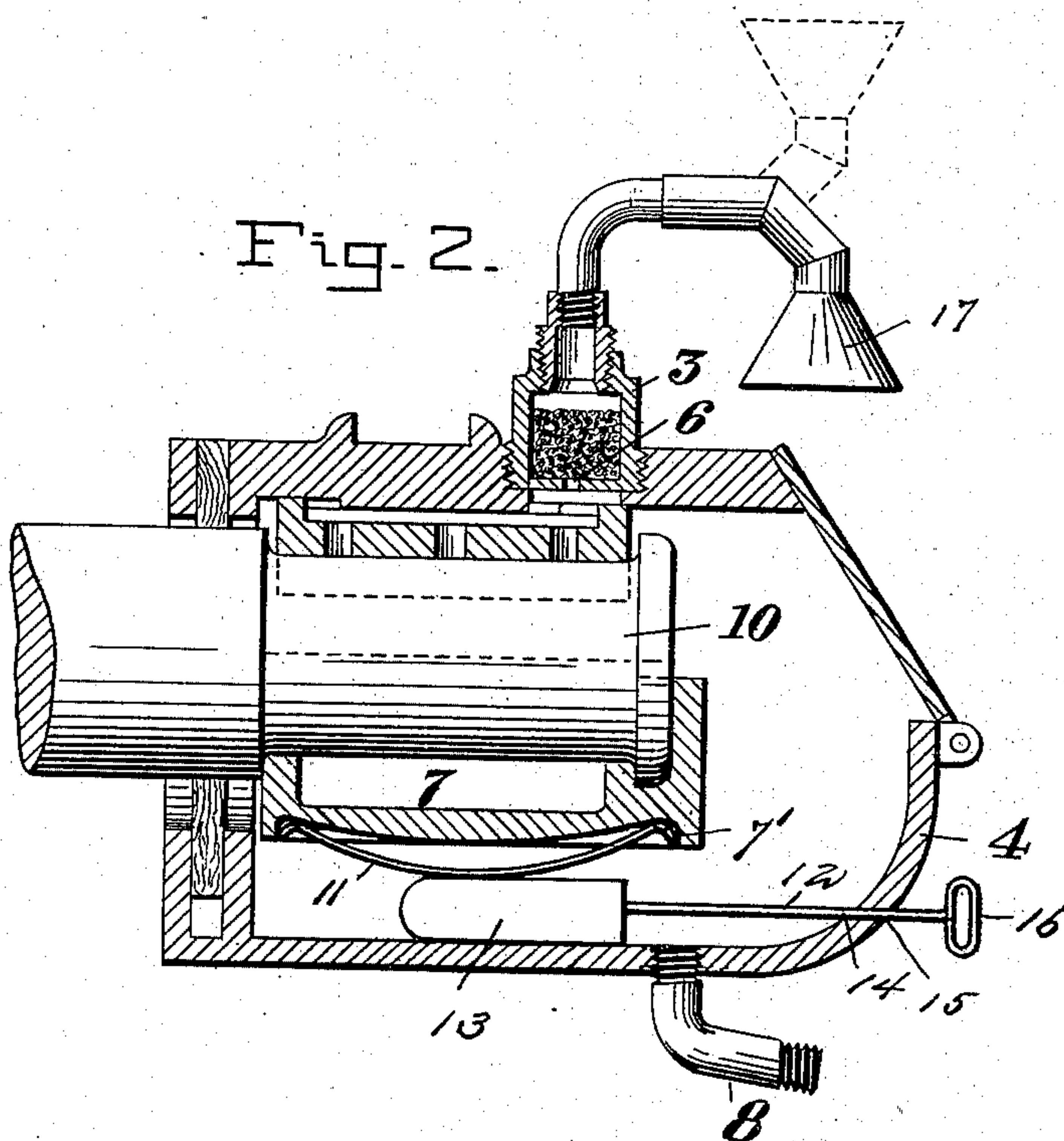


Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

PETER VAN BOGAERT, OF NEW DECATUR, ALABAMA.

LUBRICATOR.

SPECIFICATION forming part of Letters Patent No. 612,512, dated October 18, 1898.

Application filed May 12, 1897. Serial No. 636,211. (No model.)

To all whom it may concern:

Be it known that I, PETER VAN BOGAERT, of New Decatur, in the county of Morgan and State of Alabama, have invented certain new and useful Improvements in Lubricators; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to lubricating journal-boxes; and it consists in certain details of construction and arrangement of the several parts and wherein the oil-cup is adjustably held against the journal, the arrangement being such as to positively and uniformly lubricate a journal, the construction and operation being simple, and as an entirety easily applied to any journal-box now in use.

In the accompanying drawings, Figure 1 is a side elevation of a portion of a car-truck, showing the improved device applied in connection therewith. Fig. 2 is a sectional view of a journal-box, showing the oil-cup adjustment and the oil-supply inlet at the top.

Referring to the drawings, wherein similar numerals of reference are employed to indicate corresponding parts in both views, the numeral 1 designates an oil-tank, which in the present instance is shown applied to the side of a truck of a car and provided at its top portion with a suitable inlet and having outlet-pipes 2 extending from each end thereof and communicating with a filter 3 of a journal-box 4. This filter consists of a cylindrical body provided at its lower portion with an enlarged cylindrical chamber adapted to contain waste or other suitable material and distribute oil to the interior of the said journal-box 4 through a perforation 6. The oil runs into an oil-cup 7, and thence into the bottom of the journal-box, and is drawn off through a pipe 8 into a waste-receptacle 9, from whence it can be subsequently drawn off and returned to the tank 1. The oil-cup 7 is adjustable relatively to the journal 10 by means of a bowed spring 11. The bot-

tom of the oil-cup is cut away to form shoulders 7', against which rest the ends of the bowed spring 11. An adjustable pull-rod 12 is used, which has an enlarged engaging head or block 13 and a shank 14, which extends longitudinally of the said journal-box and through a suitable opening 15 and is provided with a looped handle 16, by means of which the operator can adjust the enlarged engaging end relatively with the spring 11. In this instance it will be observed that when the enlarged end of the adjustable pull-rod is withdrawn toward the front of the journal-box and from engagement with the spring 11 the oil-cup is allowed to drop to the bottom thereof, when the movable parts can be easily taken out.

It is obviously apparent that many minor changes in the details of construction and arrangement of the several parts might be made and substituted for those shown and described without in the least departing from the nature or spirit of the invention. For example, in lieu of the oil-tank a funnel may be employed, connected to the filter-supply pipe, as shown in Fig. 2, adapted to be turned down out of the way when not required for replenishing the filter and to be turned up, as indicated in dotted lines, when required for use.

Having thus described the invention, what is claimed as new is—

The combination with a journal-box and means for supplying oil thereto through the top of the box, of a spring-supported oil-cup in the bottom of said box, and a slidable rod penetrating the end wall of the said box and carrying on its inner end an enlarged block or head adapted to normally underlie said spring for upholding the oil-cup in contact with the journal, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

PETER VAN BOGAERT.

Witnesses:

FRANK A. HARVEY,
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