

Nov. 23, 1926.

1,607,674

O. DE S. IVES

POMADE COMB

Filed July 17, 1925

2 Sheets-Sheet 1

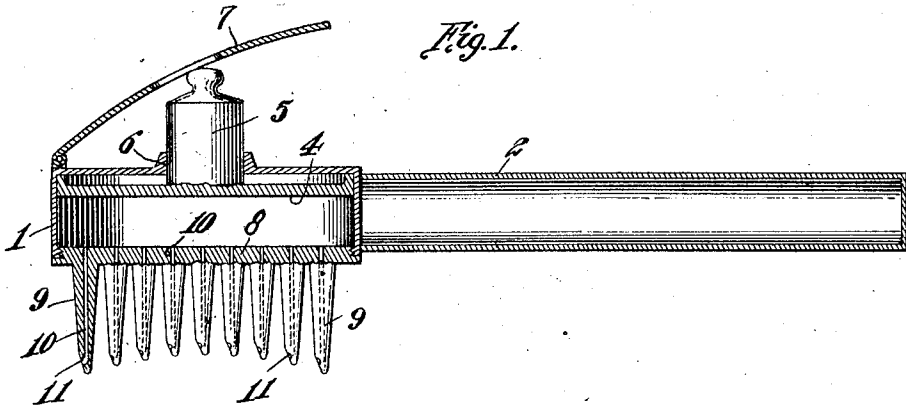


Fig. 1.

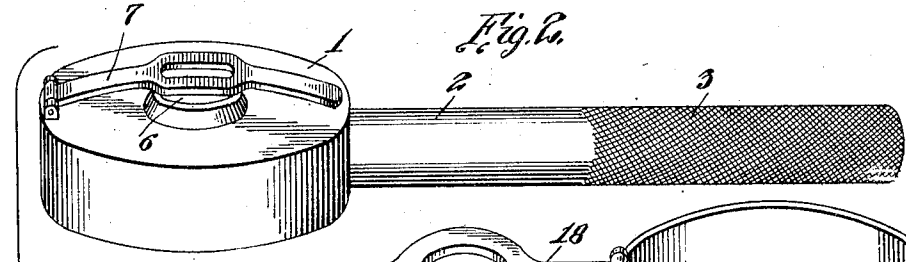


Fig. 2.

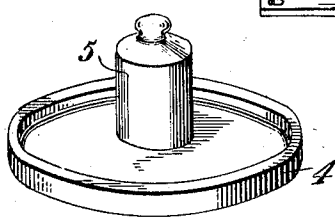


Fig. 3.

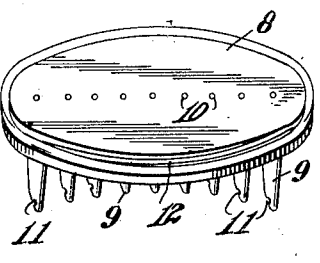


Fig. 4.

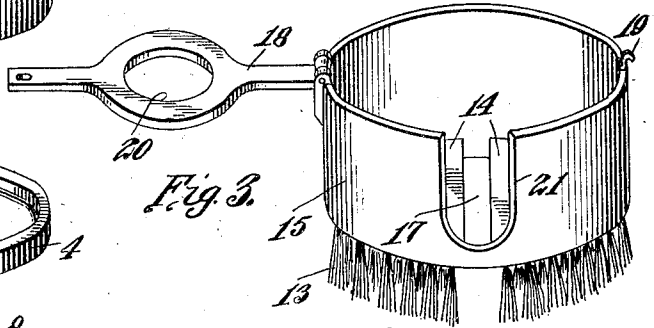
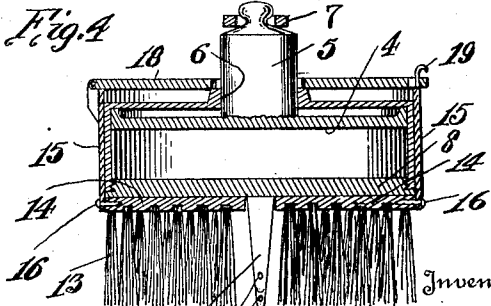


Fig. 5.



