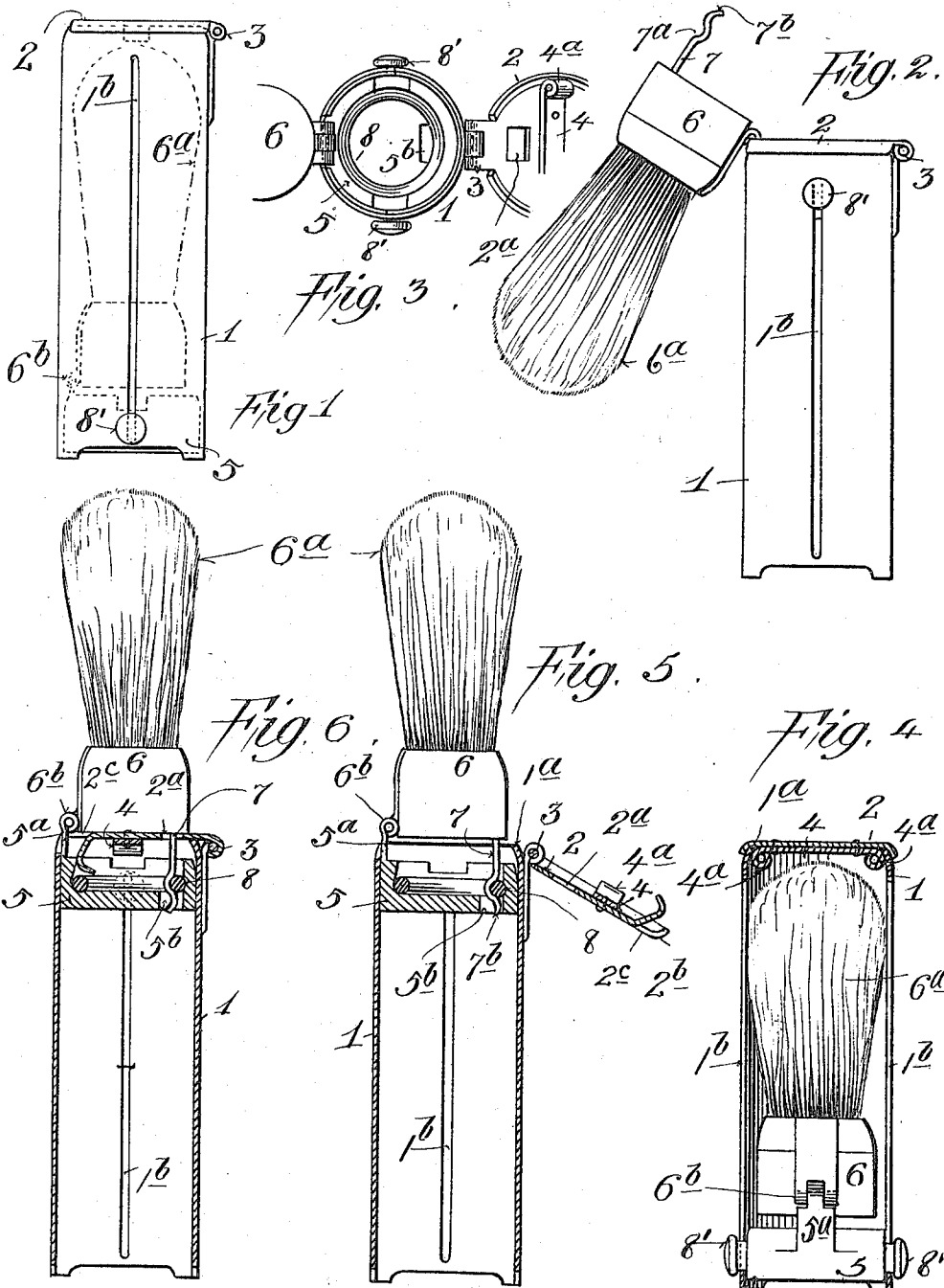


H. J. GAISMAN.
SHAVING BRUSH.

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1,216,433.

Patented Feb. 20, 1917.



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UNITED STATES PATENT OFFICE.

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SHAVING-BRUSH.

