

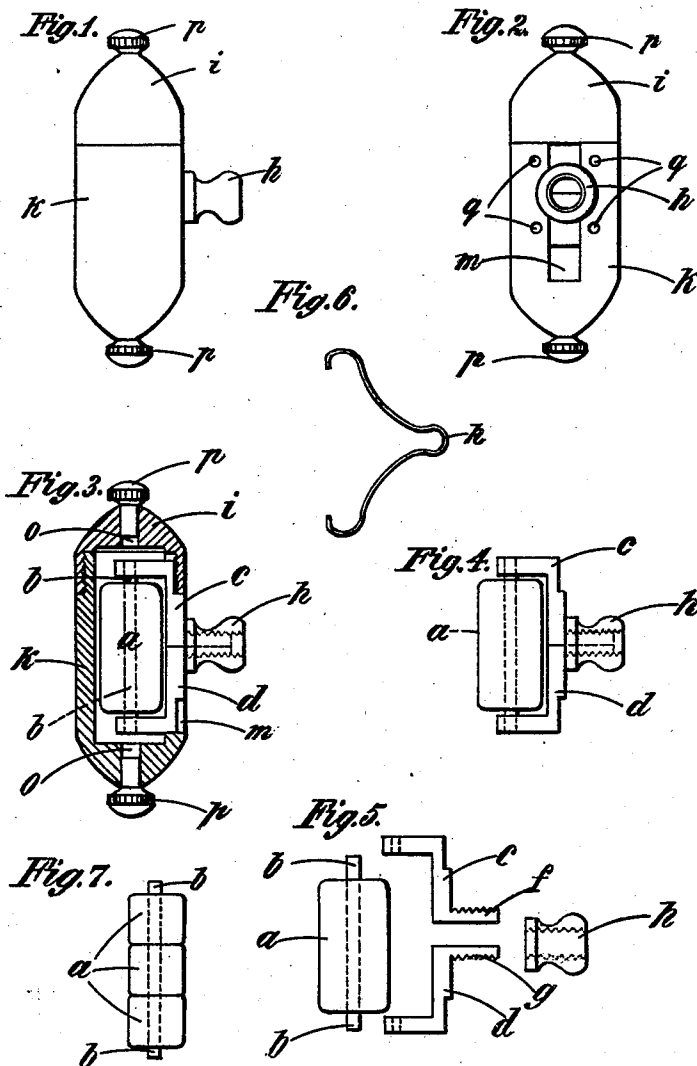
No. 723,552.

PATENTED MAR. 24, 1903.

H. SACHS.
HOLDER FOR MEDICATED SUBSTANCES.

APPLICATION FILED DEC. 29, 1902.

NO MODEL.



Witnesses:
S. S. Ray
w. w. Dean.

Inventor:
Heinrich Sachs.
By *S. J. Holhauser*
Attorney.

UNITED STATES PATENT OFFICE.

HEINRICH SACHS, OF FRIEDENAU, NEAR BERLIN, GERMANY.

HOLDER FOR MEDICATED SUBSTANCES.

SPECIFICATION forming part of Letters Patent No. 723,552, dated March 24, 1903.

Application filed December 29, 1902. Serial No. 136,976. (No model.)

To all whom it may concern:

Be it known that I, HEINRICH SACHS, a subject of the King of Prussia, German Emperor, and a resident of Friedenau, near Berlin, in the Kingdom of Prussia, German Empire, have invented certain new and useful Improvements in Holders for Medicated Substances, of which the following is a full, clear, and exact description.

Menthol headache-sticks and other like medicated sticks obtainable in chemists' shops and drug-stores usually have one end simply inserted in a holder over which when not in use a case is fitted or screwed as a lid or cover. This method of holding such sticks is imperfect, as the rubbing or application is always effected more or less with the same part of the stick and a considerable pressure is required for rubbing, which is not agreeable and may be deleterious. The pressure also is very liable to break the stick, as menthol in particular is somewhat brittle. Further, if a menthol stick thus held should fall to the ground it usually breaks off. These drawbacks are also evident in all other medicinal and like sticks—such, for instance, as alum sticks fixed or held in the manner hereinbefore described.

