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APPLICATION NUMBER: 15/252,935

FILING DATE: August 31, 2016

THE COUNTRY CODE AND NUMBER OF YOUR PRIORITY APPLICATION, TO BE USED FOR FILING ABROAD UNDER THE PARIS CONVENTION, IS US15/252,935

**By Authority of the
Under Secretary of Commerce for Intellectual Property
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Certifying Officer

Electronic Acknowledgement Receipt

EFS ID:	26802022
Application Number:	15252935
International Application Number:	
Confirmation Number:	6275
Title of Invention:	HEATED HAIR PADDLE
First Named Inventor/Applicant Name:	Simon Andrew Potts
Customer Number:	13025
Filer:	Joseph W. Schmidt/Suzanne Forlani
Filer Authorized By:	Joseph W. Schmidt
Attorney Docket Number:	1482/U (1327-688)
Receipt Date:	31-AUG-2016
Filing Date:	
Time Stamp:	15:28:29
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$1740
RAM confirmation Number	090116INTEFSW00001874502140
Deposit Account	502140
Authorized User	Suzanne Forlani
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	00959864.PDF	1823216	no	8
			1e3ec165092cd09d46d383f5adf5144e786c88b9		
Warnings:					
Information:					
2		00960039.PDF	144186	yes	13
			47224814ff2b174d16c4100b645f2260097fb5a6		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Specification		1	9	
	Claims		10	12	
	Abstract		13	13	
Warnings:					
Information:					
3	Drawings-only black and white line drawings	00960030.PDF	601028	no	5
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Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	36704	no	2
			60044f6e756ae23c119cf8de8d6b8da9288e34bc		
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Total Files Size (in bytes):			2605134		

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

HEATED HAIR PADDLE

BACKGROUND

1. Technical Field

[0001] The present disclosure relates to a hair styling apparatus, and, in particular, relates to a heated hair paddle having a novel bristle arrangement adapted to maximize exposure of the hair to heat, facilitate detanglement and massage the scalp.

2. Background of the Related Art

[0002] Various hair styling devices are commonly known in the art including hair brushes, combs and hair dryers. Examples of such hair styling devices are disclosed in commonly assigned U.S. Pat. Nos. 7,308,899 and Des. Patent Nos.: 508,777, 514,329 and 545,570, the entire contents of each disclosure being incorporated by reference herein.

SUMMARY

[0003] Accordingly, the present disclosure relates to further improvements in hair styling devices or brushes. In accordance with one embodiment, a heated hair paddle includes a brush head defining a central longitudinal x-axis extending along a length of the brush head, a y-axis orthogonal to the longitudinal x-axis extending along a width of the brush head, and a z-axis extending along a height of the brush head. A plurality of first bristles depends from the brush head. The first bristles have a dimension along the y-axis greater than a corresponding dimension along the x-axis to provide an increased surface area to contact a length of hair along the y-axis of each first bristle. The first bristles comprise a thermally conductive material. A plurality of second bristles depends from the brush head. The second bristles have a dimension

along the z-axis greater than a corresponding dimension along the z-axis of the first bristles to minimize the potential of contact of the scalp with the thermally conductive first bristles. A plurality of third bristles depends from the brush head. The third bristles are more rigid than the second bristles, and provide a gross straightening effect on the length of hair. A heater is thermally coupled to the first bristles to convey heat to the first bristles whereby the first bristles convey heat to a length of hair.

[0004] The first, second and third bristles each may be arranged to define a plurality of respective first, second and third rows extending along the longitudinal axis of the brush head. The first bristles may have one of an elliptical, oval or oblong cross-section. The first bristles may comprise aluminum, the second bristles may comprise silicone and the third bristles may comprise nylon.

[0005] The heated hair paddle may include an inner first row of the first bristles radial outward of each side of the central longitudinal axis, an inner second row of the second bristles radial outward of each of the inner first rows of the first bristles, an outer first row of the first bristles radial outward of each of the inner second row of the second bristles, an outer second row of the second bristles radial outward of each of the outer first rows of the first bristles, and an outer third row of the third bristles radial outward of each of the outer second rows of the second bristles.

[0006] The inner first rows of the first bristles on each side of the central longitudinal axis may be longitudinally displaced with respect to each other. The outer first rows of the first bristles on each side of the central longitudinal axis may be longitudinally displaced with respect to each other. In some embodiments, the inner first row of the first bristles is longitudinally

aligned with the outer first row of the first bristles on the opposed side of the central longitudinal axis.

[0007] The heated hair paddle may include a base to which the first rows of bristles are secured. The base may define a plurality of apertures for reception of the second bristles of the second rows. The base may comprise a thermally conductive material. The base and the first bristles of the first rows may be monolithically formed.

[0008] The heated hair paddle further may include an ion port extending through the base for directing charged ions to the hair.

[0009] The heated hair paddle of the present disclosure provides a novel bristle arrangement which establishes a large surface area for contacting the length of hair during grooming while also creating a serpentine path through which the length of hair must traverse thereby subjecting the hair to heat treatment for an extended period of time and thus enhancing the grooming effect.

