

S. S. S. CAMPBELL.
HYPODERMIC SYRINGE CASE.
APPLICATION FILED SEPT. 22, 1908.

945,118.

Patented Jan. 4, 1910.

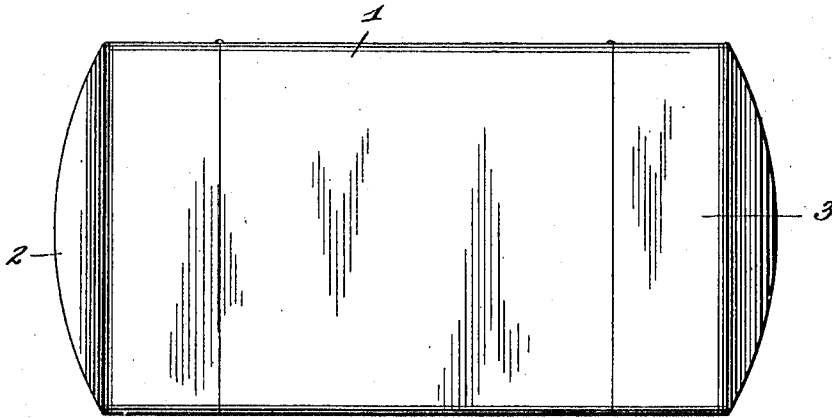


Fig 1.

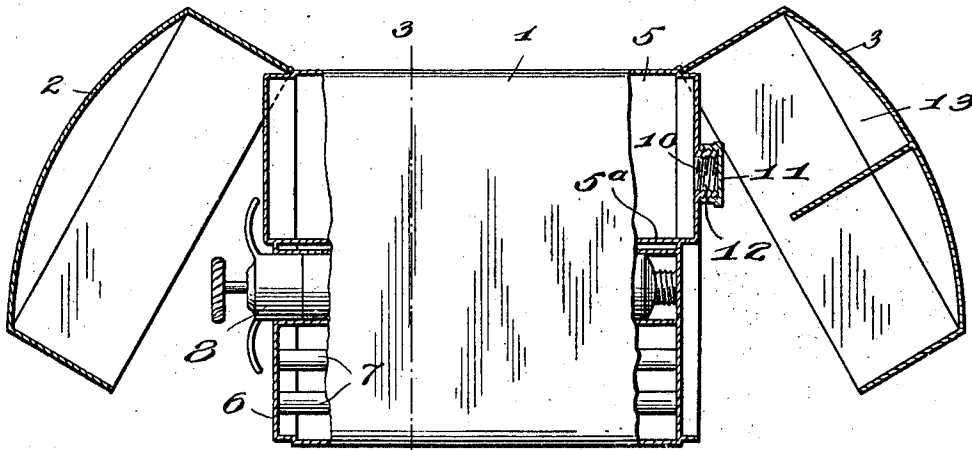
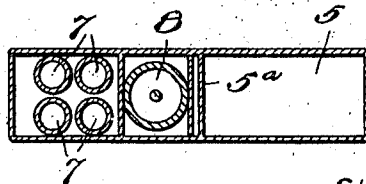


Fig 2.

Fig 3



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UNITED STATES PATENT OFFICE.

SHELDON S. S. CAMPBELL, OF COLLINSVILLE, CONNECTICUT.

HYPODERMIC-SYRINGE CASE.

945,118.

Specification of Letters Patent.

Patented Jan. 4, 1910.

Application filed September 22, 1908. Serial No. 454,253.

To all whom it may concern:

Be it known that I, SHELDON S. S. CAMPBELL, a citizen of the United States, residing at Collinsville, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Hypodermic-Syringe Cases, of which the following is a specification.

This invention relates to hypodermic-syringe cases and has for its object to provide such a case with a container for sterilized water to be used for dissolving the tablet or medicament to be used in the syringe, and also a receptacle in which such tablet or medicament may be dissolved.

In the accompanying drawings, Figure 1 is a side view of the case closed. Fig. 2 is a plan partly in section showing the case open and ready for use. Fig. 3 is a cross section on line 3 3 of Fig. 2.

Referring specifically to the drawings, the syringe case is shown made in three sections, a middle hollow section 1, a cap 2 for one end, and a cap 3 for the other end, these caps fitting on the shouldered ends of the barrel or middle section.

The middle section or barrel contains or is made with a tank 5, formed in part by the wall of the section and in part by a longitudinal partition 5^a. The barrel has at one end a cross wall 6 from which extends a number of tubes 7, to hold the needles and other parts, and syringe 8 of the outfit. The end of the tank 5 is fitted with a nipple 10 communicating with the tank 5 for filling and emptying it. The nipple is threaded on the outside to receive a screw-cap 11 for closing it, and it is also interiorly threaded as indicated at 12 which threads correspond to the threads on the end of the syringe so that the latter may be attached to the nipple for drawing the water from the tank.

At 13 is indicated a receptacle or cup in which the tablet or medicament to be used in the syringe is dissolved. The receptacle is formed in one end of the cap 3, by a partition across the same.

The tank 5 will be filled with sterile water, and in use the cap 3 is slipped off and after removing the cap 11 the syringe is attached

to the nipple 10 by screwing it thereinto. The plunger of the syringe is then worked to fill the syringe barrel with water from the tank after which the syringe is detached from the nipple and emptied into the receptacle 13 into which the tablet or medicament to be dissolved has been placed. After the latter is dissolved the solution is taken up by the syringe and injected in the usual manner.

By providing the case with the herein described receptacle for sterile water, as well as with the receptacle for the medicament to be used, the syringe can be made ready for use without delay and without waiting for a supply of boiled water which is often not readily obtainable as in railroad and automobile wrecks and other accidents, and even if a supply of boiled water is at hand a receptacle in which the medicament is to be dissolved may be lacking or not in proper condition for use. In any event this delay may mean death to the patient, besides the danger of infection. By my invention the syringe can be quickly charged, and it is always clean, sterile and ready for instant use. The tank 5 is quadrangular in outline and occupies the space in the case unoccupied by the tubes 7 and syringe 8.

I have herein described and shown in the drawings the preferred embodiment of my invention but it is to be understood that minor changes in the details of construction set forth may be resorted to without departing from spirit of the invention, and I do not wish to be limited to the specific construction disclosed.

I claim:—

The combination of a hypodermic syringe case having a tank and a syringe-compartment therein, the tank having a nipple and a cap, and a syringe which fits in the compartment and is attachable to said nipple on removal of the cap.

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

SHELDON S. S. CAMPBELL.

Witnesses:

LAURA E. THAYER,
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