May 28, 1940. F. PRICE 2,202,672

PRESSING HAIR COMB

Filed July 6, 1939

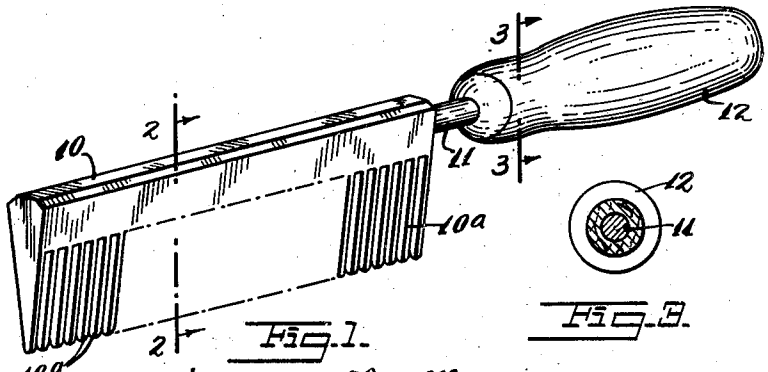


Fig. 1.

Fig. 3.

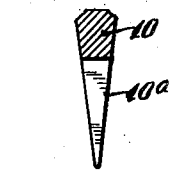


Fig. 2.

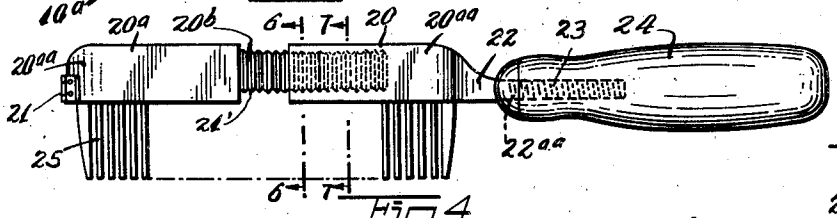


Fig. 4.

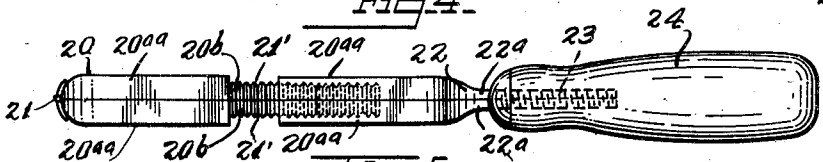


Fig. 5.

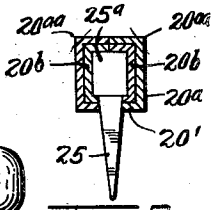


Fig. 6.

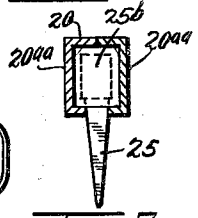


Fig. 7.

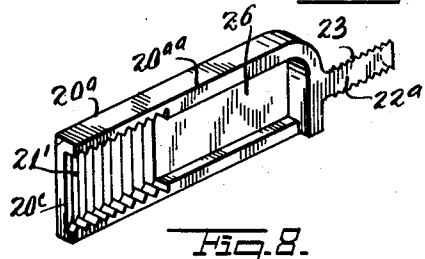


Fig. 8.

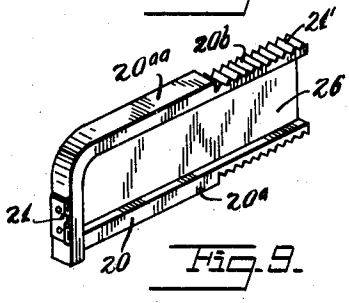


Fig. 9.

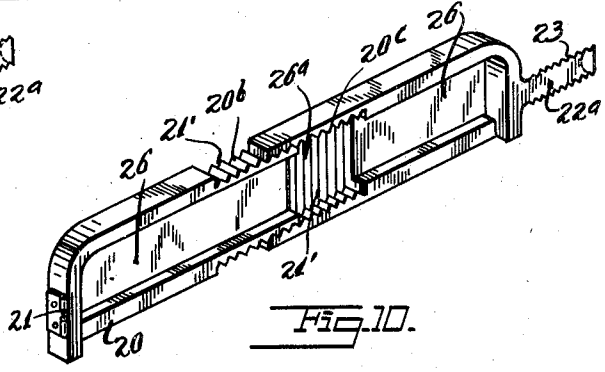


Fig. 10.

