

(No Model.)

R. RITTER.
LUBRICATOR ATTACHMENT.

No. 436,438.

Patented Sept. 16, 1890.

Fig. 1.

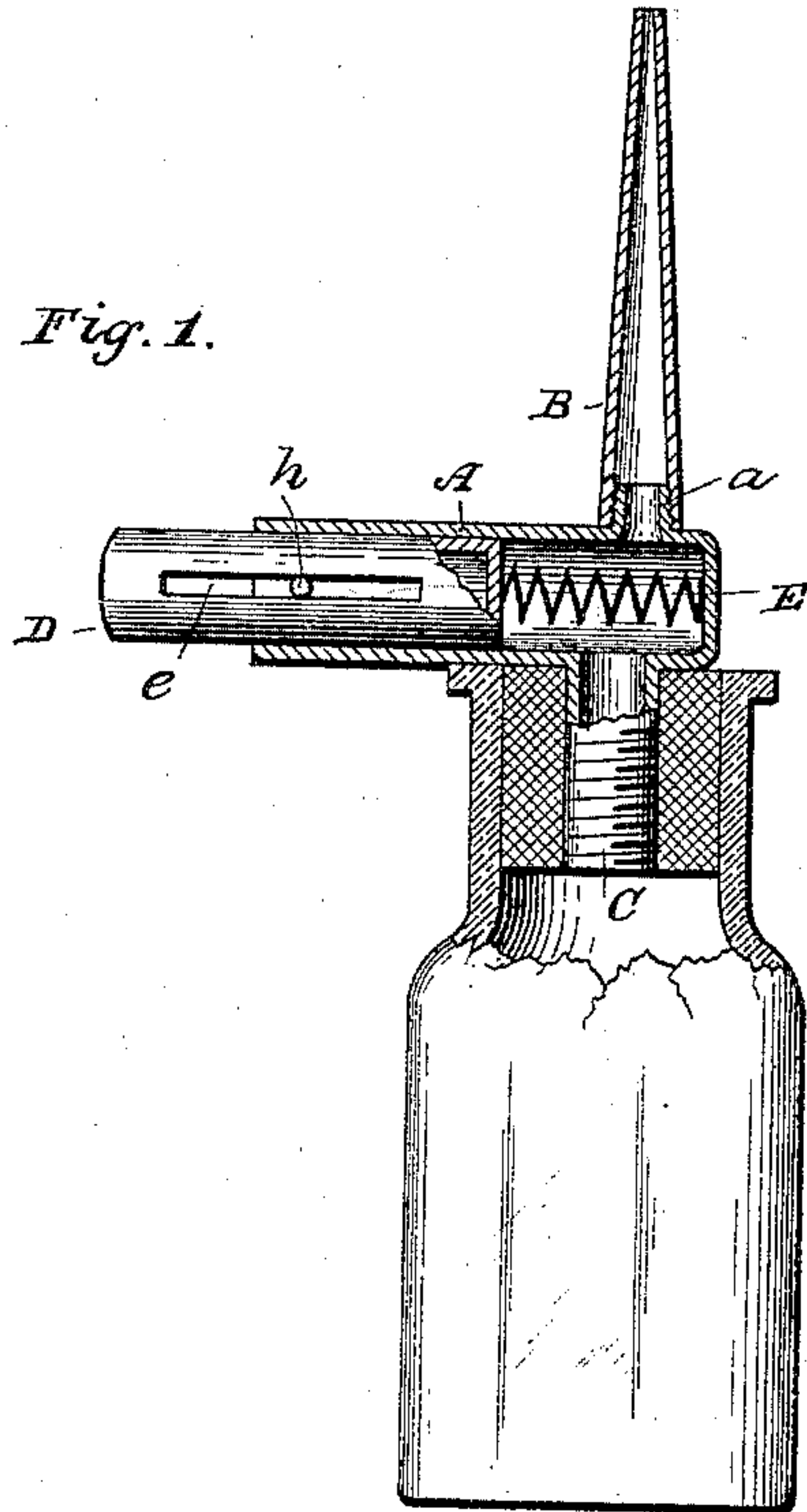


Fig. 2.

