

(No Model.)

A. C. EGGERS.
FOUNTAIN SYRINGE OR WATER BOTTLE.

No. 427,256.

Patented May 6, 1890.

Fig. 2.

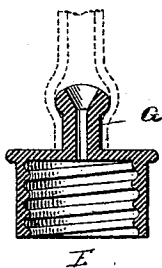


Fig. 3.

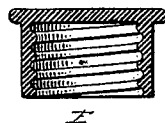


Fig. 1.

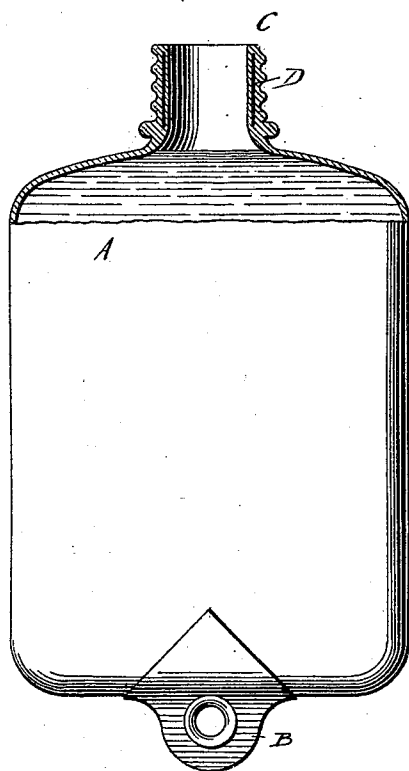


Fig. 4.

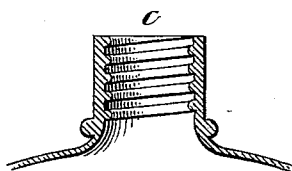


Fig. 5.

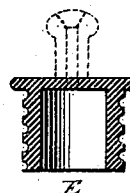
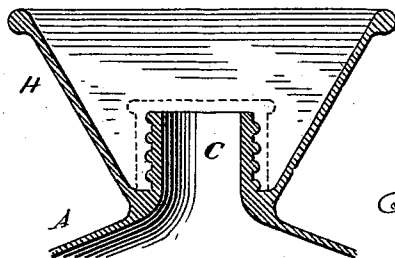


Fig. 6.



WITNESSES:

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ANTON C. EGGERS, OF BROOKLYN, NEW YORK.

FOUNTAIN-SYRINGE OR WATER-BOTTLE.

SPECIFICATION forming part of Letters Patent No. 427,256, dated May 6, 1890.

Application filed December 16, 1889. Serial No. 333,891. (No model.)

To all whom it may concern:

Be it known that I, ANTON C. EGGERS, of Brooklyn, in the county of Kings and State of New York, a citizen of the United States, have
5 invented certain new and useful Improvements in Fountain-Syringes or Water-Bottles, of which the following is a specification.

The object of my invention is to provide a
10 new and improved fountain-syringe or water-bottle which has but a single inlet and outlet opening and which can be closed very compactly by simple means.

The invention consists in the combination
15 of a fountain-syringe or water-bottle, a soft-rubber neck made integral with said bottle-syringe and provided with a soft-rubber screw-thread, a metal tube fixed in the soft rubber forming the neck, and a screw-cap adapted to be screwed on said neck.

20 In the accompanying drawings, Figure 1 is a face view of my improved fountain-syringe and water-bottle, parts being in section. Fig. 2 is a vertical transverse sectional view of the cap provided with the stem for attaching the
25 hose. Fig. 3 is a cross-sectional view of the closed cap. Fig. 4 is a cross-sectional view of the neck having the soft-rubber thread on the inside. Fig. 5 is a vertical cross-sectional view of the stopper or cap for the neck
30 shown in Fig. 4. Fig. 6 is a vertical cross-sectional view of a neck combined with a funnel.

Similar letters of reference indicate corresponding parts.

35 The fountain-syringe or water-bottle A is made of soft rubber in the usual manner, and is provided at one end with an apertured lug B, for hanging it when in use as a syringe, and at the opposite end it is provided with a
40 neck C, made of soft rubber and integral with the body A, and having a soft-rubber screw-thread, which may be an external screw-thread, as shown in Figs. 1 and 6, or an internal thread, as shown in Fig. 4. A metal ring D
45 is vulcanized into the soft rubber forming the neck, for the purpose of increasing the rigid-

ity and stiffness of said neck. The neck is closed by an internally screw-threaded hard-rubber or metal cap E, (shown in Figs. 2 and 3,) and which is screwed onto the neck, or it
50 is closed by an internally screw-threaded cap E', (shown in Fig. 5,) which is screwed into the neck having an internal screw-thread. The top of the cap E may be closed, as shown in Fig. 3, or it may be provided with a stem
55 or nipple G for attaching a rubber hose. The neck may be provided with a soft-rubber funnel H, made integral with the neck and body to facilitate filling the bottle. The hard-rubber or metal cap that is screwed on or in the
60 soft-rubber screw-thread of the neck forms an effective and tight joint, as the several windings of the thread of the cap are in close contact with the several soft-rubber screw-threads
65 of the neck, which soft-rubber threads act as so many washers, and thus absolutely prevent the passage of water. The cap, if made of metal, is provided with a soft ribbed exterior covering, which acts as a heat-insulator.

I do not claim to be the first inventor of a
70 neck having a soft-rubber screw-thread or a cap and soft-rubber screw-thread, as these have been used before.

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

The combination, with a fountain-syringe or water-bottle, of a soft-rubber neck made integral with said bottle or syringe and provided with a soft-rubber screw-thread, a metal
80 ring vulcanized into the soft-rubber forming the neck, and a screw-cap adapted to be screwed on said neck, substantially as set forth.

In testimony that I claim the foregoing as
85 my invention I have signed my name in presence of two subscribing witnesses.

ANTON C. EGGERS.

Witnesses:

OSCAR F. GUNZ,
MARTIN PETRY.