

J. McARTHUR.  
HAIR ORNAMENTS OR HOLDING DEVICE.  
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952,926.

Patented Mar. 22, 1910.

Fig. 1.

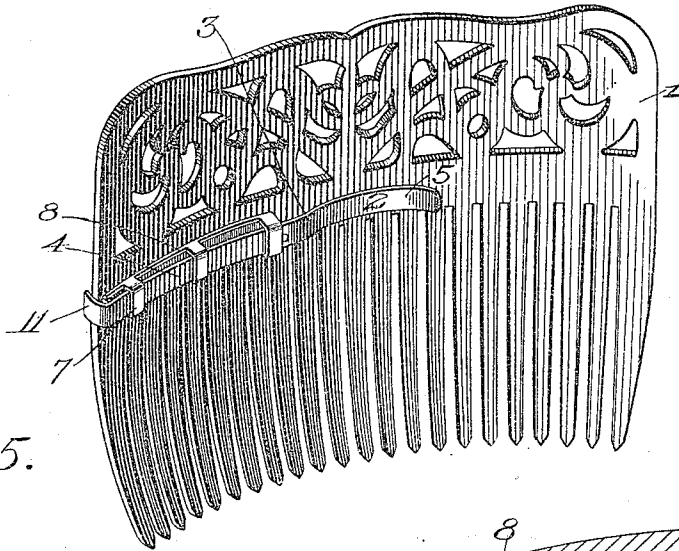


Fig. 5.

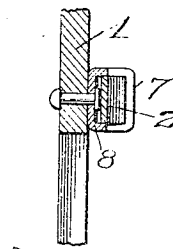


Fig. 2.

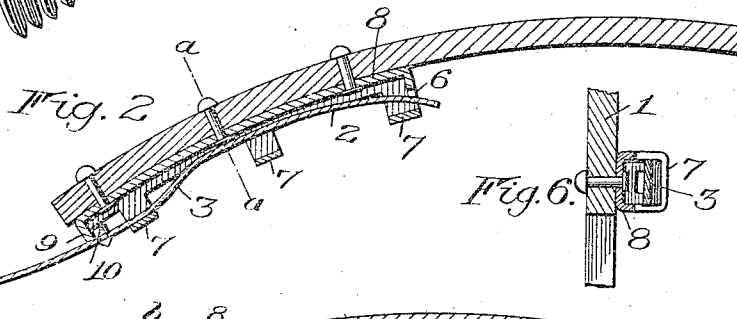


Fig. 6.

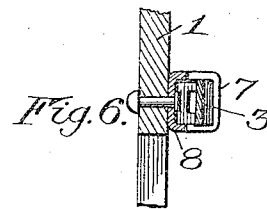


Fig. 3.

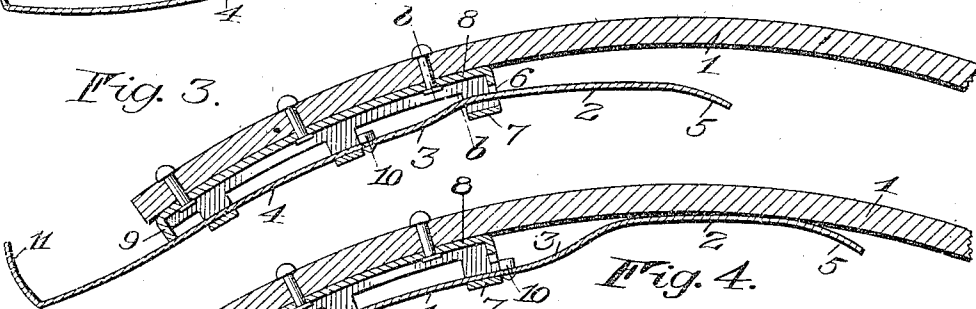


Fig. 4.

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# UNITED STATES PATENT OFFICE

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HAIR ORNAMENTING OR HOLDING DEVICE.

952,926.

Specification of Letters Patent. Patented Mar. 22, 1910.

Application filed November 14, 1908. Serial No. 462,548.

*To all whom it may concern:*

Be it known that I, JAMES McARTHUR, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Hair Ornamenting or Holding Devices; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

The present invention relates to devices such as combs, barrettes or the like employed for ornamenting or for holding the hair of ladies, and an object of the invention is to provide a fastening means which in addition to interlocking with the hair will move to effect a clamping of the hair to the device.

To this and other ends the invention consists in certain improvements and combinations of parts all as will be hereinafter more fully described, the novel features being pointed out in the claims at the end of the specification.

In the drawings: Figure 1 is a perspective view of the inner face of an ornamental back comb embodying this invention; Figs. 2, 3 and 4 are detail sectional views of the direction of the longitudinal axis of the fastener showing the latter respectively in open or unfastened position, during the closing, and in closed or fastened position; Fig. 5 is a section on line *a-a*, Fig. 2; and Fig. 6 is a section on line *b-b*, Fig. 3.

Hair ornamenting or holding devices have heretofore been secured in position by means which merely interlocks or loosely engages between the strands of the hair, and as a consequence if the strands with which the fasteners interlock become loose the comb drops out. In this invention the fastener has in addition to its movement to interlock with the hair strands, a movement toward the body of the ornamenting or holding device to effect the clamping of the hair, so that even should the strands become loose the device will be held thereto.

