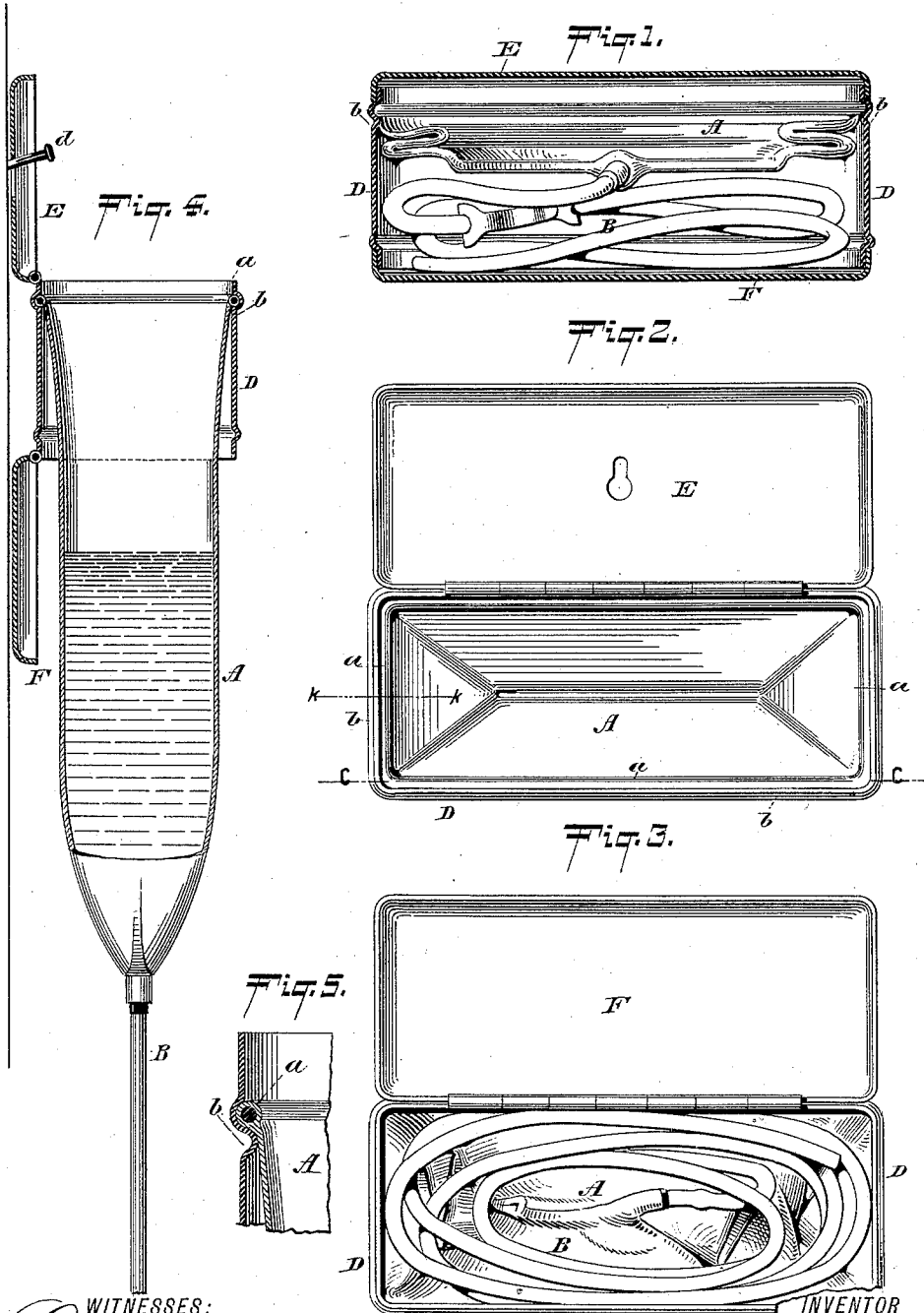


(No Model.)

C. A. TATUM.
FOUNTAIN SYRINGE.

No. 431,084.

Patented July 1, 1890.



WITNESSES:
Gustave Dietrich.
William Goebel.

INVENTOR
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UNITED STATES PATENT OFFICE.

CHARLES A. TATUM, OF NEW YORK, N. Y., ASSIGNOR TO WHITALL, TATUM & CO., OF SAME PLACE.

FOUNTAIN-SYRINGE.

SPECIFICATION forming part of Letters Patent No. 431,084, dated July 1, 1890.

Application filed April 8, 1890. Serial No. 347,094. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. TATUM, a resident of the city of New York, county and State of New York, have invented an Improvement in Fountain-Syringes, of which the following is a specification, reference being had to the accompanying drawings, forming a part of the same, wherein—

Figure 1 is a vertical section of the closed vessel containing my syringe, and showing the syringe within it in side view. Fig. 2 is a top view thereof, showing the upper cover of the box swung open. Fig. 3 is a bottom view thereof, showing the lower cover of the box swung open. Fig. 4 is a vertical cross-section of the fountain-syringe in the box when both lids of the box are open, and Fig. 5 is a detail sectional view showing how the syringe is secured in the box.

This invention relates to a new combination of a fountain-syringe with the box within which the same may be packed, the combination having for its object the more intimate connection between the syringe and the box, so that both may at all proper times be used conjointly, as hereinafter more fully described.

In the accompanying drawings, the letter A represents the bag, and the letter B the tube, of an ordinary fountain-syringe. The mouth of the bag A is provided with a stiffening-rim *a*, of wire or the like, for the purpose of holding it distended and for supporting it in the box D. This box differs from older boxes in having two lids instead of one, an upper lid E and a lower lid F. The stiffened rim *a* of the bag A fits on a shoulder *b*, formed in the upper part of the box D, as shown in Figs. 4 and 5, thus permitting the fountain-syringe to be suspended while in use from said box.

When the fountain-syringe is to be used, both lids E and F are swung open, as in Fig. 4, the upper lid E serving, if desired, as a

means of suspending the fountain from a wall or bracket. In Fig. 4 the particular manner of suspension is shown in form of a nail *d*, passing through a hole in the lid E into a wall; but other means for securing the box D to a wall may be used. The lower lid F when opened, as in Fig. 4, allows the fountain-syringe to drop down and to be suspended from the box D, and in this form the syringe can be used, yet when not to be used it is convenient to pack the syringe-bag into the box, as in Fig. 1, closing both lids, and thus always having all the parts ready for conjoint use.

If for any reason it should be necessary to separate the bag A from the box D, this can be accomplished by lifting it out of the box; and instead of the stiffening-rim *a* on the shoulder *b* of the box the bag A may be connected in other manner, so long as a substantial support is furnished by the body of the box to the bag of the fountain sufficient to hold the same when filled with liquid.

Having now described my invention, what I claim is—

1. The combination of the fountain-syringe A B with the box D, having movable lids E and F on opposite sides, and with means for suspending the reservoir portion of the syringe from the said box D when open, substantially as and for the purpose herein shown and described.

2. The combination of the fountain-syringe A B, having stiffened rim *a* at the mouth of its bag, with the box D, having shoulder *b* for the support of said stiffened rim, and with the lids E and F, with which said box is provided, substantially as and for the purpose herein shown and described.

CHARLES A. TATUM.

Witnesses:

WM. M. BROWNE,
HARRY M. TURK.