1,216,433.

Specification of Letters Patent.

Patented Feb. 20, 1917.

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To all whom it may concern:

Be it known that I, HENRY J. GAISMAN, a citizen of the United States, and resident of New York city, borough of Manhattan, in the county of New York and State of New York, have invented certain new and useful Improvements in Shaving-Brushes, of which the following is a specification.

My invention relates to improvements in brushes particularly adapted for use in shaving, and has for its object to provide a handle or holder adapted to contain the brush when not in use, with means to permit the brush to be held upon the handle or holder in position for use, and also to be hung down on one side of the handle or holder with the bristles depending to permit water to drain downwardly therefrom and enable free access of air to the bristles for drying.

My invention comprises novel details of improvement and combinations of parts that will be more fully hereinafter set forth and then pointed out in the claims.

Reference is to be had to the accompanying drawings forming part hereof, wherein,

Figure 1 is a side view of my improved brush, showing the parts in the closed position;

Fig. 2 is a side view, showing the bristles depending at the side of the handle or holder for drying;

Fig. 3 is a plan view of the device showing the parts opened;

Fig. 4 is a vertical section of Fig. 1 at right angles thereto;

Fig. 5 is a vertical section showing the brush pushed out of the handle or holder, and

Fig. 6 is a similar view showing the parts in position for use.

Similar numerals of reference indicate corresponding parts in the several views.

The numeral 1 indicates a handle, shell or holder shown in tubular or cylindrical form, open at opposite ends, and provided at one end with a cover 2, shown hinged at one edge of the handle at 3, so as to close over the open end of the handle or to be swung to one side thereof, (Figs. 6 and 5). In the construction shown, cover 2 is provided at its inner side with a spring clip 4 having rounded bent ends 4^a adapted to fit under the inwardly bent or flanged end portion 1^a of handle 1 to hold the cover closed

upon the latter. Within handle 1 is a reciprocative head 5 pivotally carrying the brush butt or ferrule 6 to which the hairs, bristles, or the like 6^a are attached in any well-known manner. Butt or ferrule 6 is shown pivotally carried at 6^b upon a lug or ear 5^a projecting from head 5, whereby when head 5 is pushed outwardly to its limit within the handle 1 the hinge pivot 6^b will be beyond the end of the handle to permit the brush to swing and hang downwardly, as shown in Fig. 2. The brush butt 6 is provided with means to retain it in operating position upon head 5 and permit the brush to be swung away from said head. For this purpose I have shown the butt 6 provided with a spring finger 7 adapted to engage a complemental fastening abutment 8 carried by head 5, said finger being shown provided with a depressed portion 7^a and a curved end portion 7^b to spring on and off the abutment 8. Head 5 is also shown provided with an opening 5^b to receive the finger 7. By means of finger 7 and abutment 8 the brush may be retained upon head 5 in the operating position shown in Figs. 5 and 6. The cover 2 is shown provided with an opening 2^a for the passage of finger 7, in the position of the parts shown in Fig. 6. Cover 2 is shown provided with a cut-away part 2^c to receive the lug 5^a when the head 5 is in the position shown in Figs. 2 and 6. While the head 5 may be pushed outwardly by pushing a finger in the lower open end of handle 1, means may be provided for conveniently operating said head from the exterior of the handle. For this purpose handle 1 may be provided with one or more slots 1^b receiving a stud or studs 8' projecting from head 5 to the exterior of the holder in convenient position to be grasped by the fingers for moving head 5 and the brush longitudinally within the handle.

By means of my improvements the brush may be concealed within the handle or holder, and cover 2 closed upon the same, as in Fig. 4, when the device is not in use. When it is desired to use the brush the cover 2 is swung back and head 5 is pushed outwardly and the brush projected through the adjacent open end of the handle, as in Fig. 5, and while the brush may then be used in such position, it is preferable to swing the brush to one side, to close cover 2 upon the handle (Fig. 2), and then swing the brush butt back

