No. 670,894. Patented Mar. 26, 1901.

N. O. EMERY.

COMB.

(No Model.) (Application filed May 19, 1900. Renewed Feb. 18, 1901.)

Fig. 1.

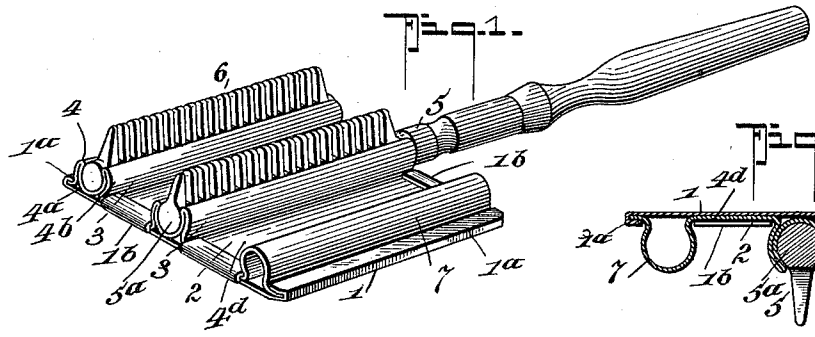


Fig. 2.

Fig. 3.

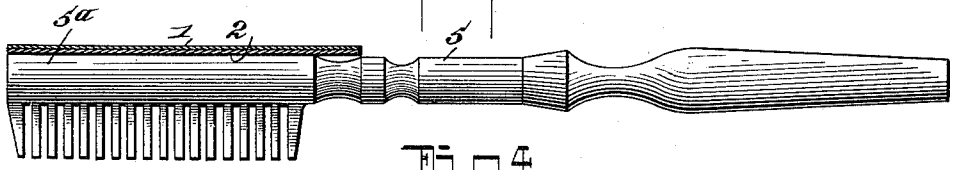


Fig. 4.

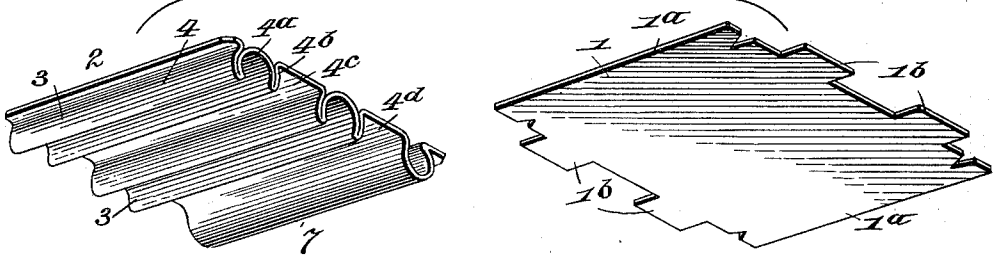
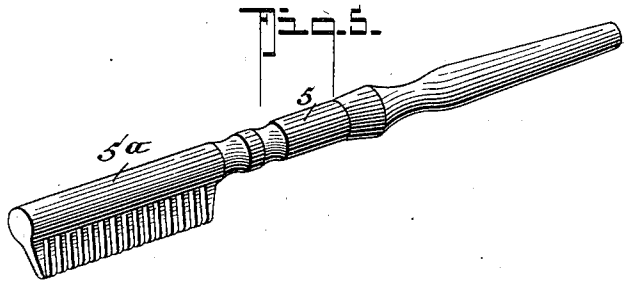


Fig. 5.



WITNESSES:

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NECY OHAIR EMERY, OF PADUCAH, KENTUCKY.

COMB.

SPECIFICATION forming part of Letters Patent No. 670,894, dated March 26, 1901.

Application filed May 19, 1900. Renewed February 18, 1901. Serial No. 47,853. (No model.)

To all whom it may concern:

Be it known that I, NECY OHAIR EMERY, residing at Paducah, in the county of McCracken and State of Kentucky, have invented a new and useful Straightening-Comb, of which the following is a specification.

This invention is in the nature of an improved comb especially adapted for straightening the hair of colored persons and whereby to remove the kinks or short curls and leave the hair long, smooth, and in a more desired condition than that which it naturally assumes.

My invention comprehends a novel construction of comb for this purpose which can be readily used to comb out the curls or kinks and at the same time smooth it as it is straightened in a quick, easy, and effective manner.

My invention also has for its purpose to provide a comb of this kind in which the several parts are detachably connected and so arranged that the same can be used to comb out and smooth a large amount of the hair at one time where the complete comb can be manipulated and one portion of the comb detached and used as the ordinary straightening-comb for application on such parts of the head where it would be impossible or inconvenient to use the complete form of comb.