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Fig. 5.

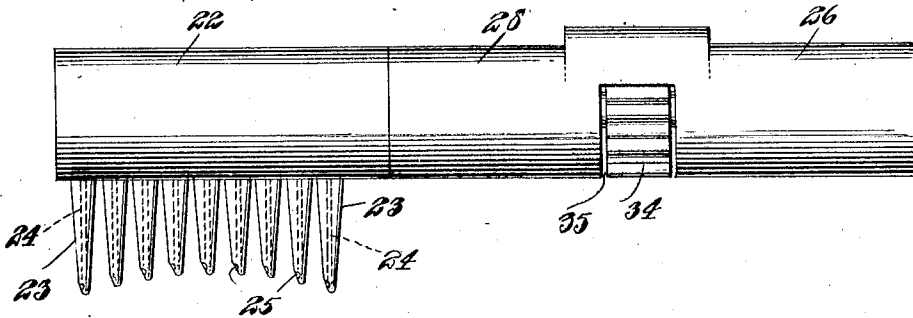


Fig. 6.

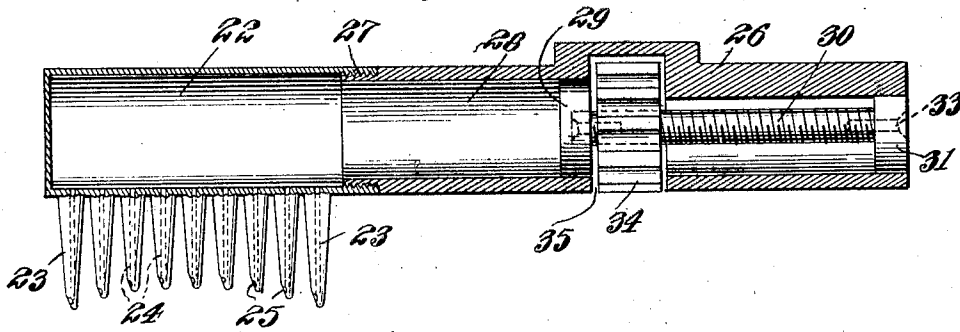
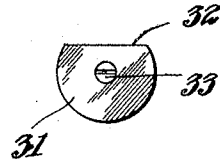


Fig. 7.



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UNITED STATES PATENT OFFICE.

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POMADE COMB.

Application filed July 17, 1925. Serial No. 44,255.

The invention relates generally to a pomade comb comprising a series of hollow teeth which communicate with a relatively large bowl or body portion to be filled with a heavy pomade; and a plunger plate or disk arranged within the body or bowl and adapted to force the contents thereof through the hollow teeth directly upon the scalp or hair.

One of the objects of my invention is to provide a comb of this nature for the particular needs of the negro race whose hair, being of a kinky nature, is difficult to comb without first applying a heavy grease or scalp invigorator (ointment or dressing). Prior to the present invention this has been accomplished by separating small portions of the hair and applying the scalp invigorator or dressing with the fingers, which process is not only laborious, tedious and time-consuming, but also the individual cannot in this manner well apply to his or her own head.

Another object of the invention is to combine a brush which may be readily applied to the comb and be used in combination therewith.

A further object of the invention is to provide a comb of this character which will permit greasing, combing, and dressing of one's own hair in a very few minutes and in a sanitary, clean and thorough manner.

Other objects and advantages of the invention will be apparent from the following detailed description when considered in connection with the accompanying drawings, in which:

Figure 1 is a vertical sectional view of the preferred form of the invention.

Figure 2 is a perspective view of the comb with the parts thereof separated.

Figure 3 is a perspective view of the brush attachment.

Figure 4 is a vertical sectional view of the comb with the brush applied thereto.

Figure 5 is a side elevational view of a modified form of the comb.

Figure 6 is a vertical sectional view of this modified form of comb; and

Figure 7 is a detail view of the flattened disk which prevents the rotation of the threaded plunger rod.