upon cover 2 (Fig. 6), whereupon the finger 7 passes through the opening 2^a in the cover and engages the abutment 8, retaining the brush in position, the cover thus affording a base upon which the butt fits, and also closing the end of the holder. When the brush is being used, and after the same has been supplied with soap and water, in the usual manner, the brush may be swung to one side to hang downwardly (Fig. 2), whereby the latter and water in the brush will tend to gravitate toward the tips of the hairs or bristles to keep the same moist for the next application of the brush to the face, and tending also thereby to prevent the water from running to the butt of the brush or along the handle, which would tend to occur with the brush in the position shown in Figs. 5 and 6, as usual with shaving brushes when set on end with the bristles projecting upwardly. Furthermore, after the brush has been used and washed, it may be left to dry in a convenient manner by swinging the brush to one side of the holder, Fig. 2, and thus allowing the bristles or hairs to depend from butt 6 so that the water will tend to drop from the bristles, and the latter are thus exposed to the air for ready drying. When the brush is to be concealed the cover 2 is swung back (to the position shown in Fig. 5), the brush pushed inwardly into the handle, and cover 2 closed over the brush and handle (Fig. 4), thus protecting the brush and providing a compact device.

Changes may be made in the details of construction and arrangements set forth, within the scope of the appended claims, without departing from the spirit of the invention.

Having now described my invention what I claim is:—

1. A device of the character described comprising a handle, a head mounted to slide therein, a brush pivotally connected with said head, and means to maintain the brush in operating position.

2. A device of the character described comprising a handle, a head slidably mounted therein, a brush having its butt pivotally connected at one side to one side of said head to swing downwardly outside of said handle, and means to movably retain the brush upon said head.

3. A device of the character described comprising a handle, a head slidably mounted therein, a brush having its butt pivotally connected with said head, and a catch for releasably holding the said butt upon said head.

4. A device of the character described comprising a handle, a head slidable therein, a brush butt pivotally connected with said head, a spring finger connected with said butt, and an abutment on said head to coact with said finger.

5. A device of the character described comprising a handle, a head slidable therein, a brush having its butt pivotally connected at one side of said head, a spring finger connected with the butt at the side opposite the hinge, and an abutment on the head to coact with said finger to retain the brush in operating position upon the head.

6. A device of the character described comprising a handle, a cover hinged upon one side of the handle to close an end thereof, means to retain the cover closed upon the handle, a head slidable within the handle, and a brush pivotally carried by the head to swing to one side to permit the cover to close against the handle under the brush butt.

7. A device of the character described comprising a handle, a cover pivotally carried at one end of the handle to close over the latter, a head slidable within the handle, a brush having its butt pivotally connected with said head at the side opposite the pivot of the cover to permit the cover to be closed over the handle beneath the brush butt, said cover having a cut-away part to receive the hinge between the head and the butt.

8. A device of the character described comprising a hollow handle having a stop at one end, a cover hinged adjacent said end of the handle, means to releasably hold the cover to close upon the handle, a head slidable in said handle adapted to be checked by said stop, a brush having its butt pivotally connected with said head, and means to releasably retain said butt on said head.

9. A device of the character described comprising a hollow handle having a stop at one end, a cover hinged adjacent said end of the handle, means to releasably hold the cover to close upon the handle, a head slidable in said handle adapted to be checked by said stop, and a brush having its butt pivotally connected with said head, said butt having a spring finger to coact with an abutment on said head.

10. A device of the character described comprising a hollow handle having an intumed portion at one end, a head slidable within the handle adapted to engage said intumed portion, said head having a lug extending beyond the handle when the head is stopped by said intumed portion, a brush having its butt hinged to said lug, and means to movably retain said butt upon said head.

11. A device of the character described comprising a handle, and a brush having a butt pivotally connected with the handle adjacent to one side of the butt to permit the brush to hang down along the outer side of the handle with its hairs extending downwardly.

12. A device of the character described comprising a handle, and a brush having a butt pivotally connected with the handle ad-

5 jacent to one side of the butt to permit the
brush to hang down along the outer side of
the handle with its hairs extending down-
wardly, said butt being adapted to lie on the
end of the handle with the hairs substan-
tially parallel with the handle.

Signed at New York city, in the county

of New York, and State of New York, this
26th day of April, A. D. 1912.

HENRY J. GAISMAN.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."