In the present embodiment of the invention a fastener has a movement across the face of a back comb 1 transversely of the teeth of the latter. This fastener may comprise a gripping portion 2 connected by a resilient portion 3 with a guiding portion 4, the gripping portion having a normal tendency to move toward the face of the comb and having its resilient connection with the

guiding portion placed under tension during the movement across the face of the comb, in order that, when sufficient strands have been caught, the gripping portion may spring toward the comb and effect a gripping or clamping of the hairs against the body of the comb. In this instance, the gripping portion 2, resilient portion 3 and guiding portion 4 are formed from a single piece of flat spring steel that is reversely curved, one of the curved portions providing the guiding portion and the other the gripping portion, while the resilient portion is formed by the connection between them. The end 5 of the gripping portion is thus deflected away from the comb, so that when the fastener is moved to locking position the end will first cooperate with a device in the form of a guide 6 and cause the gripping portion to move away from the comb in order that the fastener may interlock with strands of the hair. This action also places the resilient portion 3 under tension and when the gripping portion passes the guide 6 it springs toward the comb and clamps the hair. The deflected or resilient connection by binding against the guide 6 prevents the accidental sliding of the fastener.

The guiding of the fastener on the comb may be effected in any suitable manner but it is preferred to employ straps or loops 7 which may be arranged on a plate 8 that may be secured to the comb and also carry the guide 6, a stop 9 being preferably provided on the plate 8 in order to cooperate with a stop 10 on the fastener to limit the outward or unfastening movement of the latter. The curved guiding portion 4 is compressed by the straps when the fastener is in closed or fastened position and the friction between the parts also prevents accidental slipping of the fastener. When the fastener is opened the curved guiding portion moves away from the lines of the head of the wearer so that the fastener may be easily manipulated.

In operation the comb is first placed in the hair and then the fastener is moved transversely of the teeth until the rearwardly deflected operating-portion 11 engages an edge of the comb. The hair is now clamped and even should the comb become dislodged it will be held to the hair. A movement of the fastener in the opposite direction releases the comb.

A hair ornamenting or holding device

constructed in accordance with this invention will not have its cost of manufacture materially increased, yet it will insure the wearer against the loss thereof. The construction is not conspicuous as all the parts except the small operating portion are hidden from view, while the simplicity of the device makes it little liable to get out of order and at the same time renders the operation such that any one may understand it.

I claim as my invention:

1. In a device for ornamenting or holding hair, the combination with a body, of a fastener therefor comprising a gripping portion movable across the face of the body, and a guide cooperating with the gripping portion for holding the latter away from the body in a certain position of the gripping portion, said guide being located entirely on a side of that portion of the body against which the hair is pressed by the gripping portion.

2. In a device for ornamenting or holding hair, the combination with a body, of a fastener therefor embodying a guiding portion movable across a face of the body and a gripping portion resiliently carried by the guiding portion, and a guide cooperating with the gripping portion for holding the latter away from the body in a certain position of the gripping portion, said guide being located entirely on a side of that portion of the body against which the hair is pressed by the gripping portion.

3. In a device for ornamenting or holding hair, the combination with a body, of a fastener made of resilient material and embodying a guiding portion, a gripping portion and a deflected portion connecting the guiding portion to the gripping portion, and a guide over which the gripping portion is adapted to travel to hold the latter away from the comb until the deflected portion is passed.

4. In a device for ornamenting or holding hair, the combination with a body having a loop arranged thereon, of a fastener arranged to travel beneath the loop and across the face of the body and having a gripping portion to cooperate with the body and a guide cooperating with the fastener for holding the gripping portion away from

the body in a certain position of the gripping portion, said guide being located entirely on a side of that portion of the body against which the hair is pressed by the gripping portion.

5. In a device for ornamenting or holding hair, the combination with a body, of a fastener therefor embodying a gripping portion movable across the face of the body and also toward said face to cooperate therewith in order to grip the hair, of a guide cooperating with said fastener for holding the gripping portion away from the body in a certain position of the gripping portion, said guide being located entirely on one side of that portion of the body against which the hair is pressed by the gripping portion.

6. In a device for ornamenting or holding hair, the combination with a body, of a sliding fastener mounted thereon and comprising a resiliently mounted gripping portion adapted to be moved toward the comb, and a curved and resilient guiding portion connected to the gripping portion.

7. In a device for ornamenting or holding hair, the combination with a body, of a sliding fastener embodying a strip of resilient material curved at one end toward the body to provide a gripping portion, and a guide to cooperate with the curved gripping portion to move it away from the body.

8. In a device for ornamenting or holding hair, the combination with a body carrying a loop and a guide, of a fastener embodying a strip of resilient material reversely curved, one curved portion being adapted to travel over the guide in order to be moved away from the body and the other portion having a movement beneath the loop.

9. The combination with a body, of a plate secured to the inner face thereof and having a loop extending therefrom and a guide, and a strip of reversely curved material adapted to be moved beneath the loop and having one curved portion adapted to travel on the guide to be moved away from the body, the end of said strip being deflected to cooperate with an edge of the body.

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