In its subordinate features this invention consists in certain novel features of construction and peculiar combination of parts, such as will be first described in detail and then be specifically pointed out in the appended claim, reference being had to the accompanying drawings, in which—

Figure 1 is an inverted perspective view of my improved comb. Fig. 2 is a transverse section of the same. Fig. 3 is a longitudinal section thereof. Fig. 4 is a perspective view of the two plates forming the body or comb-holder detached, and Fig. 5 is a view of the combined handle and single straightening comb member.

In its practical construction the body or holder and the comb portions proper are all preferably made of metal, so that both the body, the smoother, and comb portions can be readily heated to facilitate the use of the device and secure the best results. The body or holder proper, as shown, is of substantially a square shape, although it may be rectangular or other shape. This holder consists of two sheet-metal plates 1 2, the under one being preferably of a springy nature for a purpose presently explained. The lower plate 2 has a number, preferably two, parallel-disposed tubular-like pendent portions 3, the lower edges of which are slotted their full length, whereby the head and tooth portions of the removable metal combs 5 and 6 may be readily inserted or withdrawn. The tubular portions 3 form clamp-heads and are made by bending the bottom plate down, as at 4, then in an inverted circular shape 4^a, then back upon itself, as at 4^b, then flat, as at 4^c, to be close against the top plate, and then again as before to form the second or center clamp, from whence it passes flat, as at 4^d, then again down in a closed inverted semicircular roll 7, which forms the "smoothener," as will hereinafter appear. The ends of the bottom plate project out and are held clamped to the top plate by the under-turned flanges 1^a of the top plate, which is also provided at the ends with the under-turned flanges 1^b, adapted to lap over the inner and outer edges of the said bottom plate.

While I have shown and described the parallel clamp members as being of a tubular shape, it is manifest their shape in cross-section will be dependent upon the cross-sectional shape of the head of the removable combs 5 and 6, presently referred to.

So far as described it will be readily seen that the body or holder portion of my comb consists of but two pieces of sheet metal, the under one of which has the comb-holding clamps and the smoothener-roll made an integral part thereof, such construction of parts not alone making the holder one of great stability and compactness and light in weight, but also making it possible of manufacture at a minimum cost.

The center comb 5 is of the ordinary straightening-comb form, it having the usual metal comb portion provided with the head 5^a, of a shape to snugly fit the central clamp-way of the holder and a wooden handle portion, which forms a longitudinal extension of the comb-shank proper.

The comb 6 is of the same construction as the comb 5, except it has no handle, and such

comb is adapted to be detachably fitted in the end clamp-groove, as clearly shown in Fig. 1.

By bending the clamp members up from the body of the lower plate 2 it is obvious they will have a tension of a degree to tightly hold the comb members in place after they have been inserted therein. Furthermore the smoothing-roll will also be of such rigidity as to effectively serve its intended purposes.

In the use of my improved comb the combs 5 and 6 are inserted in the clamps, the comb having the handle being inserted in the central clamp-groove. The user then grasps the handle and manipulates the device to cause the comb-teeth to engage the hair and pass into it like the ordinary comb, it being understood that the same is manipulated in such manner that the outer and inner combs enter and straighten the hair, the smoothing-roll passing over such hair as it has been passed through the comb-teeth, it being understood that to increase the effectiveness of my comb the holder, as well as the comb portions, are heated or kept hot during the combing operation.

By making the central clamp-groove the same shape its full length and open at both ends it follows the central comb member can be slipped in from either end to adapt the comb for use by either a right or left handed person.

By providing a holder having a plurality of parallelly-disposed combs it is obvious that the hair can be the more quickly and uniformly straightened out in large quantities at the time and with a perfect freedom of movement of the device over most every part of the head, and by providing a central removable comb portion having an attached handle the same can be quickly detached from the holder and used on such parts of the head where the use of the whole device is not convenient nor desirable.

My improvement is of a very simple and inexpensive nature and can be readily manipulated by any one, as its manipulation is practically that of the ordinary comb.

I am aware that combs for straightening hair consisting of a handle having a longitudinally-extended comb portion are not new, and therefore I make no claim for such construction, but

What I do claim, and desire to secure by Letters Patent, is—

A comb of the character described, comprising a head or holder having a central pendent clamp, a similar clamp at one side, and a smoothing-roll at the other side, said roll and clamps being parallel, the central clamp being open at both ends; a comb-section detachably held on the outer clamp; and a comb-section having an attached handle member, and having its head adapted to slide into engagement with the central clamp from either end.

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