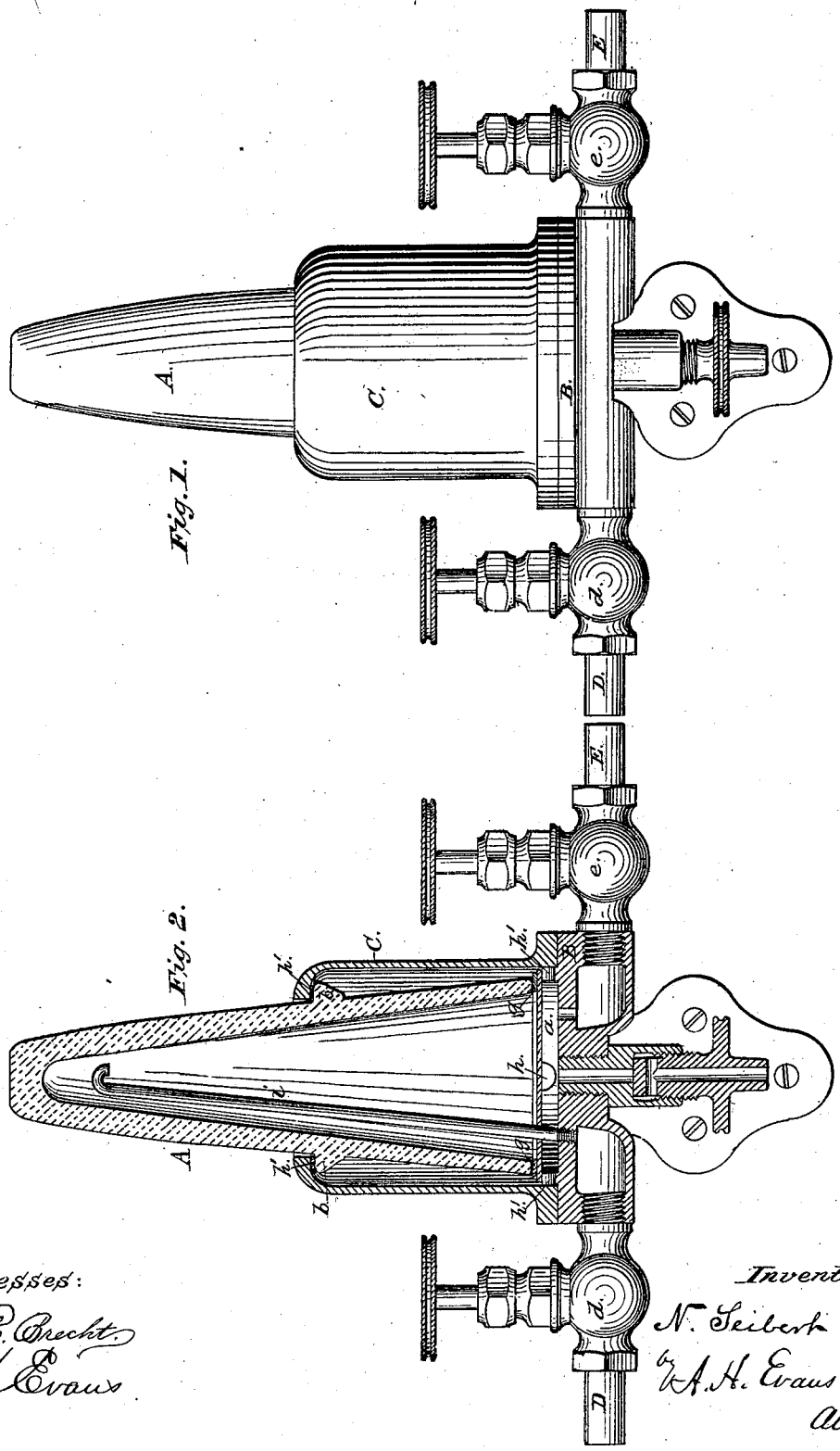
N. SEIBERT.
Lubricator.

No. 208,932. Patented Oct. 15, 1878.



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UNITED STATES PATENT OFFICE.

NICHOLAS SEIBERT, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN LUBRICATORS.

Specification forming part of Letters Patent No. **208,932**, dated October 15, 1878; application filed April 12, 1878.

To all whom it may concern:

Be it known that I, NICHOLAS SEIBERT, of San Francisco, in the State of California, have invented a certain new and useful Improvement in Lubricators; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the drawings making part of this specification, in which—

Figure 1 is a side elevation of the device, and Fig. 2 is a vertical section of the same.

My invention has for its object to provide a transparent medium to be interposed between an oil cup or tank and the point to be lubricated, so that the quantity of oil passing to the said point may be observed.

My invention consists in a transparent cone, within which the oil drops, in combination with certain other elements, as hereinafter more fully described and claimed.

In order that those skilled in the art may make and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawings, A represents a glass or other transparent hollow cone, placed between the oil-tank and the point to be lubricated, and resting on a rim, *a*, formed on a base, B, and surrounded by a metallic housing, C, which extends about half-way up the cone, and abuts against a rib, *b*, on the cone A. Beneath the lower edge of the cone in rim *a* are holes *h*, which will allow any droppings in the cone to flow out and fill the space between the cone and housing, so as to have any internal pressure on the cone transmitted to the housing. A pipe, D, conducts the oil from a tank to a small upright pipe, *i*, rising from base B within the cone, having its upper end curved and near the peak of the cone. A pipe, E, conducts the oil from cone A to the point to be lubricated. Both pipes, D and E, are provided with proper cocks *d e*. Pipe D is connected with the oil-tank, (not shown,) and pipe E leads to the point or points to be lubricated. The joints are properly packed, as seen at *g h'*, to make them tight, and there is an elastic medium interposed between the glass cone and the rim, so as to avoid breaking the glass.

The oil, passing from the tank or reservoir through pipe D, falls drop by drop from the mouth of curved pipe *i* to the bottom of cone A, whence it passes to the point to be lubricated through pipe E. As the oil drops the engineer can see how many drops per minute pass to the lubricating-point.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An independent transparent medium removed from the oil-cup, and interposed between the oil cup or tank and the point to be lubricated, whereby the oil may be observed while being fed out, as described.

2. The cone A, provided with openings *h*, base B, housing C, and pipe *i*, in combination with pipes D and E, substantially as described.

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