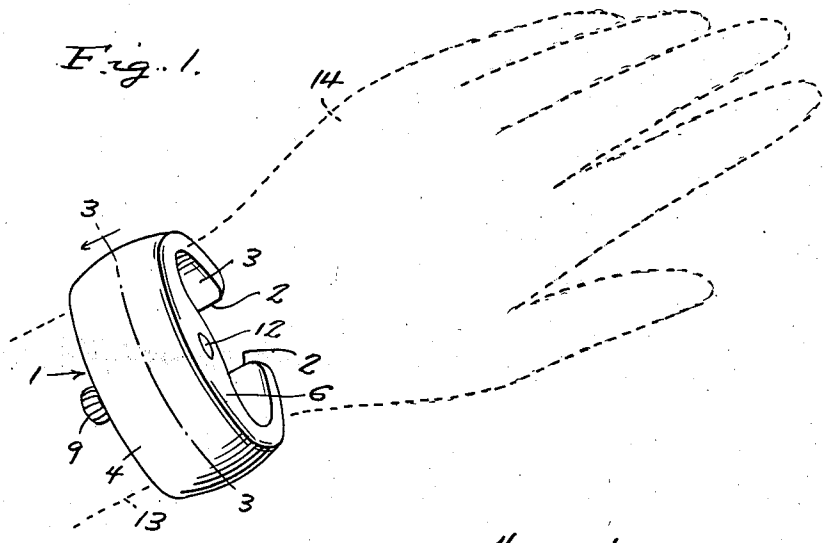
March 18, 1941. V. ANDERSON 2,235,350

LOTION DISPENSER

Filed March 19, 1940

Fig. 1.



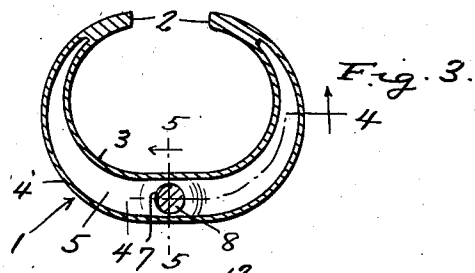


Fig. 3.

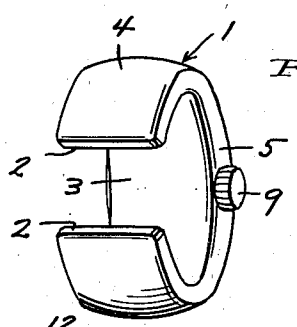


Fig. 2.

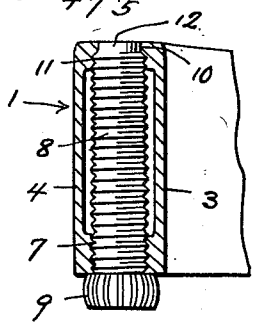


Fig. 5.

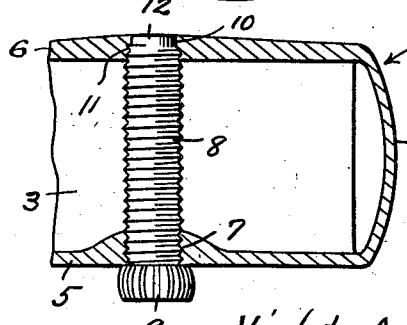


Fig. 4.

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Patented Mar. 18, 1941 2,235,350

UNITED STATES PATENT OFFICE

2,235,350

LOTION DISPENSER

Violet Anderson, Oakland, Calif.

Application March 19, 1940, Serial No. 324,870

1 Claim. (Cl. 224—28)

The present invention relates to new and useful improvements in dispensers for lotions and other fluids and has for its primary object to provide, in a manner as hereinafter set forth, a device of this character which is adapted to be conveniently mounted on the wrist.

Another very important object of the invention is to provide a dispenser of the aforementioned character comprising novel means for controlling the discharge of the fluid.

Other objects of the invention are to provide a dispenser of the character described which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, compact, light in weight, attractive in appearance and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawing wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a perspective view of a dispenser constructed in accordance with the present invention, showing the device mounted on a wrist.

Figure 2 is a perspective view of the device, taken from another angle.

Figure 3 is a vertical sectional view through the device, taken substantially on the line 3—3 of Fig. 1.

Figure 4 is a fragmentary sectional view, taken substantially on the line 4—4 of Fig. 3.

Figure 5 is a cross sectional view through an intermediate portion of the device, taken substantially on the line 5—5 of Fig. 3.

Referring now to the drawing in detail, it will be seen that the embodiment of the invention which has been illustrated comprises a substantially C-shaped container which is designated generally by the reference numeral 1, said container being of any suitable material. As suggested in Fig. 1 of the drawing, the container 1 is adapted to be mounted on the back of the wrist substantially in the manner of a split bracelet. The container 1 tapers toward its ends 2 and comprises inner and outer walls 3 and 4, respectively, and side walls 5 and 6.

The wall 5 has formed therein, at an intermediate point in the container 1, a threaded opening 7. Threadedly mounted in the opening 7 is a neeedle valve 8. On its outer end the needle valve 8 is provided with a ribbed actuating head or knob 9. It will be observed that the wall 5 is thickened where the opening 7 passes therethrough.

Formed in the opening 6, in alignment with the opening 7, is a discharge port 10. The port 10 is adapted to receive the needle valve 8 and toward this end is provided with a counterbored, threaded inner portion 11 into which said needle valve is adapted to be screwed. The needle valve 8 terminates in a reduced, smooth end portion 12 which is engageable in the comparatively small, unthreaded outer portion of the port 10. The counterbore 11 further provides a seat or shoulder in the port 10 with which the needle valve 8 is engageable. This is shown to advantage in Figs. 4 and 5 of the drawing. It will be observed that the wall 6 is also thickened at the point where the port 10 passes therethrough.

It is thought that the manner in which the device is used will be readily apparent from a consideration of the foregoing. As seen in Fig. 1 of the drawing, the container 1 is mounted on the wrist 13 with the discharge port 10 adjacent the hand 14. Thus, the container 1 may be conveniently held with the discharge port 10 lowermost. To dispense the lotion in the container 1 the needle valve 8 is turned through the medium of the knob 9 in a manner to back said needle valve out of the port 10. This, of course, permits the lotion or other fluid to flow by gravity from the container. The volume of this flow may be conveniently regulated as desired by adjusting the needle valve 8. To close and seal the container 1 it is, of course, only necessary to screw the needle valve 8 tightly into the port 10. The container 1 is also filled through the port 10 with the needle valve 8 in open or retracted position.

It is believed that the many advantages of a lotion dispenser constructed in accordance with the present invention will be readily understood and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

A dispenser comprising a substantially C-shaped container adapted to be mounted on a wrist, said container being for the reception of a fluid and including opposed side walls, one of said side walls comprising a comparatively thick portion having a discharge port therein, the discharge port having a counterbored, threaded inner portion providing a seat in said port, and a manually operable needle valve threadedly mounted in the other side wall and adapted to be screwed into the port for controlling the discharge of the fluid, said needle valve being engageable on the seat and including a reduced, unthreaded end portion engageable in the smooth portion of the port.

VIOLET ANDERSON.