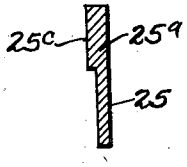


Fig. 11.

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Patented May 28, 1940 2,202,672

UNITED STATES PATENT OFFICE

2,202,672

PRESSING HAIR COMB

Fannie Price, New York, N. Y.

Application July 6, 1939, Serial No. 282,992

3 Claims. (Cl. 132—11)

This invention relates to new and useful improvements in a pressing hair comb.

More specifically, the invention proposes the construction of a pressing hair comb characterized by the provision of a body constructed of flat heat retaining material and having comb teeth along one edge which are adapted to be passed through the hair for straightening kinky hair so that the same may be dressed in any desired manner.

A further object of this invention is to form both the body and teeth of heat retaining material and provide the body at one end thereof with a handle of heat resistant material making it possible to handle the comb after the body thereof has been heated.

A further object of this invention is to so construct the comb teeth that they may be easily passed through the hair while the flat side of the flat body engages against the hair after passing through the teeth for assisting in removing the kinks from the hair.

Still further it is proposed to provide adjacent layers hingedly connected togetner at one of their ends for holding the heat retaining body in such a manner that a plurality of comb teeth elements may be clamped between the layers to permit the length of the comb to be increased or decreased in a particular manner and to permit the spaces between the comb teeth elements to be easily cleaned by removing the comb teeth elements from said heat retaining body.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawing, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawing forming a material part of this disclosure:

Fig. 1 is a perspective view of a pressing hair comb constructed according to this invention.

Fig. 2 is a sectional view on the line 2—2 of Fig. 1.

Fig. 3 is a sectional view on the line 3—3 of Fig. 1.

Fig. 4 is an elevational view of a pressing hair comb constructed according to a modification of this invention.

Fig. 5 is a plan view of Fig. 4.

Fig. 6 is a sectional view looking in the direction of the line 6—6 of Fig. 4.

Fig. 7 is a sectional view looking in the direction of the line 7—7 of Fig. 4.

Fig. 8 is a perspective view of one of the sections forming one of the layers of the heat retaining body.

Fig. 9 is a perspective view of the other of the sections forming one of the layers of said heat retaining body.

Fig. 10 is a perspective view of one of the layers forming said heat retaining body with its sections inter-engaged with each other.

Fig. 11 is a vertical sectional view of one of the comb teeth elements per se.

The pressing hair comb, according to this invention, includes a flat heat retaining body 10 having comb teeth 10ª along one edge thereof. The teeth 10ª are integrally formed upon one of the edges of the flat body 10 and the teeth and body are formed of a material which readily conducts and retains heat so that the comb may be used for removing kinks from hair.

At one end the flat heat retaining body is formed with an outwardly extending stud 11 upon which a handle 12 is mounted. The handle 12 is constructed of a material which does not readily conduct heat so as to remain cool to permit the comb to be handled for passing the teeth 10ª through the hair.

The operation of this device is as follows:

The teeth 10ª and the flat heat retaining body 10 are held above an open flame or other heater to become heated. The teeth 10ª thereof are passed through the hair with the flat side of the heat retaining body 10 engaging against the hair after passing through the teeth for removing the kinks from the hair.

According to the modification of the invention shown in Figs. 4–10 inclusive a flat heat retaining body 20 is constructed of adjacent layers 20ª. A hinge 21 is provided for hingedly connecting together adjacent ends of the layers 20ª. Each of the layers 20ª is formed of separate sections 20ªª which telescopically engage each other in a manner to be extendable. One of the sections 20ªª is formed with a reduced extension 20ᵇ which is adapted to engage into an enlarged opening 20ᶜ formed in the other of the sections 20ªª. The adjacent faces of the extension 20ᵇ and the enlarged opening 20ᶜ are formed with serrations 21' which are adapted to be engaged for holding the sections 20ªª in various extended positions with relation to each other.

