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E. A. TESSMER

ATTACHMENT FOR HAIR WAVING DEVICES

Filed July 28, 1926

Fig. 1

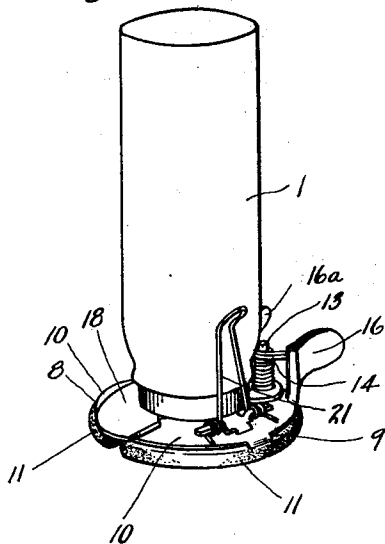


Fig. 2

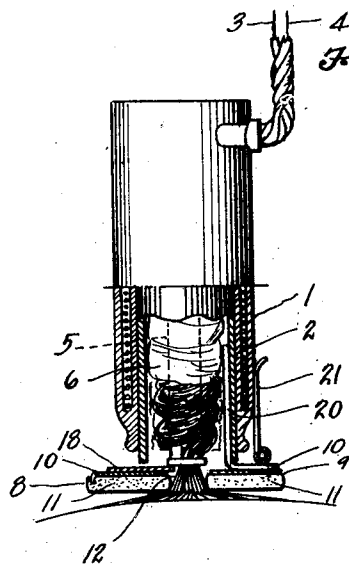


Fig. 3

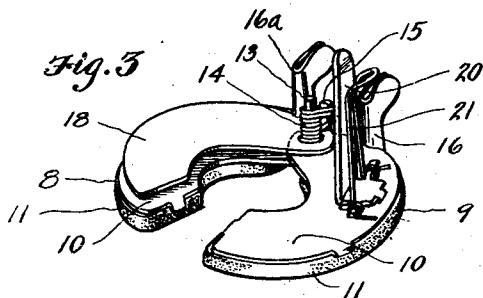
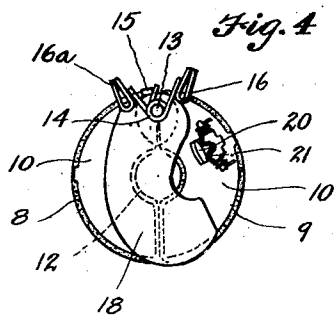


Fig. 4



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ATTACHMENT FOR HAIR-WAVING DEVICES.

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This invention relates to improvements in scalp protecting pads adapted for use in connection with electrically heated hair waving devices of that character used for permanent waving; more particularly, the invention relates to insulating and protecting devices made in the form of a spring clip that may be applied between the end of the heated iron and scalp as a means of protecting the scalp from the intense heat of the device and also as a means for holding the device from contact with the hair or scalp.

More specifically stated, it is the principal object of the present invention to provide insulating pads comprising pivotally connected opposite half sections adapted to be opened apart for application about a strand of hair and having a spring connection that closes the parts together, when released, to grip the strand and hold the device in place. Also to provide the pad with a pivotally mounted clamping plate adapted to close closely beneath the end of the iron and to cover the gap between the edges of the pad sections when they are placed about a strand of hair.

Another object of the invention is to provide the pad with yieldable means for detachably connecting it to the end of the heater casing so as to retain it in proper relation thereto for giving protection to the hair and scalp.

Other objects of the invention reside in the various details of construction and combination of parts and in their mode of operation as will hereinafter be described.

In accomplishing these objects, I have provided the improved details of construction, the preferred forms of which are illustrated in the accompanying drawings, wherein—

Figure 1 is a perspective view of a scalp protecting and insulating pad as applied to the end of the heater casing.

Figure 2 is a sectional view of the same parts showing the relation of the pad to the heater.

Figure 3 is a perspective view of the pad detached from the heater and in open position.

Figure 4 is a plan, or top, view of the pad. Referring more in detail to the drawings—

A common type of hair waving device with which the present pad may be used is shown in Figures 1 and 2, in which 1 designates a tubular casing containing an electrical heating element 2 to which circuit is

delivered through connections 3 and 4. Within the tube is a metallic stick 5 about which a strand of hair to be waved is closely wound and about the hair is wound a cloth 6. In use the lower end of the heater is located as close to the scalp as possible and it is for the protection of the scalp from the heat of the iron that the present device is used.

In its preferred form, the pad comprises two substantially semi-circular half sections 8 and 9, each having a metallic top plate 10 to which, on its under side, an insulating pad 11 of felt, or other suitable material, is fastened. The two half sections have cooperatively located semi-circular recesses in the inner, or adjacent, edges, which form a circular opening 12 when the parts are closed together through which the strand of hair may pass. At one side of the opening 12, the top plates 10 are extended so as to overlap each other and are pivotally connected together by means of a stud 13 that is fixed in the under piece and about which a spring 14 is wound. One end of the spring, which is formed from a doubled wire, bears against an upstanding stud, or stop, 15, at the back edge of the under plate 10 and, at its other end, bears against a finger piece 16 formed at the back edge of the top plate of the other pad section so that the spring acts to close and yieldably hold the parts together.