Now this invention has for its object an improved holder for menthol and like medicated and other sticks in which the above-mentioned drawbacks are avoided. In this holder the menthol or the like is formed as a revoluble cylinder held at both ends by a bent or stirrup-shaped piece. By means of the stirrup the roller may be rolled to and fro on the part to be rubbed, thus effecting the application of the menthol or the like more easily, effectively, and agreeably, because the whole superficial area of the elongated menthol or like roller, and not always as hitherto approximately the same small part of the material, comes into action and any breakage of the menthol is entirely avoided. Even if the menthol roller thus held be allowed to fall to the ground it is exposed to very little risk of breakage in consequence of its cylindrical shape, its revoluble mounting, and its support, whereby it is held and protected at both ends, because the mass of the roller is considerably strengthened by the spindle which runs through it. The bent

piece or stirrup is made in two parts or of spring material capable of being bent apart in order to allow of the menthol or the like cylinder being changed. The stirrup-piece, together with the cylinder or roller, when not in use is inserted in a case provided with a cover. This improved appliance is shown in the accompanying drawings.

Figures 1 and 2 are outside views at right angles to one another; Fig. 3, a longitudinal section; Fig. 4, a menthol or the like roller or cylinder and its bent piece or stirrup separate from the case, and Fig. 5 a detail view of the roller and the separate parts of the bent piece or holder divided or separated. Fig. 6 is a view of another form of construction of the stirrup or holder, and Fig. 7 shows another form of construction of the roller.

a, Figs. 3, 4, and 5, is a roller composed of menthol or other medicated substance.

b is the spindle running through the roller, and *c d* the two shouldered parts of a bent piece or stirrup for holding the latter, said piece or stirrup constituting a carrier-frame. This bent piece, as shown in Fig. 5, consists of two parts, each of which is provided with a half screw-pin *f g*, and a handle or knob *h* is screwed on the threaded half-pins *f* and *g* when placed together. As shown in Fig. 6, the bent piece may also be made of a piece of spring material—such as wire, hoop-iron, celluloid, or the like—adapted to be bent apart for receiving or releasing the menthol or like roller.

In use the device, Fig. 4, is held by the holder *h*, and the roller or cylinder *a* is rolled up and down on the part to be treated. The two halves *c d* of the bent arm, Figs. 3, 4, and 5, may be removed from the roller by screwing off the knob *h*, and thus the roller may be changed or replaced. The formation of the bent arm in two parts in order to allow of the roller being changed may, however, be effected in any suitable known manner other than the one hereinbefore described.

For inclosing the menthol or like roller when not in use I employ a case *k*, provided with a lid or cover *i*, Figs. 1, 2, and 3, and having a slot *m*, Fig. 2, in which when the device, Fig. 4, is inserted the bent arm *c d* fits. Apertures *o*, adapted to be closed in the ordinary manner by means of plugs *p*, Fig. 3,

may be provided in the casing *k i* to allow of inhalation through the nose and mouth, while the apertures *q*, Fig. 2, allow of sufficient access of air necessary for inhalation. The
5 roller *a* may also be composed of several cylindrical, spherical, or like shaped parts mounted on the spindle *b*, Fig. 7.

Having now described my invention, what I claim as new, and desire to secure by Letters
10 Patent, is—

1. A device of the class described, comprising an apertured case, a medicated roller, and a carrier-frame supporting said roller and removably engaged with the case, said carrier-
15 frame having a handle exposed without the case.

2. A device of the class described comprising a case having a slotted portion, a medi-

cated body, and a carrier-frame supporting said body and having a shouldered portion 20 engaging the slotted portion of the case.

3. A device of the class described comprising a case having terminal inhalation-apertures, lateral air-supply apertures, and a longitudinally-disposed slot in one side, a medi- 25 cated body, and a carrier-frame supporting said body and removably arranged therewith within the case, said carrier-frame also fitting in said slot and having a handle exposed without the case. 30

In witness whereof I have hereunto set my hand in presence of two witnesses.

HEINRICH SACHS.

Witnesses:

WOLDEMAR HAUPT,
HENRY HASPER.