[00010] Other advantages of the present disclosure will be appreciated by the following description.

BRIEF DESCRIPTION OF THE DRAWINGS

[00011] Various embodiments of the present disclosure are described hereinbelow with references to the drawings, wherein:

[00012] FIG. 1 is a perspective view of the heated hair paddle in accordance with the principles of the present disclosure;

[00013] FIG. 2 is an exploded perspective view of the heated hair paddle;

[00014] FIG. 3 is a top plan view of the heated hair paddle;

[00015] FIG. 4 is a cross-sectional view taken along the lines 4-4 of FIG. 3; and

[00016] FIGS. 5-6 are rear and frontal axial views respectively of the heated hair paddle.

DETAILED DESCRIPTION OF THE EMBODIMENT(S)

[00017] Referring now to the drawings wherein like reference numerals identify similar components throughout the several views, FIG. 1 illustrates the heated hair paddle 10 in accordance with the principles of the present disclosure. In this embodiment, the heated hair paddle 10 is a hair styling apparatus in the form of a hair brush or comb having the capability to apply heat and, optionally, a concentration of ions to a length of hair traversing the hair paddle 10.

[00018] The hair paddle 10 includes a handle 12 and a brush head 14 extending from the handle 12, which may be connected to, or integrally formed, with the handle 12. The handle 12 may define contoured outer surface(s) 16 to facilitate engagement by the user. The brush head 14 defines a central longitudinal x-axis extending along the length of the brush head 14, an orthogonal y-axis extending along the width of the brush head 14 and orthogonal to the x-axis, and a z-axis extending along the height of the brush head 14.

[00019] With reference to FIG. 2, in conjunction with FIG. 1, the hair paddle 10 includes housing half sections 18 which are coupled to each other to define the handle 12 and the brush head 14. The housing half sections 18 may be connected with the use of fasteners, screws or the like. The hair paddle 10 further includes three bristle components, namely, a first bristle component 20, a second bristle component 22 and a third bristle component 24. The bristle components 20, 22 and 24 cooperate to style and apply heat to a length of hair as will be discussed in greater detail hereinbelow. The hair paddle 10 further includes an ion generator 26

having a pair of ion ports 28 for distribution of a concentration of ions to the length of hair, and a heater 30. The hair paddle 10 further includes a circuit board 32 having software and/or logic to control operation of the hair paddle 10. One or more switches 34 may be mounted to the handle 12 to control operation of the components of the hair paddle 10 including the ion generator 26 and the heater 30. An electrical cord "e" (FIG. 1) is coupled to the handle 12 and is an electrical communication with the circuit board 32 to power the components of the hair paddle 10.

Alternatively, or optionally, the hair paddle 10 may include a battery, e.g., a rechargeable battery, to power the components of the hair paddle 10.

[00020] With reference to FIGS. 3-4, in conjunction with FIG. 2, the first bristle component 20 includes a first base 36 and four sets of first bristles 38 extending outwardly from the first base 36 and arranged longitudinally along linear rows, e.g., four linear rows, with respect to the central longitudinal axis x. The first base 36 is in thermal communication with the heater 30 and communicates thermal energy to the first bristles 38. In one embodiment, the first base 36 and the first bristles 38 are monolithically formed of a thermally conductive material such as aluminum or steel. The first bristles 38 each define a dimension along the orthogonal y-axis which is greater than the dimension along the central longitudinal x-axis. For example, the first bristles 38 may define a generally elliptical, oblong or oval configuration in cross-section which gradually tapers or narrows in dimension away from the brush head 14. (FIG. 4) The elliptical, oblong or oval configuration increases the surface area which contacts the length of hair as the brush head 14 passes through the length of hair. In addition, the first bristles 38 are in thermal communication with the heater 30 through the first base 36 to distribute heat to the length of hair. Two spaced rows of the first bristles 38 are on one side of the central longitudinal axis x, e.g., on the left side of the central longitudinal axis x, and two spaced rows of the first

bristles 38 are disposed on the other side of the central longitudinal axis x, e.g., on the right side of the central longitudinal axis x. Thus, the arrangement defines inner first rows 40i of the first bristles 38 on the left and right sides of the central longitudinal axis x and outer first rows 40o of the first bristles 38 on the left and right sides of the central longitudinal axis x. FIGS. 5-6 illustrate the arrangement of the inner first rows 40i and the outer first rows 40o.

[00021] As best depicted in FIG. 3, the inner first rows 40i are misaligned or longitudinally displaced with respect to each other and the outer first rows 40o are misaligned or longitudinally displaced with respect to each other; however, the inner first row 40i on the left side of the central longitudinal axis x is longitudinally aligned with the outer first row 40o on the right side of the central longitudinal axis x, and the inner first row 40i on the right side of the central longitudinal axis x is longitudinally aligned with the outer first row 40o on the left side of the central longitudinal axis x. This arrangement facilitates the brushing/combining effect on hair by causing the length of hair to pass through the serpentine path defined by the alternating displaced and aligned sets of first bristles 38 while also subjecting the length of hair to heat for a greater duration of time thereby also enhancing the grooming effect on the length of hair.

