Claims

1. A hair iron comprising:

first and second side members pivotally connected adjacent first ends thereof;

a first heating plate provided on a first surface of the first side member; and

a second heating plate provided on a first surface of the second side member such that moving the first and second side members to a closed position engages a section of hair between the first and second heating plates;

wherein second ends of the first and second side members are tapered to aid separating the section of hair by sliding the hair iron longitudinally into the hair and wherein opposed first and second longitudinal edges of the first surfaces of the first and second side members are each curved such that the first longitudinal edges are concave in shape.

2. ~~A~~ The hair iron in accordance with claim 1, wherein the curves in the first and second longitudinal edges extend from a location between the first and second ends of the first and second arm members to the second ends thereof.

3. ~~A~~The hair iron in accordance with claim 2, wherein the first and second longitudinal edges of the first and second arm members are parallel to each other from the first ends thereof to a location between the first and second ends thereof and wherein the curve of the second longitudinal edge is greater than that of the first longitudinal edge from said location between the first and second ends to the second end such that the first and second longitudinal edges approach each other to form a tapered end portion adjacent the second end.

4. ~~A~~The hair iron in accordance with claim 3, wherein the first and second side members each include a second side surface which is arcuate in transverse cross section such that each second side surface extends from the first longitudinal edge of the first side surface to the second longitudinal edge of the first side surface.

5. ~~A~~The hair iron in accordance with claim 4, wherein the second side surfaces of the first and second side members decrease in height above the respective first side surfaces towards the second end.

6. ~~A~~The hair iron in accordance with claim 5, wherein the arcuate shape of the longitudinal cross section of the second side surfaces decrease in size towards the second end such that the tapered end portion decreases in cross sectional size towards the second end.

7. ~~A~~The hair iron in accordance with ~~any one of the preceding claims~~ claim 6, wherein each of the heating plates extends along a portion of the length of the respective side member from a location adjacent the second end to a location between the second end and the first end.

8. ~~A~~The hair iron in accordance with ~~any one of the preceding claims~~ claim 7, wherein a heat control is provided to control the heat applied to the first and second heating plates.

9. ~~A~~The hair iron in accordance with claim 8, wherein the heat control comprises a dial located on the first side surface of the second side member such that a portion of the periphery thereof extends outwardly beyond the first longitudinal edges of the first and second side members.

10. ~~A~~The hair iron in accordance with ~~any one of the preceding claims~~ claim 9 further comprising:

a plurality of longitudinal corrugations provided on the first heating plate; and

a plurality of longitudinal corrugations provided on the second heating plate being complementary in shape to the corrugations on the first heating plate such that the first and second side members can be pivoted between a closed position in which the corrugations on the first heating plate engage with the corrugations on the second heating plate and an open position in which the first and second heating plates are separated to receive hair;

wherein moving the first and second side members to the closed position engages the section of hair between the first and second heating plates and crimps the hair adjacent the scalp to create volume.

11. ~~A~~The heating iron in accordance with claim 10, wherein the corrugations provided on the heating plates decrease in amplitude moving in a direction away from a first longitudinal edge towards a second longitudinal edge.

12. ~~A~~The hair iron in accordance with claim 11, wherein the corrugations define a generally square waveform decreasing in amplitude from the first longitudinal edge towards the second longitudinal edge.

13. ~~A~~The hair iron in accordance with ~~any one of~~ claim~~s~~ 1 ~~to 9~~, wherein upper surfaces of the first and second heating plates are flat to provide for straightening of hair engaged between the heating plates.

Claims

1. A hair iron comprising:

first and second side members pivotally connected adjacent first ends thereof;

a first heating plate provided on a first surface of the first side member; and

a second heating plate provided on a first surface of the second side member such that moving the first and second side members to a closed position engages a section of hair between the first and second heating plates;

wherein second ends of the first and second side members are tapered to aid separating the section of hair by sliding the hair iron longitudinally into the hair and wherein opposed first and second longitudinal edges of the first surfaces of the first and second side members are each curved such that the first longitudinal edges are concave in shape.

2. The hair iron in accordance with claim 1, wherein the curves in the first and second longitudinal edges extend from a location between the first and second ends of the first and second arm members to the second ends thereof.

3. The hair iron in accordance with claim 2, wherein the first and second longitudinal edges of the first and second arm members are parallel to each other from the first ends thereof to a location between the first and second ends thereof and wherein the curve of the second longitudinal edge is greater than that of the first longitudinal edge from said location between the first and second ends to the second end such that the first and second longitudinal edges approach each other to form a tapered end portion adjacent the second end.

4. The hair iron in accordance with claim 3, wherein the first and second side members each include a second side surface which is arcuate in transverse cross section such that each second side surface extends from the first longitudinal edge of the first side surface to the second longitudinal edge of the first side surface.

5. The hair iron in accordance with claim 4, wherein the second side surfaces of the first and second side members decrease in height above the respective first side surfaces towards the second end.

6. The hair iron in accordance with claim 5, wherein the arcuate shape of the longitudinal cross section of the second side surfaces decrease in size towards the second end such that the tapered end portion decreases in cross sectional size towards the second end.

7. The hair iron in accordance with claim 6, wherein each of the heating plates extends along a portion of the length of the respective side member from a location adjacent the second end to a location between the second end and the first end.

8. The hair iron in accordance with claim 7, wherein a heat control is provided to control the heat applied to the first and second heating plates.

9. The hair iron in accordance with claim 8, wherein the heat control comprises a dial located on the first side surface of the second side member such that a portion of the periphery thereof extends outwardly beyond the first longitudinal edges of the first and second side members.

10. The hair iron in accordance with claim 9 further comprising:
a plurality of longitudinal corrugations provided on the first heating plate; and
a plurality of longitudinal corrugations provided on the second heating plate being complementary in shape to the corrugations on the first heating plate such that the first and second side members can be pivoted between a closed position in which the corrugations on the first heating plate engage with the corrugations on the second heating plate and an open position in which the first and second heating plates are separated to receive hair;
wherein moving the first and second side members to the closed position engages the section of hair between the first and second heating plates and crimps the hair adjacent the scalp to create volume.

11. The heating iron in accordance with claim 10, wherein the corrugations provided on the heating plates decrease in amplitude moving in a direction away from a first longitudinal edge towards a second longitudinal edge.

12. The hair iron in accordance with claim 11, wherein the corrugations define a generally square waveform decreasing in amplitude from the first longitudinal edge towards the second longitudinal edge.

13. The hair iron in accordance with claim 1, wherein upper surfaces of the first and second heating plates are flat to provide for straightening of hair engaged between the heating plates.