

Nov. 29, 1927.

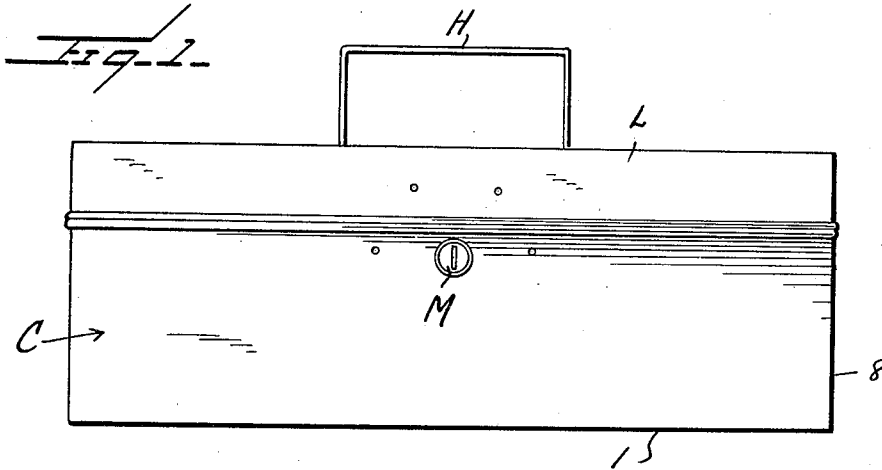
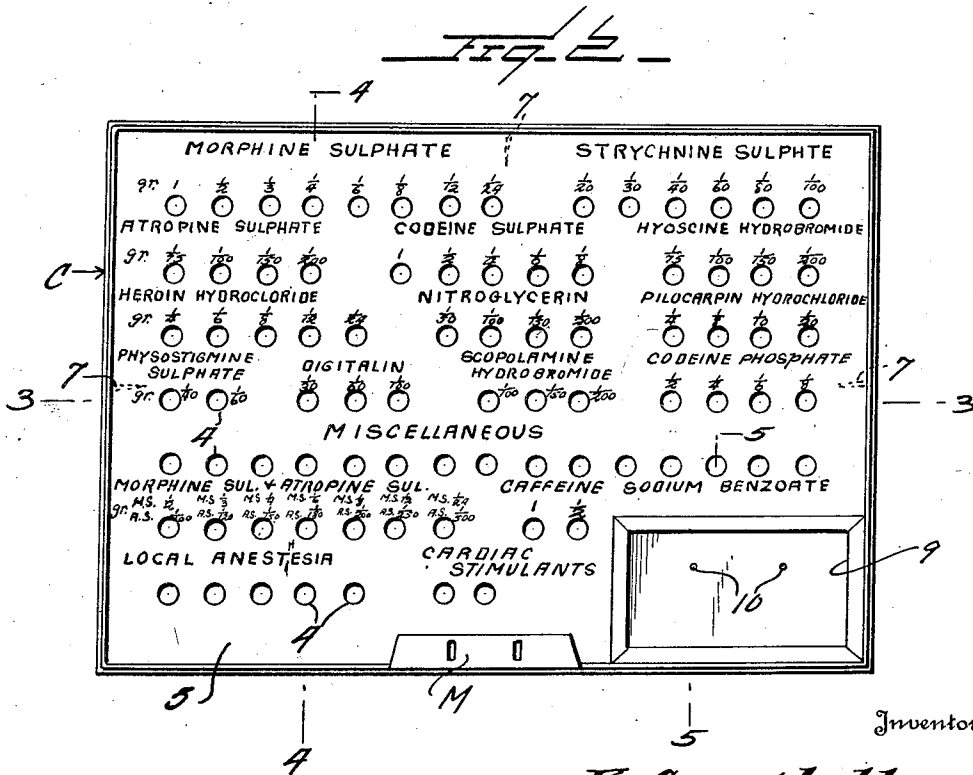
K. CAMPBELL

