

No. 859,711.

PATENTED JULY 9, 1907.

S. A. WINSOR.  
DEVICE FOR APPLYING MEDICAMENTS.  
APPLICATION FILED APR. 10, 1906.

Fig. 1.

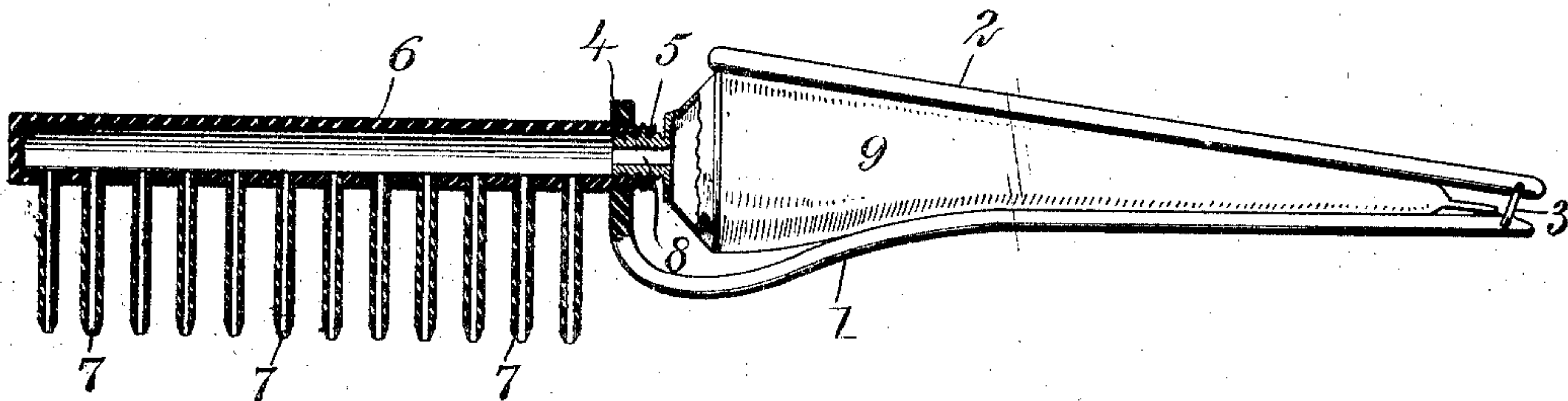


Fig. 2

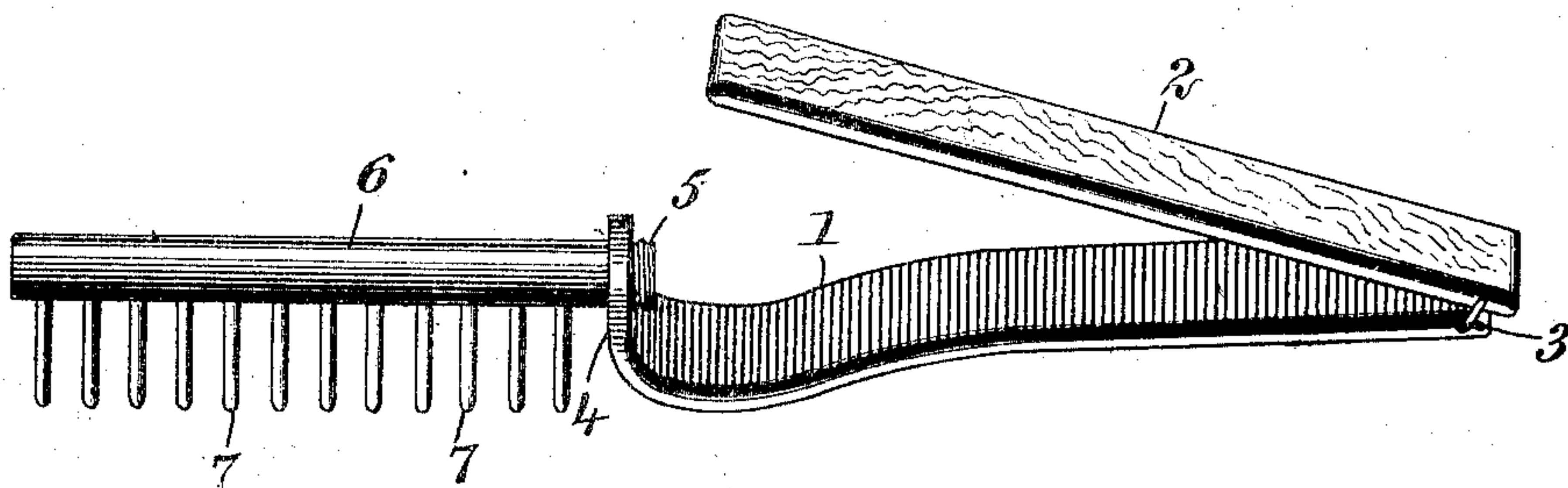
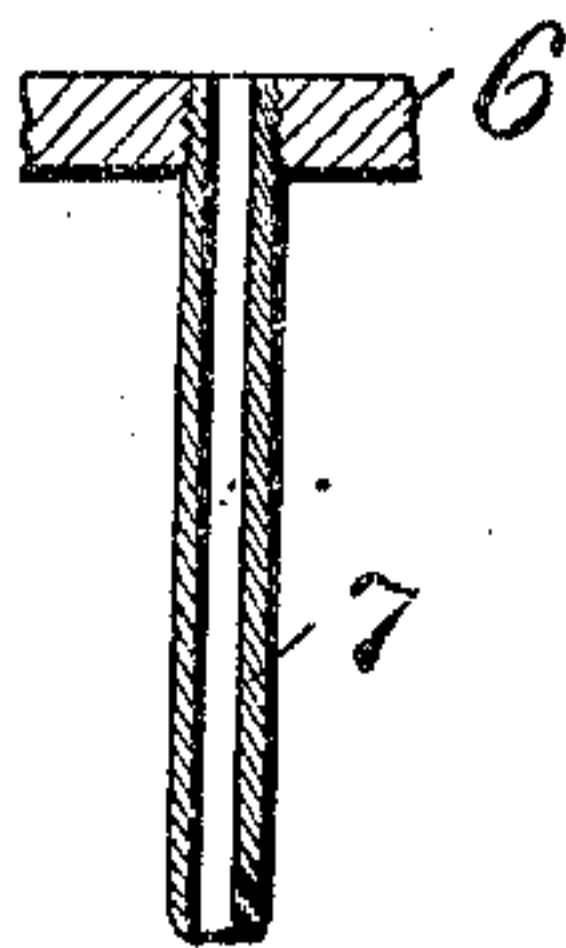


