

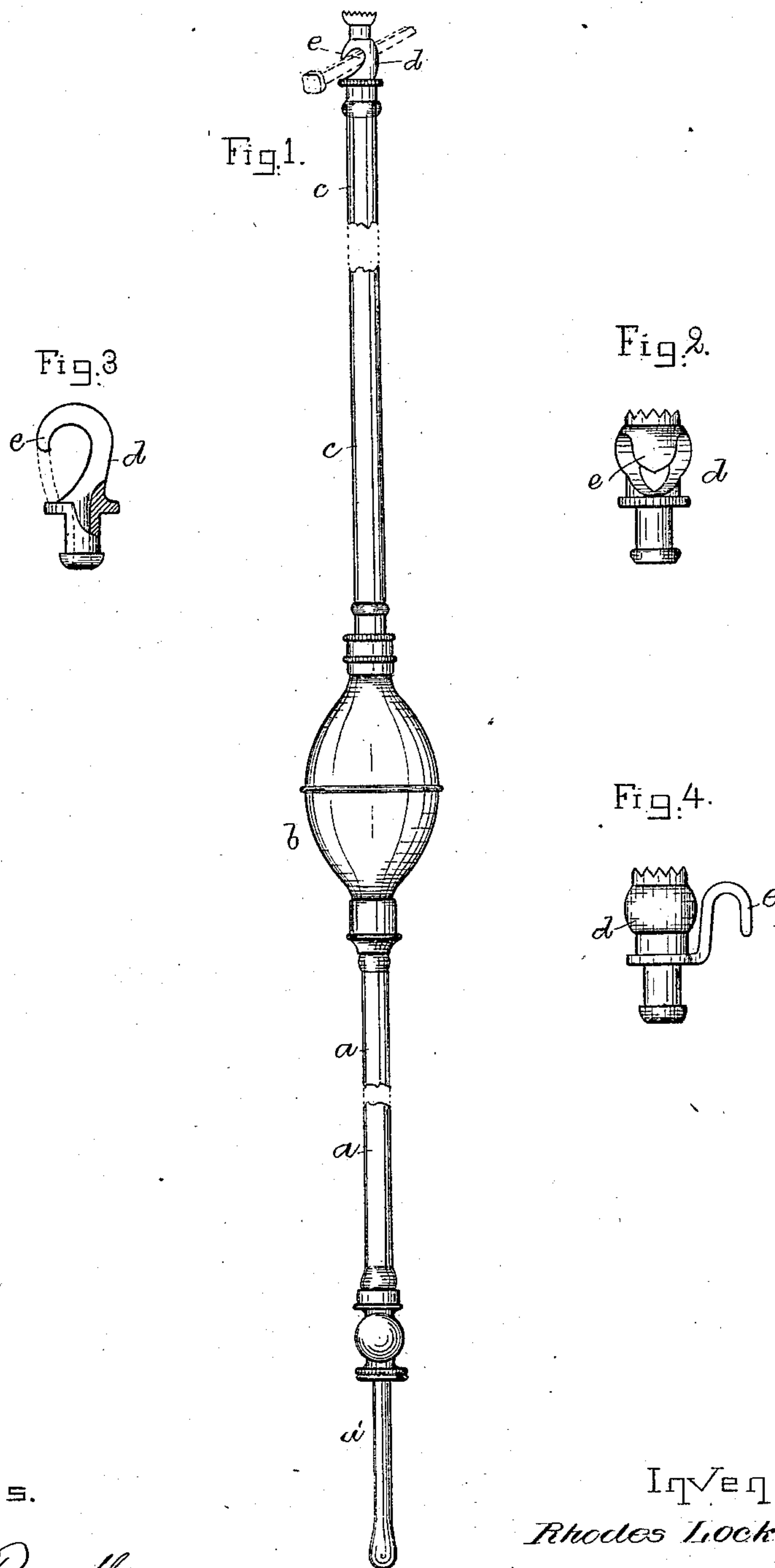
(No Model.)

R. LOCKWOOD.

SYRINGE.

No. 273,373.

Patented Mar. 6, 1883.



Witnesses.

*Fred. L. Powell.*

*John F. Co. Printers.*

Inventor.

*Rhodes Lockwood*

*by Crosby & Gregory*  
*attys.*

# UNITED STATES PATENT OFFICE.

RHODES LOCKWOOD, OF BOSTON, MASSACHUSETTS.

## SYRINGE.

SPECIFICATION forming part of Letters Patent No. 273,373, dated March 6, 1883.

Application filed October 23, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, RHODES LOCKWOOD, of Boston, county of Suffolk, State of Massachusetts, have invented an Improvement in Syringes, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

To maintain a syringe of the class herein shown in working order, the syringe, after it has been used, should be held by the suction-pipe, so that the bulb hangs below it, and then the bulb should be compressed several times, and the syringe should then be hung up with its suction-pipe uppermost. When the syringe is hung up by its suction end, both the outlet and inlet valves will drop away from the valve-seat and allow the liquid to gradually flow from it, and the syringe will not be spoiled so quickly, even if the bulb is not compressed, as stated, after using. Up to the present time the syringe has not been provided with any permanent attachment by which to hang it up; but for such purpose it has been customary to tie a loop of string about the suction end of the syringe, the said loop being slipped over a nail or other suitable pin.

My invention consists in providing the suction end of the syringe with a permanent loop or eye, thus forming a suspending device, by means of which the syringe may be suspended from its suction end, so as to permit the inlet and outlet valves to drop from their seats, the said loop or eye being preferably of metal, and preferably forming a part of the suction-tube, the hook or eye being adapted to be readily caught over a nail or hook driven into the wall.

Figure 1 represents a syringe embodying my

invention as it will appear when suspended from a nail, the nail being shown in dotted lines; Fig. 2, an enlarged detail of the foot of the suction-pipe detached, and Figs. 3 and 4 modifications to be referred to.

The injection-pipe *a*, its end piece, *a'*, the bulb *b*, and suction-pipe, and the inlet and outlet valves (not shown) are and may be as usual.

In Figs. 1 and 2, the foot *d* of the suction-pipe is cut away at one side to form a suspending device, shown as a hook or eye, *e*, to enable the syringe to be suspended from a nail, as at *f*. If desired, the hook or eye may be shaped as shown in Fig. 2, and, if desired, the point of the hook might be carried down to and connected with the main part of the foot, as shown in dotted lines, thus making a complete eye sufficiently large to pass over the head of an ordinary nail, such an eye being in purpose and operation an equivalent of the hook.

The hook or eye might be made to project from one side of the foot, as in Fig. 4. Where a loop of soft material—such as string—is employed, the loop, being wet when the syringe is hung up, must be spread open by the fingers.

I claim—

The combination, with the syringe, of a metallic foot-piece and its co-operating rigid hook or suspending device *e*, substantially as and for the purpose described.

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

RHODES LOCKWOOD.

Witnesses:

G. W. GREGORY,  
B. J. NOYES.