1,650,980

HYPODERMIC CASE

Filed Oct. 14, 1926

2 Sheets-Sheet 1



Inventor

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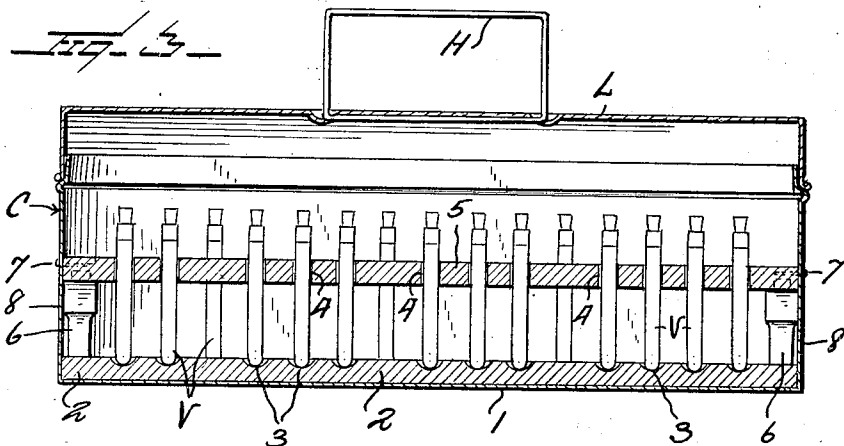
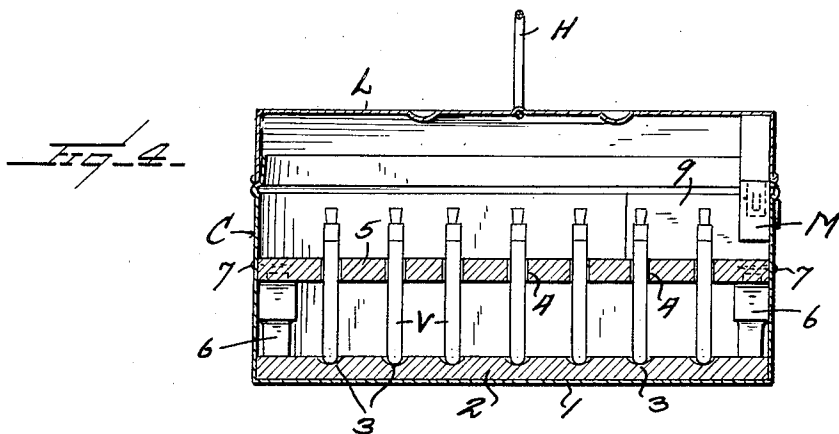
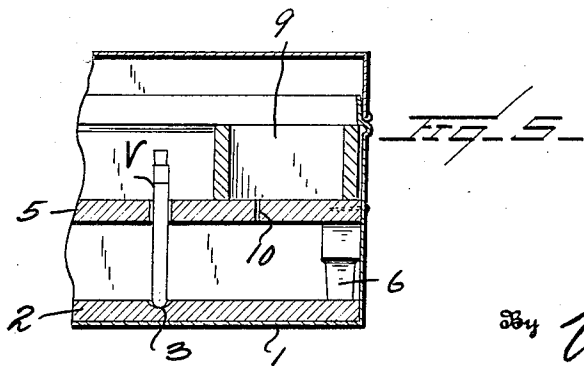
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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE.

KATHARINE CAMPBELL, OF HASTINGS, PENNSYLVANIA.

HYPODERMIC CASE.

Application filed October 14, 1926. Serial No. 141,584.

This invention relates to a hypodermic case and it is an object of the invention to provide a case of this type especially adapted for use in hospitals and which serves to facilitate supplying, handling and indexing of the glass vials containing the numerous hypodermic tablets commonly used in medical practice whereby is materially facilitated and expedited the administering of hypodermic doses to the patients.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved hypodermic case whereby certain important advantages are attained and the device rendered simpler, less expensive and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

The novel features of my invention will hereinafter be definitely claimed.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein:—

Figure 1 is a view in elevation illustrating a hypodermic case constructed in accordance with an embodiment of my invention;

Figure 2 is a view in top plan of the structure as illustrated in Figure 1 with the cover or lid removed;

Figure 3 is a sectional view taken substantially on the line 3—3 of Figure 2 with the cover or lid applied and vials in applied position;

Figure 4 is a sectional view taken substantially on the line 4—4 of Figure 2 with the cover or lid applied together with the vials;

Figure 5 is a detailed sectional view taken substantially on the line 5—5 of Figure 2 with the cover or lid and a vial applied.

