

[54] **HAIR-COMB CLEANING DEVICE**
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[52] U.S. Cl. **15/104.92, 15/104.5, 15/114,**
21/91, 401/10
[51] Int. Cl. **A45d 24/44, A61l 7/00**
[58] Field of Search ... 15/104.92, 39, 104.5, 210 A,
15/214, 218, 218.1; 21/83, 88, 91; 401/10

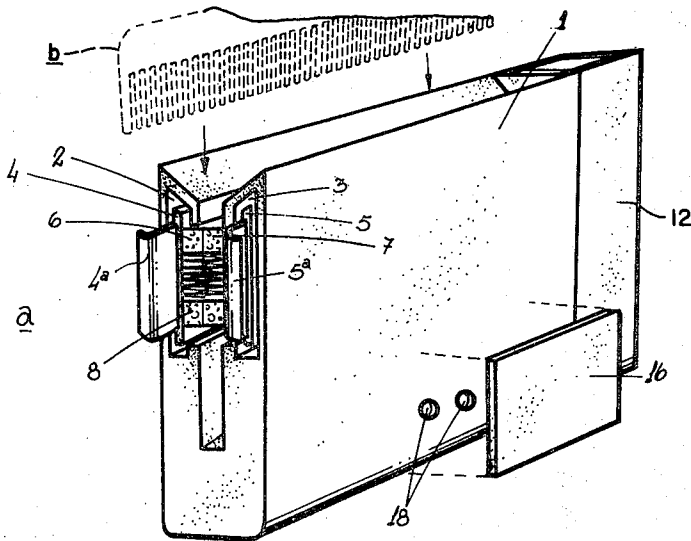
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Primary Examiner—Daniel Blum
Attorney, Agent, or Firm—Michael S. Striker

[57] **ABSTRACT**
A hair-comb cleaning device has a U-shaped body which can be fixed to and removed from a wall surface and which has internal longitudinal channels for removable members which carry upper and lower spongy strips and centrally located bristle tufts, the strips of one member being juxtaposed to those of the other member, and the bristle tufts of both being interlaced. The lower spongy strips communicate with a refillable receptacle containing an antiseptic liquid and joined to one end of the U-shaped body.

4 Claims, 3 Drawing Figures



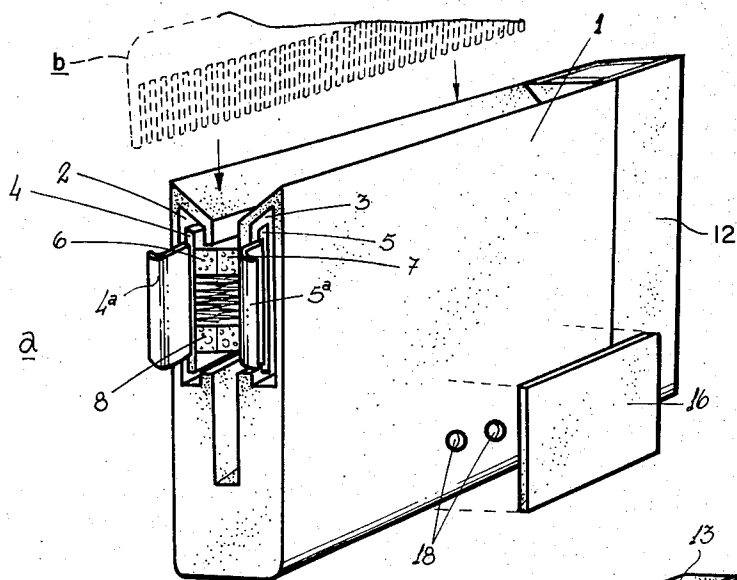


FIG. 2

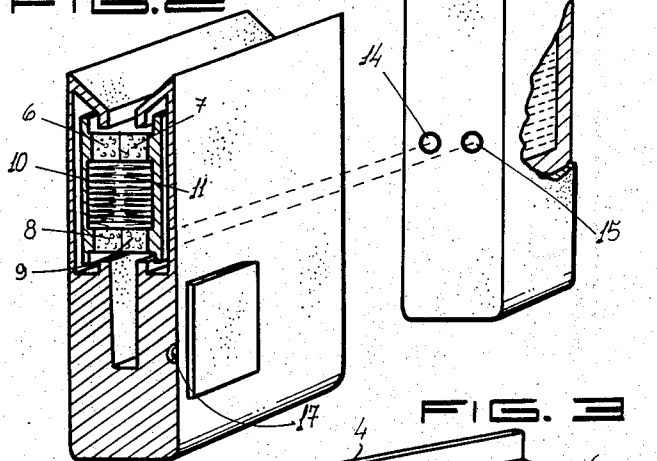
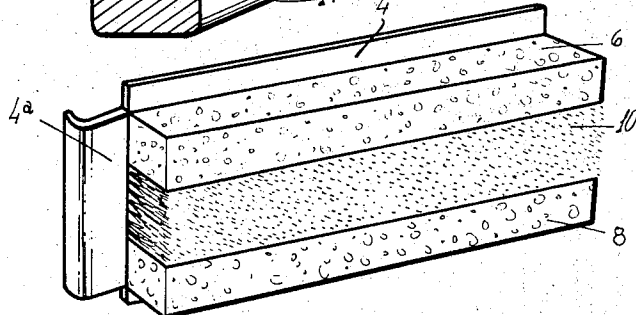


FIG. 3



HAIR-COMB CLEANING DEVICE

The present invention refers to a new, original and practical hair-comb cleaning device which, by virtue of its particular construction may perform its function in a practical and efficient way. The cleaning device has been designed with a view to eliminate the unpleasant task of cleaning combs with means which are not suitable for such work. An object of this invention is to provide a device which can simultaneously clean and sterilize combs.