Fig. 3.



WITNESSES:

*Geo. W. Maylor.*  
*John K. Baehroyel.*

INVENTOR

*Sanford A. Winsor*

BY *Mum Co*

ATTORNEYS

# UNITED STATES PATENT OFFICE.

SANFORD ARCHIBALD WINSOR, OF CHICAGO, ILLINOIS

## DEVICE FOR APPLYING MEDICAMENTS.

No. 859,711.

Specification of Letters Patent.

Patented July 9, 1907.

Application filed April 10, 1906. Serial No. 310,914.

To all whom it may concern:

Be it known that I, SANFORD ARCHIBALD WINSOR, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented a new and Improved Device for Applying Medicaments, of which the following is a full, clear, and exact description.

This invention relates to instruments for the application of medicated salves or ointments to the skin of the body or to the scalp, and is especially useful as a comb wherewith an ointment for the cure of dandruff may be applied to the head.

The object of the invention is to provide a simple, efficient and inexpensive device to be used for applying salves or ointments, and with which the medicament may be thoroughly and evenly distributed upon and rubbed into the cuticle, while at the same time the affected surface is beneficially acted upon by the friction of the operation, of advantage, for instance, in the cure of dandruff or kindred diseases.

The invention consists in the construction and combination of parts which will be set forth hereinafter and particularly pointed out in the claims.

Reference is to be had to the accompanying drawings which indicate, as an example, the preferred embodiment of my invention, in which drawings similar characters of reference indicate like parts in the several views, and in which

Figure 1 is a partial longitudinal section, Fig. 2 is a perspective view of the device with a part removed and Fig. 3 is an enlarged cross section of a part of the comb showing the threaded connection between the hollow teeth and the tube.

Referring more particularly to the drawings, I provide a handle, consisting of a flat lower bar 1, preferably of vulcanized rubber, and a movable upper bar 2, which may be of the same material as the lower bar or may be of wood. The two bars are joined at one end of the handle by a shackle 3 which permits their free relative movement. The other end of the lower bar is turned upwards at right angles presenting an extension 4. This extension 4 is provided with a threaded opening to receive the correspondingly threaded end 5 of a tube 6, which is closed at the other extremity, and is preferably of vulcanized rubber. This tube 6 is provided with a series of threaded openings on its lower side which receive hollow teeth 7, that communicate with the interior of the tube 6.

The end 5 of the tube 6 is interiorly threaded and thus adapted to receive a threaded nipple 8 of a bulb or tube 9, which contains the salve or ointment. The bulb 9 is preferably of the usual tube of soft metal for substances of this character, and from which the con-

tents may be dispensed by applying pressure, which forces the salve through the mouth-piece. The tube 9 is placed between the two bars 1 and 2, the lower bar 1 being provided with an outward curve near its upward extension in order to accommodate the head of the tube 9.

By gripping the handle and pressing the bars 1 and 2 together the salve is forced through the mouth-piece into the tube 6 and out through the hollow teeth 7, by means of which it can be applied to the epidermis. It will be understood that the shackle 3, being at the remote extremity of the handle, permits the two bars to taper in this direction, and thereby it is possible to apply the pressure to the tube 9 entirely in the direction of the tube 6.

By making the device adaptable to receive tubes of standard sizes the latter can without difficulty be unscrewed, removed and replaced by others when the contents has been used up.

It is understood that the salve tube need not be of the type shown, but may, for instance, be a rubber bulb adapted to be refilled from time to time as required. It will be seen that this device is of great simplicity, convenient in operation, and is easily kept in a clean and sanitary condition, for it may be separated into its various parts by the mere unscrewing of the latter.

Having thus described my preferred form of my invention, what I claim as new and desire to secure by Letters Patent is:

1. A device for applying medicaments comprising a tube having hollow teeth and a threaded end, a handle having a bar provided with a laterally disposed end having a threaded opening adapted to be mounted upon said threaded end of said tube, a member hinged to said bar at the end remote from said tube, and a bulb between said bar and said member and in communication with said tube, said bar having an outward curve adapted to receive the shoulder of said bulb, said bulb being adapted to be pressed between said bar and member.

2. A device for applying medicaments comprising a tube having hollow teeth and an end internally and externally threaded, a handle having a bar provided with a laterally disposed end having a threaded opening adapted to be mounted upon said threaded end of said tube, a member hinged to said bar, and a bulb between said bar and said member, said bulb having a threaded end adapted to be secured within the threaded end of said tube, said bar having an outwardly curved portion adjacent to said laterally disposed end adapted to receive the head of said bulb, said bulb being adapted to be pressed between said bar and said member.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

SANFORD ARCHIBALD WINSOR.

Witnesses:

B. M. CARROLL,

R. P. CARROLL.