

M. MATTSON.
TUBE-HOLDER FOR SYRINGES.

No. 191,357.

Patented May 29, 1877.

Fig. 1.

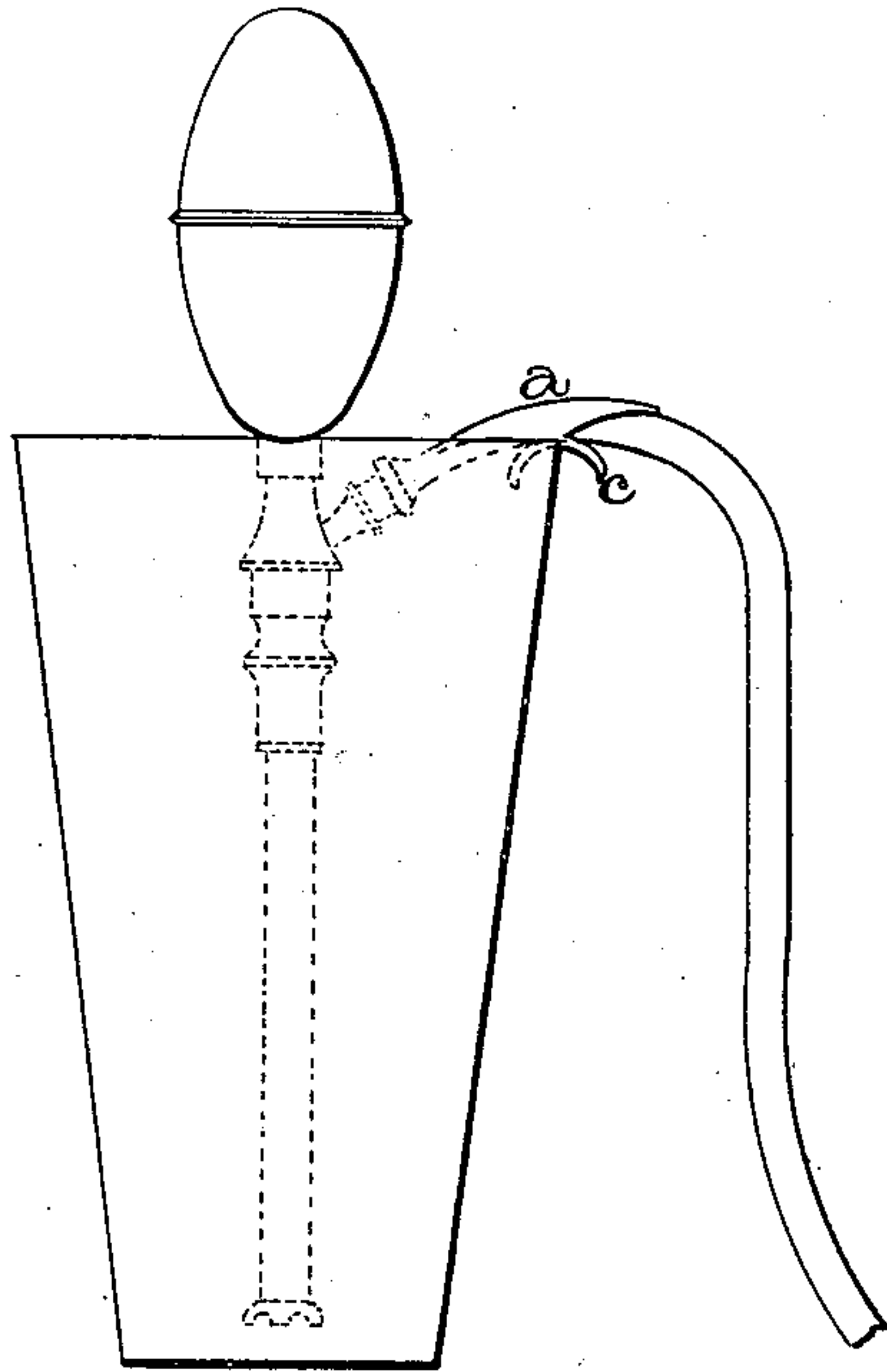
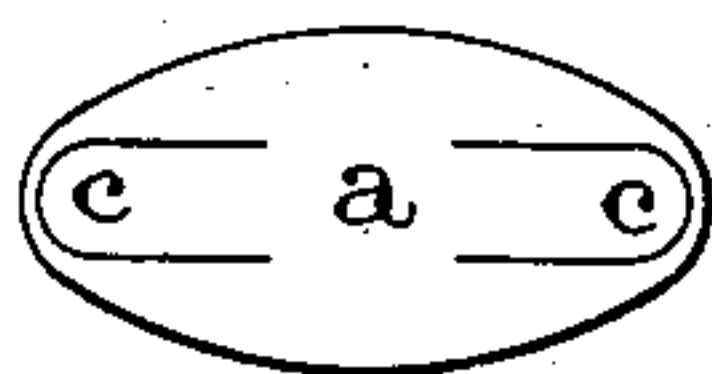


Fig. 2.



Fig. 3.



WITNESSES

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IMPROVEMENT IN TUBE-HOLDERS FOR SYRINGES.

Specification forming part of Letters Patent No. **191,357**, dated May 29, 1877; application filed May 22, 1877.

To all whom it may concern:

Be it known that I, MORRIS MATTSON, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Tube-Holder for Syringes; 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in tube rests or holders for syringes; and it consists of a holder which is stamped from sheet metal and passed over the tubing, so as to support it at that point where it passes over the top of a pitcher or other vessel, so as to prevent the tube from being closed by its own weight, and thus impeding the flow of water through it, as will be more fully described hereinafter.

The accompanying drawings represent my invention.

a represents a strip of any suitable sheet metal, which is made rounding at the ends and widest at the center. Struck down from the body of this strip are the two points *c c*, the ends of which point in opposite directions, and which are curved downward, so as to form a concave for catching over the edges of the pitcher or any other vessel from which a siphonic syringe may be drawing water. By striking down these points and bending the strip *a* into the form shown, there is made an opening through each end of the strip of sufficient size for the tubing of the syringe to pass through.

This holder is slipped upon the tubing to any desired point, so that the concave which is formed by the two struck-down points will rest just upon the top of the vessel from which the water is being drawn by the syringe, so as to prevent the tube of the syringe from coming in contact with the edge of the vessel, and being closed or bent by its own weight in such a manner as to prevent the water flowing freely through it.

Where the tubing is heavy and strong enough to resist this downward pressure this holder or rest is not needed; but where the tubing is light, as is always the case when attached to syringes, this holder prevents the tubing from being closed so as to stop the flow of water through it.

This holder is bent so as to conform as much as possible to the shape of the tubing, and thereby made to take up as little room as possible.

Having thus described my invention, I claim—

The tube-rest cut from one piece of sheet metal, for supporting and holding in place the rubber tubing of a syringe where it passes over the edge of the vessel out of which water is being drawn, substantially as shown.

In testimony that I claim the foregoing I have hereunto set my hand this 21st day of May, 1877.

MORRIS MATTSON.

Witnesses:

WM. D. LUDLOW,
F. A. LEHMANN.