

W. S. DUNAWAY.
COMBINATION BRUSH.
APPLICATION FILED FEB. 24, 1919

1,339,745.

Patented May 11, 1920.

FIG. 1.

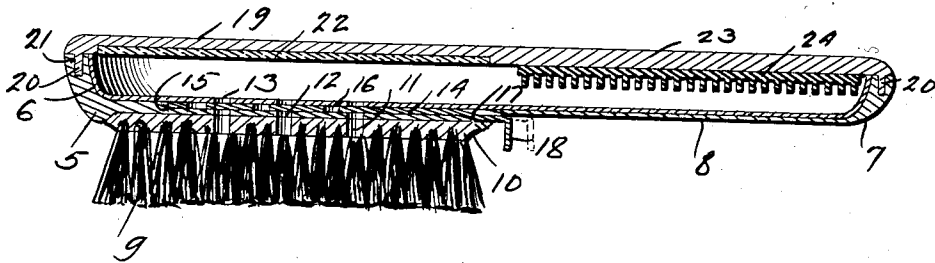


FIG. 2.

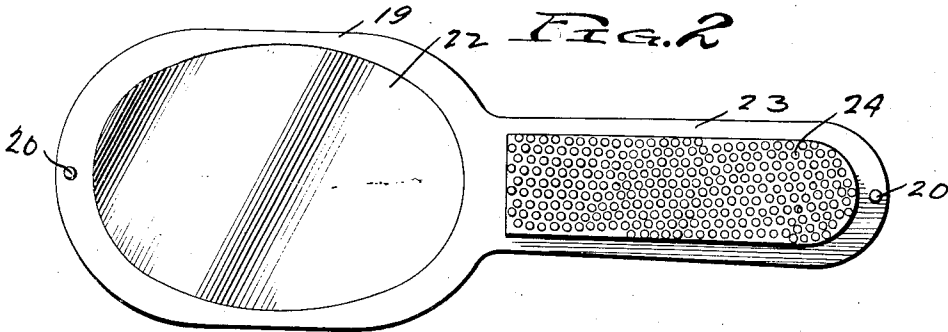
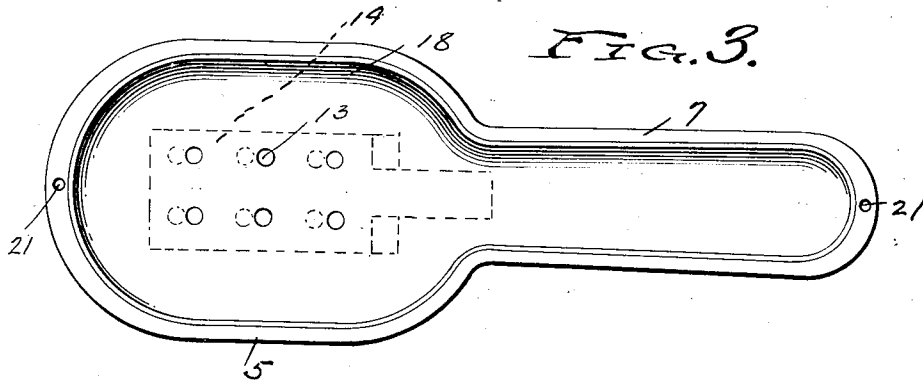


FIG. 3.



WITNESSES

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COMBINATION-BRUSH.

1,339,745.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM S. DUNAWAY, a citizen of the United States, residing at Carmel, in the county of Monterey and State of California, have invented certain new and useful Improvements in Combination-Brushes, of which the following is a specification.

This invention relates in general to toilet articles and has special reference to a combination brush.

One object of this invention is the production of a brush wherein a reservoir is provided in which a desired shampoo liquid or the like may be carried and may be dispensed onto the bristles by the movement of a valve plate.

Another object of this invention is the production of a brush wherein the body is provided with a reservoir, the reservoir being provided with a removable cover for permitting access to the interior thereof when desired.

Another object of this invention is the production of a brush wherein the removable cover of the reservoir is provided with a mirror which may be held in place when the hair is being brushed, this back also being provided with a massage strip which will extend into the reservoir when the cover is in place, thus allowing the brush to present a substantially even contour upon the outer surface thereof when the entire device is assembled.

One practical form of construction and assembly of the present invention will be hereinafter described and is illustrated in the drawing, in which:—

Figure 1 is a longitudinal section through the brush.

