

(No Model.)

A. B. BOTSFORD.
SYRINGE CASE.

No. 478,081.

Patented July 5, 1892.

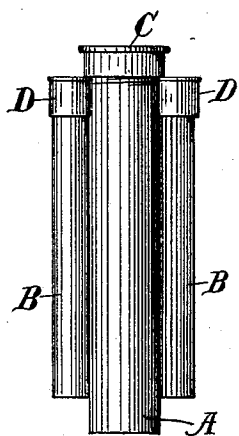


Fig. 1.

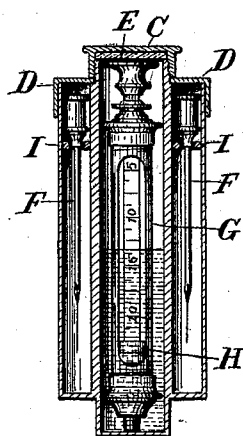


Fig. 3.

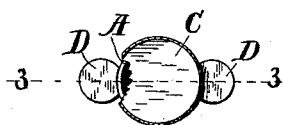


Fig. 2.

WITNESSES:

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ALBAN B. BOTSFORD, OF GRAND RAPIDS, MICHIGAN.

SYRINGE-CASE.

SPECIFICATION forming part of Letters Patent No. 478,081, dated July 5, 1892.

Application filed March 23, 1892. Serial No. 426,161. (No model.)

To all whom it may concern:

Be it known that I, ALBAN B. BOTSFORD, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Cases for Hypodermic 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 appertains to make and use the same.

My invention relates to improvements in cases for hypodermic syringes; and its object is to provide the same with certain new and useful features hereinafter more fully described, and particularly pointed out in the claim, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation of a device embodying my invention; Fig. 2, a plan view of the same with part of the cap C broken away, and Fig. 3 a transverse vertical section of the same on the line 3 3 of Fig. 2.

Like letters refer to like parts in all of the figures.

My improved case consists, essentially, of three cylindrical vessels arranged with their axes in the same plane and secured to each other. The middle cylinder A is of sufficient size to inclose the syringe G and is provided with a screw-cap C, having a packing E, of cork, rubber, or other suitable material, which packing engages the upper end of said cylinder

and seals the same to retain any liquid that may be placed in the same with the syringe. I am thus able to place water or any other liquid in said vessel with said syringe, which will prevent the packing H of the piston from becoming dry and leaking. I thus maintain the syringe in good working condition at all times. A medicated liquid may be substituted for the water. The case then serves as a sealed vessel to carry the medicated solution as well as the syringe. The side cylinders F F are shorter than the middle cylinder A, and are so located that their caps D D are engaged and held in place by the opposite sides of the screw-cap C. Annular stops I are provided, which engage the coupling of the needles and prevent their points from coming in contact with the bottoms of the inclosing cylinders.

What I claim is—

The combination of a central cylindrical vessel to contain the syringe, together with a liquid, parallel side vessels attached thereto to contain the needles and having removable caps, and a screw-cap on said central vessel having packing to seal the same and engaging said side caps, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

ALBAN B. BOTSFORD.

Witnesses:

GEORGE W. SHOOK,
LUTHER V. MOULTON.