Referring to the drawings more in detail, and particularly to Figures 1 to 4 inclusive, numeral 1 indicates the body or bowl which

is adapted to receive the pomade or other heavy grease; and this bowl or body 1 is carried by a handle 2 which is preferably knurled, as indicated by numeral 3, to prevent the device from turning in the hand.

A piston or plunger head 4 is slidably mounted in the bowl, and, of course, has a tight fit with the walls thereof. The upper side of the piston or plunger head is provided with a plunger rod 5, which extends upwardly through an aperture 6 in the top of the bowl; the plunger rod being of such length that it will project slightly above the top of the bowl when the plunger head is at its lowermost position. A lever 7 is pivotally attached to the upper side of the bowl and, as clearly illustrated in Figures 1 and 2, the lever is so arranged that it may be conveniently engaged and operated by the thumb while the handle is held in the hand.

Numeral 8 refers to a disk or plate which is provided with a series of comb teeth 9; which teeth preferably extend in line with the handle, and which are provided with passages 10 communicating with the interior of the bowl or body. The outlets 11 of the passages 10 are not at the extreme lower ends of the teeth, but are at the sides of the teeth away from the handle and adjacent the lower ends of the teeth. By this construction the outlets are prevented from becoming choked with cuticle or dandruff or otherwise becoming clogged. The plate 8, carrying the teeth 9, may be removably attached to the lower end of the bowl by any appropriate means, though in this preferred form the plate is threaded, as indicated by numeral 12, and screwed into the lower end of the body or bowl 1.

The operation of the device will be apparent from the foregoing description. To fill the comb, the plate carrying the teeth is removed, and the body or bowl is filled with the pomade or heavy grease which is to be applied to the hair. The plate carrying the teeth is then screwed into place, and the device is ready for use; the parts being in the position as indicated in Figure 1. The handle 2 is now grasped so that the thumb may be applied to the lever 7; and by exerting pressure on this lever it is apparent that the plunger rod 5 and plunger head 4 will be moved slowly downward, so that the pomade will be forced through the passages 10 and outlets 11 of the teeth 9, and onto

the hair and scalp. While the pressure is being applied the comb is drawn through the hair in the direction of the handle of the device, and as the outlets are on the opposite side of the teeth, it is apparent that the outlets will not become filled with cuticle or dandruff, or become otherwise clogged. In this manner the pomade may be quickly and easily applied by the operator to his or her own head, and in a more efficient, thorough and sanitary manner than has been possible heretofore.

I have also devised a brush attachment which may be employed with and be mounted on the comb, thereby not only avoiding the necessity of two separate implements, but also increasing the efficiency of those treatments in which the use of a brush is desirable, as, for instance, in applying a hair dressing. I shall now describe the brush attachment, and the means for mounting it on the comb; reference being had particularly to Figures 3 and 4.

The brush 13 is formed of two semi-circular sections 14, 14, which are fixed to the lower end of the cylindrical brush body member 15 by any desired means, such as by pins 16. The semi-cylindrical brush sections are slightly spaced apart, as shown in Figure 3, to provide a slot 17, through which the comb teeth 9 pass when the brush is applied to the comb. A locking bar 18 is pivotally attached to the upper end of the cylindrical brush body, and a latch 19 is provided on the opposite side of the body for securing the bar in place; the locking bar being provided with a large opening 20 to permit the bar to pass over the plunger rod 5. The comb body 15 is provided with an open ended slot 21 to receive the comb handle 2.

To mount the brush in place on the comb, it is only necessary to place the bowl of the comb within the cylindrical body 15 of the brush, and move the bowl downward, whereby the comb teeth will pass through the slot 17, while the comb handle will pass into the slot 21. To secure the parts together in operative position it is only necessary to swing the locking bar 18 downward into engagement with the latch 19. The arrangement of the parts, when assembled, is clearly illustrated in Figure 4.

I shall now describe a modified form of my pomade comb; reference being had particularly to Figs. 5, 6 and 7.