Also, pivotally mounted on the stud 13 and overlying the top plate of the pad section 8, is a plate 18. This is provided, at its back edge, with an upstanding finger piece 16^a in paired relation to piece 16 and these serve as means for handling and whereby the device is opened and is removed from or placed in position. An end portion of the spring 14 also bears against the finger piece 16^a and urges the plate 18 toward closed position. The plate is movable to closed position independently of the pad sections and its outer end portion is adapted to overlie the space between the edges of the pad sections when they are held apart somewhat by application of the device to a strand of hair.

Fixed to the top plate of the pad section 9 is a vertical post 20 adapted to be projected along the inside of the casing, or tube, 1 in which the strand of hair is contained for waving, and also, mounted on the plate adjacent the post, is a spring 21 adapted to bear against the outer side of the tube to hold the pad in position.

In applying the device, after a strand of hair has been properly placed about the curling stick 5, it is picked up by the finger holds 16 and 16^a, which, by being pressed toward each other, causes the plate 18 to swing to open position until its finger piece 16^a comes in contact with stud 15, then a farther pressing together of the finger pieces opens the two pad sections apart so that they may be applied about the strand of hair just below the end of the curling stick and adjacent the scalp. The finger pieces are then released and the spring 14 causes the two pad sections to be closed together about the strand of hair and the plate 18 to close across the space between the pad sections. The heater casing is then applied over the stick and the lower end wall is projected between the post 20 and clamping spring 21 which secures the pad in place and holds it in proper relation to the heater regardless of the different positions the latter may assume during use.

Such devices are easily and quickly applied and will effectively serve all the purposes for which they are made.

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

1. A device of the character described comprising a flat pad formed of two pivotally connected sections adapted to be opened apart for application at opposite sides of a strand of hair and yieldable means for closing the sections together and for holding them in functional relation when in use.

2. A device of the character described comprising a flat pad divided to form opposite side sections, means pivotally connecting said sections at one side of the center to permit them to be opened apart and closed together, said sections having recesses in adjacent edges to receive a strand of hair between them, a spring for clamping the sections together and finger pieces whereby they may be opened apart.

3. A device of the character described, comprising a flat pad divided to form two opposite side sections, means pivotally connecting said sections to permit them to be opened apart and closed together, said sections having recessed adjacent edges forming an opening through which a strand of hair may pass, a spring for closing the sections together, finger pieces whereby the pieces may be opened apart and clamping members on one of the said sections whereby it may be detachably fixed to a heating device.

4. A device of the character described comprising a flat pad divided to form two opposite side sections, means pivotally connecting said sections to permit them to be opened apart and closed together, said sec-

tions having recessed adjacent edges forming an opening through which a strand of hair may pass, yieldable means for closing the sections together, finger pieces whereby the pieces may be opened apart, a post on one of said sections adapted to be inserted inside of a heating tube and a clamping spring fixed to the section to engage the outside of the tube in opposed relation to the post to detachably fix the pad to the tube.

5. A device of the character described comprising a flat pad divided to form two complementary sections, a stud pivotally joining the sections so that they may be opened apart and closed together, a finger piece on one of said sections, a stop on the other section, a spring wound about the stud and bearing against the finger piece and stop to close the pad sections together, a plate pivotally mounted by the stud and adapted to overlie the joint between the pad sections, a finger piece on the plate paired with the first mentioned finger piece, whereby said plate may be moved to open position and against said stop to open the pad sections apart.

6. A device of the character described comprising a flat pad divided to form two complementary, opposite side sections, means pivotally connecting the sections so that they may be opened apart and closed together; said sections having recesses in adjacent edges to provide a central opening through which a strand of hair may pass, a plate pivotally mounted on one of the pad sections and having a portion thereof adapted to overlap the two pad sections across the opening edges, yieldable means for closing the pad sections together and for moving the plate to closed position, and finger pieces on the plate and one of said pad sections whereby the pad sections may be opened apart and the plate moved to open position.

7. A device of the character described comprising a flat pad divided to form opposite side sections, means pivotally joining the sections so that they may be opened apart to receive a strand of hair between them, means for detachably attaching the pad to the end of a heating tube, and a plate pivotally mounted on the pad and adapted to overlap the space between adjacent edges of the pad sections when they are applied to a strand of hair.

8. A device of the character described comprising a pad divided to form two opposite side sections, each comprising a metallic top plate and a heat insulating material fixed to its under side, said plates overlapping each other at one edge of the pad, a stud pivotally joining the two overlapped portions of the plates to permit the two sections to be opened apart and closed together

about a strand of hair, a plate pivotally mounted by said stud overlying one of said pad sections and having an end portion adapted to overlap the adjacent edges of the two pad sections, paired finger pieces on the plate and on one of the pad sections whereby the sections may be opened apart and the plate moved to open position and yieldable means for closing the parts together.

Signed at Seattle, Washington, this 23 day of June, 1926.

EARL A. TESSMER.