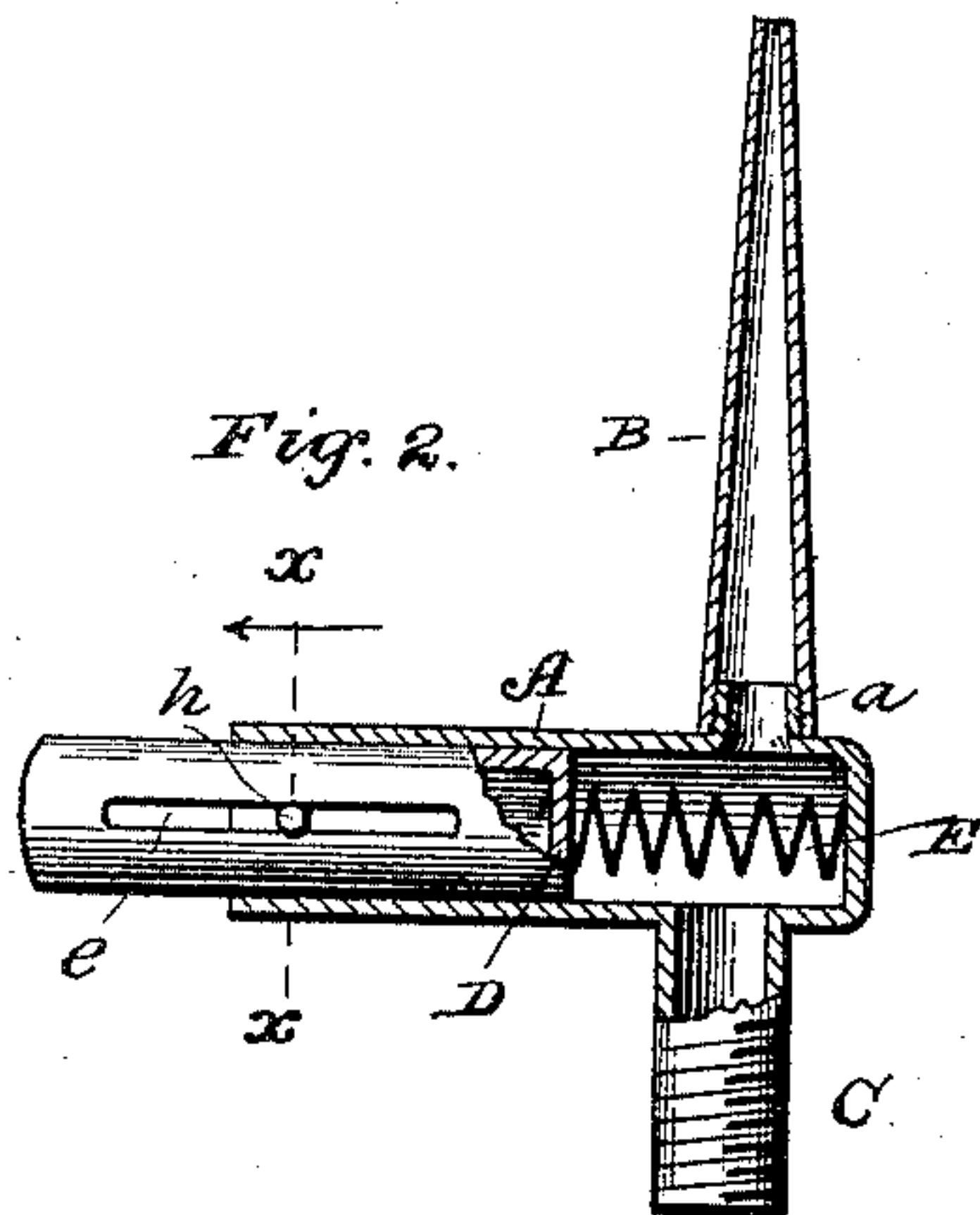


Fig. 3.



ATTEST.

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LUBRICATOR ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 436,438, dated September 16, 1890.

Application filed November 22, 1889. Serial No. 331,202. (No model.)

To all whom it may concern:

Be it known that I, REUBEN RITTER, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Lubricator Attachments; and I do 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, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

15 This invention relates to lubricators, and aims to provide a device that can be readily attached to a bottle or other vessel for ejecting the lubricant onto the part to be lubricated.

20 The improvement consists of the novel features which will be hereinafter more fully described and claimed, and which are shown in the annexed drawings, in which—

25 Figure 1 is a side view, parts being broken away, of the attachment, showing its application to a bottle. Fig. 2 is a side view, parts being broken away, of the attachment. Fig. 3 is a cross-section on the line X X of Fig. 2, looking in the direction of the arrow.

30 The barrel A is provided with the spout or nozzle B and with the tubular extension C, which project from diametrically-opposite sides thereof. The extension C is integral with the barrel and is screw-threaded to form a positive and close connection with the vessel to which the attachment is applied. The spout or nozzle B is preferably separate from the barrel, being connected therewith by screwing it on the threaded nipple *a*, which is
40 provided on the said barrel.

The plunger D, a tubular section, fits the barrel snugly and is held normally at the extreme outer limit of its movement by the spring E, which is placed within the barrel between the plunger and the closed end of the barrel. This tubular section is closed at each end, the inner end forming the compression-face and the outer end the thumb or finger rest, and is limited in its movements and prevented from turning in the barrel by the pin *h*, which passes through the slot *e* in the sides of the tubular section and has its ends seated in the sides of the barrel.

The attachment is applied by inserting the extension C into a suitable aperture provided in the cork of a bottle or in any desired vessel. A pressure on the outer end of the plunger forces it into the barrel and expels the oil. When the pressure is removed, the spring E returns the plunger to its normal position ready for a repetition of the operation.

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

The hereinbefore-specified lubricator attachment, comprising the barrel having the nozzle B and the extension C, the tubular plunger closed at each end and having the slot *e* in its sides, the pin *h*, passing through the slots *e* and fixed in the sides of the barrel, and the spring E, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

REUBEN RITTER.

Witnesses:

HARRY S. DUVALL,
JACOB S. DUVALL.