In this form of the device, which may be termed the cylinder style of comb, the bowl or body is formed in the shape of an elongated cylinder 22, and attached to the lower side of this cylinder is a series of teeth 23 having passages 24 and outlets 25, just as in the preferred form of the device. Also as in the preferred form, the series of teeth is in alignment with the comb handle, and

the outlets are on the side of the teeth opposite the handle, thereby preventing clogging of the outlets, as previously described.

The comb handle is indicated generally by numeral 26, and it is preferably removably attached to the comb bowl by means of screw threads 27. The forward portion of the handle; i. e., the portion adjacent the bowl, constitutes a barrel 28 to receive the pomade or heavy grease, and slidably mounted in the barrel is a piston or plunger head 29. It will be understood, of course, that the comb is filled the first time by filling both the bowl and the barrel, and the pomade is forced through the passage in the comb teeth, by the forward movement of the plunger 29. For the purpose of operating the plunger, I provide a threaded rod 30, which is attached at one end to the piston or plunger 29, and which is attached at its opposite end to a disk 31, which disk is flattened on one side, as indicated by numeral 32 (Fig. 7). This flattened side of the disk cooperates with a flattened interior wall of the hollow handle 26, thereby preventing the rotation of the disk 31, the threaded rod 30, and the plunger or piston head 29. The disk 31 and plunger head 29 may be attached to the rod 30 by any desired means, but I preferably employ set screws 33 for that purpose.

A thumb nut 34 is threaded on the rod 30, and the comb handle is slotted, as indicated by numeral 35, to give access to the nut for the purpose of operation. The nut is held against longitudinal movement by engagement with the walls of the slot 35.

The operation of this form of comb will be clearly understood from the foregoing description. In the first filling of the comb, both the bowl and the barrel are filled with the pomade or other heavy grease; and the barrel is then connected to the bowl by the threads 27, or by any other appropriate means. When the comb is put into operation, the thumb nut 34 is rotated while the comb is drawn through the hair in the direction of the handle, and obviously the rotation of the thumb nut will advance the plunger or piston head 29 and force the pomade through the teeth and onto the scalp and hair. It will be understood that in this form, as well as the preferred form, the plunger or piston head and the body are perfectly machined, so that the contents cannot escape by the plunger or piston head.

From the foregoing description it will be apparent that I have devised a comb by means of which a pomade or heavy grease may be applied to the hair and scalp in a very few minutes, in a sanitary, clean and thorough manner, and by means of which it may be applied to one's own hair and scalp without the necessity of an assistant.

It will also be apparent that I have devised a brush attachment which may be mounted on the comb, thereby not only avoiding the necessity for two separate implements, but also increasing the efficiency of those treatments in which the use of a brush is desirable, as, for instance, in applying a hair dressing.

In accordance with the patent statutes I have described what I now believe to be the best embodiment of the invention, but I do not wish to be understood thereby as limiting myself or the scope of the invention, as many changes and modifications may be made without departing from the spirit of the invention; all such I aim to include in the scope of the appended claims.

What I claim as new and desire to secure by Letters Patent is:

1. A pomade comb including a body to receive the pomade, said body having imperforate side walls, a handle attached to the body, a series of hollow teeth attached to and communicating with the body, said teeth arranged in line with said handle, a plunger arranged within and closely fitting said body, means to prevent tilting of the plunger, and means whereby said plunger may be operated to force the pomade through said hollow teeth.

2. A pomade comb including a substantially circular body to receive the pomade, a series of hollow teeth attached to and communicating with the body, a plunger arranged within and closely fitting said body, means to prevent tilting of the plunger and means whereby said plunger may be moved downward to force the pomade through said hollow teeth, said plunger being free of mechanical means forcing it upwardly, whereby after each downward movement said plunger remains in its lowered position.