Another object of the invention is to provide a comb cleaning device which can be attached to walls, thereby easing handling by the operator.

The parts forming the cleaning device include opposed members which protrude outwards in order to facilitate removal in case they should need cleaning and which include portions serving for comb cleaning, asepsis and drying. All that is needed is to insert a comb into a slot and slide it between the two members downwards and then to remove the comb through the same slot. The portions of the members acting as comb sterilizers are impregnated with a liquid contained in a receptacle which can be refilled and communicates with sterilizing portions.

The cleaning device comprises a U-shaped body which is used for fixing the device to a wall surface and is provided with longitudinal internal chambers for the removable members which have upper and lower spongy strips, and centrally located bristle tufts, the strips of the first member being juxtaposed to those of the other member and the bristle tufts of both interlaced. The lower spongy strips communicate with a refillable receptacle containing an antiseptic liquid and being attached to one end of the body of the cleaning device.

The cleaning device can be made in the sizes, of materials and in shapes which will be deemed most suitable for the above purposes. In order that the cleaning device may be clearly understood, an embodiment thereof will be described in detail with reference to the attached drawing wherein:

FIG. 1 shows the cleaning device in a perspective view ready for accepting a comb;

FIG. 2 shows the cleaning device in section with the receptacle for antiseptic liquid separated from the U-shaped body; and

FIG. 3 is a perspective of one of the members which carry means for cleaning, asepsis and drying of combs.

In all figures, similar reference numbers show similar or corresponding parts.

The improved cleaning device comprises a body 1 which, being U-shaped and adapted to be secured to a wall, has in each of the inner faces of its wings, longitudinal and opposed channels 2 and 3, which may slidably receive supports 4 and 5 which respectively carry upper spongy strips 6 and 7, lower spongy strips 8 and 9 and the centrally located bristles 10 and 11. The channels 2, 3, the supports 4 and 5, their strips and bristles are located opposite each other but, while strips are juxtaposed, the bristles are intermingled.

The lower spongy strips 8 and 9 are for asepsis, the upper ones 6 and 7 for drying and bristles 10 and 11 for

cleaning. The spongy strips 8 and 9 for asepsis are impregnated with a sterilizing liquid which comes from a refillable receptacle 12 having a removable cover 13, constituting an integral part of body 1 and providing holes 14 and 15 for connecting with each strip, the holes having been conveniently made slightly above the bottom of the receptacle.

The receptacle 12 is joined to body 1 by an adhesive fixing the former against one of the ends of the latter, since the opposite end of said body, being free, enables removal of supports 4 and 5 which, for that purpose the respective integral handles 4^a and 5^a are provided. These, of course, in case it is desired to clean spongy strips and bristles after having used them some time.

As regards fixing of the cleaning element object of this invention on a wall surface, said device has a plate 16 which, having been designed for that purpose, and to ease of fixing by any suitable means, is independent from the receptacle though connected to it through integral pins as the one identified by the reference character 17, which can be inserted in the respective holes 18 on the body of the device. In order to clean a comb as comb *b* of FIG. 1, it is easily deduced that it ought to be put into the device and slid between the cleaning and asepsis means forming it, then removed through the slot it was put into, thus causing upper spongy strips 6 and 7 to dry the remaining asepsis liquid applied by strips 8 and 9, which has been partially drained off by cleaning bristles 10 and 11.

It is understood that the present invention does not limit itself in any way to the above example but that in said example various modifications may be introduced in shape and/or detail, which must be comprised within the scope of this invention, and are specifically pointed out in the claims.

I claim:

1. A hair comb cleaning device, comprising a U-shaped body which can be fixed on and removed from a wall surface and has wings provided with internal longitudinal insertion channels, opposed members each of which bears an upper and a lower spongy strip and bristle tufts located between said strips, said members being detachably positioned in said channels and the upper and lower strips belonging to one of said members being juxtaposed to the upper and lower strips of the other of said members, the bristle tufts of said members being intermingled, and a refillable receptacle communicating with the juxtaposed lower spongy strips and containing an antiseptic liquid and being joined to one of the ends of said body.

2. A hair comb cleaning device according to claim 1, further comprising a plate for fixing upon a wall surface, said plate being connected to said body by cooperating pins and holes.

3. A hair comb cleaning device according to claim 1, wherein said members include handles which are located outside the free end of said body.

4. A hair comb cleaning device according to claim 1, wherein said receptacle is provided with a closing cover and communicates with the respective lower spongy strips through holes provided in a wall of said receptacle.

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UNITED STATES PATENT OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 3,813,722

DATED : June 4, 1974

INVENTOR(S) : Leon Sapochnik

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

On the cover sheet [75], the name of the Inventor should read -- Leon Sapochnik --.

Signed and sealed this 15th day of July 1975.

(SEAL)

Attest:

RUTH C. MASON
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