Fig. 2 is a plan view of the inner surface of the cover of the reservoir, and

Fig. 3 is a plan view of the interior of the reservoir.

In the preferred embodiment of the present invention about to be described, 5 indicates the body or head of the brush, which is dished out to form the reservoir 6. The handle portion 7 leads from the body 5 and the dished portion 6 extends thereinto as illustrated clearly in Figs. 1 and 3 thus making the reservoir of a comparatively large capacity. This reservoir is provided with a suitable lining 8 which fits into the dished out portion of the body and also of the

handle 7 whereby liquid placed within the reservoir will not soak into the brush or body.

The bristles 9 are carried by a back 10, fixed upon the under surface of the body 5 and in any desired manner. The back 10 is also provided with openings extending therethrough as shown at 11, which register with like openings 12 formed in the body 5 and the lining 8 is also provided with openings 13 in alinement with the openings 12 of the body 5 and 11 of the back 10. A valve plate 14 fits within a shallow pocket 15 formed in the body 5 under the lining 8 as shown in Figs. 1 and 3. This valve plate 14 is provided with openings 16 which are moved into registry with the openings 11, 12, and 13 when it is desired to dispense liquid from the reservoir onto the bristles 9. As shown in Fig. 1 the openings in the valve plate are out of registry with the first mentioned openings and for this reason the contents of the reservoir will be retained therein and be prevented from passing onto the bristles. In order to shift the plate there is provided an offset extension 17 at one end of the valve plate terminating in a lip 18 which may be grasped and moved in either of two directions for shifting the valve plate.

The cover 19 is of the same configuration as the body 5 thus providing an even outer surface when the cover is in position upon the body. The cover 19 is provided with a plurality of pegs 20 around the edge of its inner face which enter sockets 21 of the body 5 and handle, thus releasably fixing the cover upon the brush body and handle.

This cover 19 is provided with a counter-sunk mirror 22 in its inner surface, whereby the person using the device may first remove the cover and then hold the glass in position to see exactly how to use the brush in its ordinary function. The handle portion 23 of the cover 19 has a massage strip 24 fixed on its inner face. This strip may be of the usual construction of a suitable body having yieldable tips thereon as shown in Figs. 1 and 2.

When the cover is in position on the body and handle thereof, the lining 8 will bear upon the inner surface of the cover and thus form a liquid tight joint for the comparatively thick liquid of a shampoo quality. The operator may grip the lip 18 and

shift the valve plate to bring its openings into register with the openings of the brush back, the brush body and the lining and thus the contents of the reservoir will pass through the openings onto the bristles. When sufficient liquid has passed onto the bristles the lip 18 is moved inward and thus the openings of the plate will be moved out of register with the remaining openings and further passing of liquid from the reservoir is cut off. The brush may then be applied and operated in the usual manner.

If so desired, the reservoir may not be filled with liquid and obviously therefore when necessary or desirable the cover may be removed by simply gripping the edges thereof and pulling the same outwardly away from the brush body and the handle 7. The mirror therefore may have a clean surface and may be used for reflecting purposes of the usual nature for allowing of easy operation of the brush as desired. It will also be obvious that the cover 19 may be gripped and the massage strip 24 applied in any desired manner.

It will thus be seen that a very simple combination brush has been provided which when assembled will present an even aspect and the brush will be used in the usual way. When the reservoir is filled with a suitable shampoo liquid, however, the valve 8 may be moved to allow this liquid to be dispensed upon the bristles of the brush in a desired quantity. On the other hand, if it is not desired to use such liquid, a mirror may be employed for reflecting purposes or the strip for massaging purposes. After

such operation has been completed, the cover may then be applied to the brush body and the handle thereof by the passing of the pegs into the sockets, thus holding the device in an assembled position.

The foregoing description and accompanying drawings have reference to what might be considered to be the approved or preferred form of my invention. I desire it to be understood however, that I may make such changes in the construction, combination and arrangement of parts, material dimensions, et cetera, as may prove expedient and fall within the scope of the appended claim.

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

A brush of the class described comprising a head having a handle extending longitudinally from one end thereof in alinement therewith, said head and handle being dishd on their upper face to form a continuous reservoir of uniform depth throughout, bristles carried by the lower face of said head, valve controlled apertures leading from said reservoir to said bristles, and a removable cover for said reservoir, said cover and the walls of said reservoir having interlocking elements to hold the cover in operative position.

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

WILLIAM S. DUNAWAY.

Witnesses:

CHARLES BRANN,
AGNES BRANN.