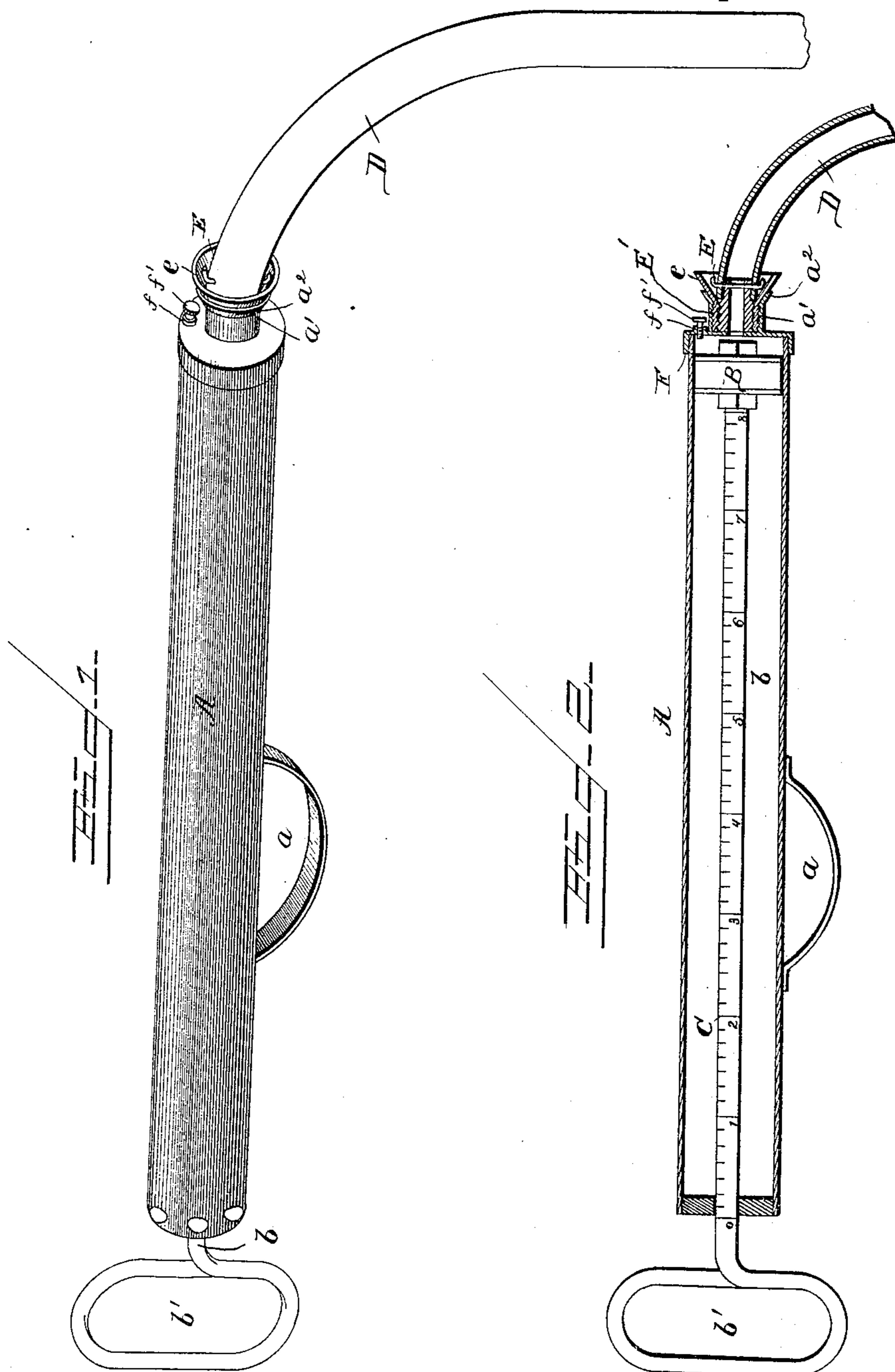


(No Model.)

J. P. LEMMON.
VETERINARY DRENCHER.

No. 389,307.

Patented Sept. 11, 1888.



Witnesses.

Henry G. Dieterich.

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UNITED STATES PATENT OFFICE.

JOSEPH POINTSET LEMMON, OF BARNEGAT, NEW JERSEY.

VETERINARY DRENCHER.

SPECIFICATION forming part of Letters Patent No. 389,307, dated September 11, 1888.

Application filed April 13, 1888. Serial No. 270,534. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH POINTSET LEMMON, a citizen of the United States, residing at Barnegat, in the county of Ocean and State of New Jersey, have invented new and useful Improvements in Devices for Drenching Cattle of which the following is a specification.

The invention is an improved syringe whereby horses and cattle may be drenched with ease to the operator; and it consists in the construction and novel combination of parts hereinafter described, illustrated in the drawings and pointed out in the claims.

Figure 1 of the drawings represents a perspective view of the device. Fig. 2 represents a central longitudinal section of the same.

Referring to the drawings by letter, A designates the cylinder of the syringe, having the handle *a*, of convenient form, secured to its under side and provided at its discharge end with a nipple, *a'*, provided with an internal thread and with a flaring circumferential flange, *a''*, at its end.

B is a solid piston moving in the cylinder, and *b* is the piston-rod, having a suitable handle, *b'*, on its outer end and passing through a central opening in the cylinder-head, which is preferably non-detachable.

D is a rubber tube adapted to be inserted in the mouth of an animal and passed a sufficient distance down into the throat, which tube is secured by a transverse wire or otherwise to a screw-thimble, E, which engages within the metal-plate screw-sleeve E', engaged within the nipple *a'*, and provided on its outer end with the large flaring flange *e*, that when the sleeve is screwed well into the nipple fits closely against the flange *a''* and forms a water-tight joint therewith.

It is not intended that the thimble E should be often removed from the sleeve, as it is usu-

ally kept screwed tightly therein, so that there will be no leakage between the two. The flange *e*, therefore, besides making a tight joint, as described, with the flange *a''*, also serves as a strong support for the fingers in connecting the tube to the nipple.

F is a threaded opening in the end of the cylinder A, which passes also through a boss, *f*, and is closed by a screw-plug, *f'*. The piston-rod, if desired, may be graduated to regulate the amount of the dose.

To fill the cylinder, the sleeve E is unscrewed and the medicine poured through the nipple.

If, when the tube is in the animal's throat, it is thought proper to give a second medicine or a larger quantity of the first, the screw-plug may be removed and the medicine poured through the opening F.

Having described my invention, I claim—

1. In a veterinary syringe, the combination of the internally-threaded nipple *a'*, provided with the flaring flange *a''*, the threaded-sleeve E', provided with the large flaring flange *e*, the screw-thimble E, engaging within said sleeve, and the rubber tube D, attached to the outer end of said thimble, as and for the purpose specified.

2. In a veterinary syringe, the combination, with the piston, the cylinder having a suitable discharge-nipple and provided with the threaded opening F, and the rubber tube connected with said nipple, of the screw-plug *f'*, adapted to close the opening F, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JOSEPH POINTSET LEMMON.

Witnesses:

FRANCIS R. ESTLOW,
J. CURTIS BENNETT.