As disclosed in the accompanying drawings, C denotes a case of any preferred material and of desired dimensions having its upper face open, said open face, however, being adapted to be closed by the lid or cover L. This lid or cover L is adapted to be held in closed position by a lock mechanism M of any desired type. The cover or lid L has operatively engaged therewith a handle member H to facilitate transporting of the case C and its content.

Snugly fitting within the case C and resting upon the bottom wall 1 thereof is a board

or plate 2 having provided in its upper surface a plurality of pockets or depressions 3. Each of these pockets or depressions 3 is arranged directly below an opening 4 provided in a deck or table 5. This deck or table 5 may be formed of any preferred material and is provided at its corner portions with the legs 6 contacting with the board or plate 2. The legs 6 are firmly attached to the deck or table 5 but not to the board or plate 2 which also may be termed a lower deck. However, to maintain the deck or table 5 in a fixed position within the case C, a screw 7 or the like is disposed through each of the side walls 8 of the case C and engaged with the deck or table 5.

A vial V is adapted to be inserted from above through each of the openings 4 with the lower or convex end of the vial received within the pocket or depression 3 directly below such opening 4.

All parties who are permitted to handle and administer hypodermic drugs are aware of the fact that the active ingredients in hypodermic tablets are given in grains or fractional parts of grains. The openings 4 are, therefore, divided into groups, each group containing a different drug and indexed as morphine sulphate, strychnine sulphate, atropine sulphate, etc., and each opening of certain groups is further indexed as to the amount of drug contained in each tablet as $\frac{1}{2}$ gr.; $\frac{1}{4}$ g.; $\frac{1}{10}$ gr.; etc.

Above the deck or table 5 and preferably at a corner portion of the case C is provided a compartment 9 in which is adapted to be stored a hypodermic syringe and needles when not in use. The deck or table 5 provides a bottom for this compartment 9 and such bottom portion has disposed there-through the recesses 10 in which the needles are inserted and kept when not in use.

When the screws 7 are applied the table 5 and the plate 2 are secured in their proper positions within the case C. When the screws 7 are removed the table 5 and the plate 2 may be extracted from the case 3 in order that the said parts may be cleaned and that the interior of the case may be scoured. Should the lock M be of such transverse breadth as to interfere with the vertical lifting of the table and the plate out of the case the said parts may be tilted and worked around the lock as they are being extracted or the sides of the case may be flexed or

sprung slightly in order to provide ample clearance to permit of the removal of the parts.

5 The usefulness of my improved hypodermic case is believed obvious to anyone familiar with the practice of medicine. In the manner now generally employed, when hypodermic treatment is to be given, the nurse is required to go to a non-portable cabinet to get the prescribed tablet and search
10 through a large number of vials which are not generally kept in any systematic order. This results in loss of much valuable time even in cases of emergency when human life
15 depends upon the immediate administration of the proper drug.

With the use of the invention as herein set forth, the nurse has the case close at hand and when a hypodermic is required opens the
20 lid, glances at the index and takes out the vial containing the required tablet. This can be further verified by reading the label applied directly to the vial.

25 From the foregoing description it is thought to be obvious that a hypodermic case constructed in accordance with my invention is particularly well adapted for use by reason of the convenience and facility with which it may be assembled and oper-

ated, and it will also be obvious that my invention is susceptible of some change and modification without departing from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement
35 and formation of the several parts herein shown in carrying out my invention in practice except as hereinafter claimed.

I claim:—

A hypodermic case comprising a container
40 having side walls vertically disposed with relation to its bottom wall, a bottom plate fitting snugly between the side walls and resting upon the bottom wall of the container, said bottom plate being provided
45 at its upper surface with spaced pockets, a deck plate adapted to fit snugly between the side walls of the container, legs carried by the deck plate and resting upon the bottom plate, said deck plate having spaced open-
50 ings which register vertically with the pockets in the bottom plate, and detachable securing devices passing through the side walls of the container and entering the edge portions
55 of the deck plate.

In testimony whereof I hereunto affix my signature.

KATHARINE CAMPBELL.