

No. 819,901.

PATENTED MAY 8, 1906.

C. S. MASCHAL.
MEDICATED PENCIL.
APPLICATION FILED MAR. 2, 1905.

FIG. 1.

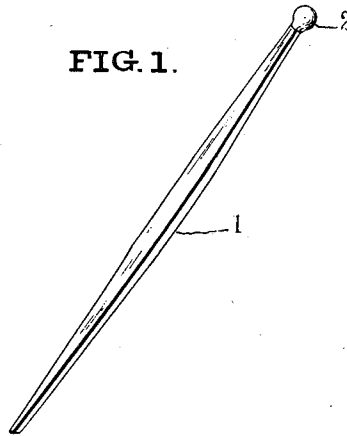


FIG. 2.



Witnesses
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MEDICATED PENCIL.

No. 819,901.

Specification of Letters Patent.

Patented May 8, 1906.

Application filed March 2, 1905. Serial No. 248,093.

To all whom it may concern:

Be it known that I, CHARLES S. MASCHAL, a citizen of the United States, residing at Kingston, in the county of Ulster and State of New York, have invented certain new and useful Improvements in Medicated Pencils, of which the following is a specification.

My invention relates generally to surgical applicators and specifically to a medicated pencil.

The continuous use upon various persons of medicated pencils often results in infecting one person with disease germs of another. This is believed to be especially true as regards the styptics used by barbers, where the pencil is used indiscriminately upon customers without respect to their physical condition as regards contagious diseases or the possibility of inoculating one person upon whom the styptic is later used with the germ of some diseases with which some former customer is afflicted.

The object of my invention is to provide a medicated pencil such that it may be used once and only once, and is thereby rendered incapable of future use.

A further object of my invention is to provide a styptic pencil possessing advantages hitherto unattained, such pencil comprising a wooden stick with a pellet of styptic material at one end, which when wetted disintegrates or dissolves before drying, thus preventing its further use.

By the use of porous material as a support for the medicated pellet I provide positively against the repeated use of the medicated pencil, for if the material forming the pellet is not wholly dissolved by wetting or so disintegrated as to fall from its support, as occurs, the porous material will carry the moisture to the interior of the pellet, and thereby loosen it so as to prevent its reuse.

In the drawings forming a part of this application I have shown one form of styptic pencil resulting from the practice of my process hereinafter described, and in which—

Figure 1 is a view of my improved styptic pencil in perspective, and Fig. 2 is a view in side elevation of my styptic pencil with the medicated pellet in section.

In the preferred manner of carrying out my process, I take a stick of any approved

porous material, such as wood, and shown in the drawings at 1. The stick is first thoroughly sterilized in any desired manner. I prefer, however, to subject a large number of such sticks to a steaming process, continuing the application of the steam to the sticks for a sufficient length of time to completely sterilize them. One hour of such steaming serves to effect this thorough sterilization. After the sticks have been sterilized, as above described, they are subjected to a dry heat, preferably in a kiln, for a sufficient length of time to remove all moisture absorbed during the steaming process. With sticks of the size most commonly used the drying may be accomplished in twelve hours; but the length of time required varies with the size of the stick, the temperature, and other circumstances, as is understood. If subjected to sufficiently high dry heat, the steaming process may be omitted, as all germs will be destroyed by the dry heat. After being dried the sticks are dipped into a styptic material, as silver nitrate, alum, chlorid of iron, or other desired medicament maintained in a fluid or semifluid condition, so that a pellet, as indicated at 2, will be formed upon one end of the stick. The sticks may be secured for dipping in any approved form of dipping-frame, similar to the dipping-frame used for dipping matches. After dipping the medicament is hardened by drying, this being preferably accomplished by submitting the stick and its adhering pellet to a gentle heat.

While it is the principal purpose, as herein described, to pursue my process in the manufacture of a styptic pencil, it is to be understood that other medicaments similarly affected by the application of moisture thereto—as, for example, iron sulfate, zinc sulfate, or copper sulfate—may be substituted for the styptic composition and that the size, form, and proportion of the stick and pellet may be varied from the form shown without departing from the spirit of my invention or sacrificing any of the advantages thereof.

While for the reasons above stated I employ in the preferred embodiment of my invention a wooden stick, it is to be understood that my invention is not specifically limited thereto, as I may with some degree of success employ cardboard, straw, rolled

paper, metal, celluloid, or other inexpensive material.

Having thus described my invention, what I claim as novel, and desire to secure by Letters Patent, is—

5 A medicated styptic pencil comprising a stick of porous material carrying thereon a ball or pellet of slowly-soluble styptic material so attached thereto as to be removed by

wetting, whereby the device is incapable of repeated use.

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

CHARLES S. MASCHAL.

Witnesses:

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