The sections 20ªª opposed to the sections 20ªª having the hinge 21 are formed with semi-circular extensions portions 22ª which are adapted to form a circular extension 22 when the layers 20ª are closed. The extension formed by the half circular extension portions 22ª is formed with

threads 23 upon which a handle 24 is adapted to be threadedly engaged for holding the layers 20^a fixedly together and for maintaining the sections 20^{aa} forming the layers 20^a against being extended, except when the handle 24 is removed.

Normally, the handle 24 holds the layers 20^a together and the sections 20^{aa} forming each of the layers in various adjusted fixed positions. A plurality of comb teeth elements 25 are formed at their upper ends with rectangular portions 25^a which are adapted to be inserted between the layers, the layers being cutout on their inner surfaces as indicated by reference numeral 26 for accommodating the rectangular areas to permit the comb teeth elements 25 to be positioned with the teeth thereof extending from the bottom edge of the heat retaining body in a manner similar to all combs.

When the sections 20^{aa} forming the layers 20^a are in extended positions with relation to each other, a large space 26^a is formed on the inside of the heat retaining body requiring that comb teeth elements having larger rectangular areas 25^b, as shown in Fig. 7, be inserted into this area in order to fixedly maintain their proper position. The bottom edge of the sections 20^{aa} are formed with inwardly extending flanges 20' which are adapted to engage under the square areas 25^a of the comb teeth elements 25 on the side of the teeth for preventing the comb teeth elements from slipping from between the layers 20^a. With this construction it is possible to increase the length of the heat retaining body and insert additional comb teeth elements 25 into the heat retaining body for compensating for the adjustment in length and also permitting the comb to be easily cleaned by removing the handle 24, opening the layers 20^a, removing the comb teeth elements 25 so that each may be individually cleaned.

Each of the comb teeth elements 25 is formed with an extension 25^c on one side thereof which is adapted to bear against the tooth immediately in front for forming the spaces between the adjacent faces of the teeth.

The operation of the device in this form of the invention is as follows:

For adjusting the length of the heat retaining body 20 the handle 24 is removed from the extension 22 to permit the layers 20^a to be swung to their open position so that the sections 20^{aa} may be shifted with relation to each other for increasing the length of the body 20. After the proper length has been attained the comb teeth elements are replaced between the layers 20^a with enough teeth to compensate for the change in length and to completely fill the interior of the heat retaining body. The layers 20^a are then again moved to their closed position so that the handle 24 may be reengaged upon the extension 22 for holding the layers and the sections in their adjusted position. The comb is used in a manner similar to the comb described relative to Figs. 1 to 3.

While I have illustrated and described the preferred embodiments of my invention, it is to be understood that I do not limit myself to the precise constructions herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

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

1. A pressing hair comb, comprising a flat heat retaining body of adjacent layers of material hingedly connected at one of their ends, each of said layers comprising a pair of sections telescopically engaging each other, a handle mounted on the other end of said body for holding said layers and sections in adjusted fixed positions, and a plurality of comb teeth elements clamped between said layers and projecting from one of the edges of said body.

2. A pressing hair comb, comprising a flat heat retaining body having comb teeth along one edge, and a handle on one end of said body, said heat retaining body being formed of adjacent layers of material hingedly connected at one of their ends, each of said layers comprising a pair of sections telescopically engaging each other, one pair of said sections being formed with reduced extensions adapted to engage into openings formed in the other pair of said sections and the adjacent faces of said extensions and said openings being formed with serrations adapted to be inter-engaged for holding the sections against extending except when said layers are open.

3. A pressing hair comb, comprising a flat heat retaining body having comb teeth along one edge, and a handle on one end of said body, said heat retaining body being formed of adjacent layers of material hingedly connected at one of their ends, said comb teeth elements being formed at their upper ends with square areas engageable into a hollow formed between said layers and said layers being provided with flanges at their bottom edges for engaging beneath the square areas on both sides of said teeth for retaining said square areas in position between said layers.

FANNIE PRICE.