3. A device of the character described, including a body to receive the pomade, said body having a substantially circular imperforate side wall, a series of hollow teeth attached to and communicating with the body, said teeth having the outlet ports on the side opposite the normal direction of travel of the device through the hair, a plunger arranged within and closely fitting said body, and means whereby said plunger may be moved downward to force the pomade through said hollow teeth, said plunger being free of mechanical means forcing it upwardly, whereby after each downward movement said plunger remains in its lowered position.

4. A pomade comb including a body to receive the pomade, said body having a substantially circular imperforate side wall, a plunger arranged within and closely fitting said body, said body being open at its lower end to be charged with pomade, a plate threaded in the lower end of the body after

it has been charged, and a series of hollow teeth attached to said plate and communicating with said body.

5. A device of the character described, including a body to receive the pomade, a handle attached to said body, a plate carried by said body, a plurality of hollow teeth attached to said plate and communicating with said body, a plunger arranged within and closely fitting said body, a plunger rod of substantial diameter extending upwardly beyond the top of said body, a collar embracing said rod to maintain the alignment thereof, said plunger rod presenting means whereby the plunger may be moved downward to force the pomade through said hollow teeth, said plunger being free of mechanical means forcing it upwardly, whereby after each downward movement said plunger remains in its lowered position.

6. A device of the character described, including a body to receive the pomade, said body having a substantially circular imperforate side wall, a circular plate removably attached to the lower end of said body, a series of hollow teeth attached to said plate and communicating with said body, a plunger arranged within and closely fitting said body, a plunger rod extending upwardly beyond the top of said body, and a lever attached to said body and adapted to engage said plunger rod, whereby the plunger may be advanced to force the pomade through said hollow teeth.

7. A pomade comb including, a body to receive the pomade, said body having a substantially circular imperforate side wall, a handle attached to said body, a circular plate removably attached to the lower end of said body, a series of hollow teeth attached to said plate and communicating with said body, a plunger arranged within and closely fitting said body, a plunger rod extending upwardly beyond the top of said body, and a lever attached to said body and adapted to engage said plunger rod, said lever being so arranged that it may be operated by the thumb while the device is grasped in the hand.

8. A pomade comb including a body to receive the pomade, a handle attached to said body, a disk threadedly attached to the lower end of said body, a series of hollow teeth attached to said disk and communicating with said body, said teeth arranged in line with said handle and having outlet ports on the side opposite said handle, a plunger arranged within and closely fitting said body, a plunger rod extending upwardly beyond the top of said body, and a lever pivotally attached to said body and adapted to engage said plunger rod.

9. A device of the character described, including a body to receive pomade to be dispensed, a plunger arranged within the body for dispensing the pomade, a plurality of

hollow teeth communicating with said body, and a brush adapted to be removably attached to said body in cooperative relation with said teeth.

5 10. A device of the character described, including a body to receive the substance to be dispensed, a plurality of hollow teeth communicating with said body, a brush, and
10 an upwardly extending wall carried by said brush, said body adapted to be received within said wall with said teeth projecting through said brush.

11. A device of the character described, including a body to receive the substance to be
15 dispensed, a plurality of hollow teeth communicating with said body, a brush, an upwardly extending wall carried by said brush, said body adapted to be received within
20 said wall with said teeth projecting through said brush, and means for removably connecting said body and brush.

12. A device of the character described, including a pomade dispensing comb, a vertically
25 movable dispensing plunger within the comb, and a brush, and means for removably

connecting said comb and brush in cooperative relation.

13. A device of the character described, including a pomade dispensing comb, a vertically
30 movable dispensing plunger within the comb, and a brush arranged below the comb with the comb teeth projecting through the brush.

14. A device of the character described, including a body to receive the substance to
35 be dispensed, a plurality of hollow teeth communicating with said body, a brush, said brush having an opening therein to receive said teeth, and an upwardly extending wall
40 carried by said brush and adapted to receive said body.

15. A comb including a body to receive the substance to be dispensed, a series of hollow
45 teeth communicating with said body, a brush, said brush having an opening therein to receive said teeth, an upwardly extending wall carried by said brush and adapted to receive said body, and means for attaching said brush to said comb.

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