[00022] Referring to FIGS. 2-4, the second bristle component 22 includes a second base 42 and four sets of second bristles 44 extending outwardly from the second base 42 and arranged along linear rows, e.g., four linear rows extending along the central longitudinal axis x. The second bristles 44 each define a dimension along the z-axis which is greater than the corresponding dimension of the first bristles 38 along the z-axis. Thus, the second bristles 44 are configured to prevent the heated first bristles 38 from contacting the scalp of the subject. The second bristles 44 are more flexible than the first bristles 38, and are capable of flexing in a manner which prevents tangling while aligning and grooming the length of hair. In

embodiments, the second bristles 44 define a circular cross-sectional dimension and may gradually taper away from the brush head 14 to define a conical tip segment 44t. The second bristles 44 of the second bristle component 22 extend through correspondingly dimensioned and positioned apertures 46 of the first base 36 of the first bristle component 20. (FIG. 2)

[00023] As best depicted in FIGS. 3, 5 and 6, two spaced rows of the second bristles 44 are on one side of the central longitudinal axis x, e.g., on the left side of the central longitudinal axis x and two spaced rows of the second bristles 44 are disposed on the other side of the central longitudinal axis x, e.g., on the right side of the central longitudinal axis x. Thus, the arrangement defines inner second rows 48i of the second bristles 44 on the left and right sides of the central longitudinal axis x and disposed between the inner and outer first rows 40i, 40o of the first bristles 38, and outer second rows 48o of the second bristles 44 on the left and right sides of the central longitudinal axis x and disposed radial outward of the outer first rows 40o of the first bristles 38. The inner and outer second rows 48i, 48o are each longitudinally aligned with each other.

[00024] The third bristle component 24 includes two rows of third bristles 50 disposed radially outward of the first and second rows of the first and second bristles 38, 44, e.g., along the outer edges of the brush head 14. One row 52 is on the left side of the central longitudinal axis x and the other row 52 is on the right side. As best depicted in FIG. 2, each row depends from a base 54 with the third bristles 50 extending through apertures 56 within the housing half section 18. The third bristles 50 may be circular in cross-section and include a bulbous tip 50b. The third bristles 50 are fabricated from a rigid polymeric material and have a smaller cross-section or diameter than the second bristles 44. These characteristics allow the third bristles 50

to more effectively and aggressively part the hair to initiate and ease passing of the first and second bristles 38, 44.

[00025] With reference now to FIG. 7, during application in grooming a subject's hair, strands "h" of the length of hair are initially engaged by the third bristles 50 which, due to at least in part to their rigidity, perform a gross straightening effect on the hair. As the strands "h" of hair passes across the brush head 14, the second flexible bristles 44 minimize entanglement, and guide the strands of hair through the first bristles 38. As noted above, the enlarged elliptical, oblong or oval configuration, in conjunction with the serpentine path, provided by the first bristles 38, establishes a large surface area contacting the strands "h" of hair while increasing the duration of time to which the length of hair is subjected to heat. In addition, the ion ports 28 direct charged particles into the length of hair to restore balance, create a shiny appearance, and further smooth the hair.

[00026] Any of the first, second and third bristles 38, 44, 50 may have a hair treatment solutions or coating including, but not limited to, Argan oil, moisturizers, hydration agents, penetration agents, preservatives, emulsifiers, natural or synthetic oils, solvents, surfactants, detergents, gelling agents, emollients, antioxidants, fragrances, fillers, thickeners, waxes, odor absorbers, dyestuffs, coloring agents, powders, viscosity-controlling agents, buffers, protectants, pH regulators, chelating agents, humectants, conditioners, glitter, mica, minerals, silicones, polyphenols, sunblocks, phytomedicinals, and combinations thereof, as well as other additives typically used in hair care products as appreciated by those skilled in the art.

[00027] Although the illustrative embodiments of the present disclosure have been described herein with reference to the accompanying drawings, the above description, disclosure, and figures should not be construed as limiting, but merely as exemplifications of particular

embodiments. It is to be understood, therefore, that the disclosure is not limited to those precise embodiments, and that various other changes and modifications may be effected therein by one skilled in the art without departing from the scope or spirit of the disclosure.

WHAT IS CLAIMED IS:

1. A heated hair paddle, which comprises:
a brush head defining a central longitudinal x-axis extending along a length of the brush head, a y-axis orthogonal to the longitudinal x-axis extending along a width of the brush head and a z-axis extending along a height of the brush head;
a plurality of first bristles depending from the brush head, the first bristles having a dimension along the y-axis greater than a corresponding dimension along the x-axis to provide an increased surface area along the y-axis of each first bristle, the first bristles comprising a thermally conductive material;
a plurality of second bristles depending from the brush head, the second bristles having a dimension along the z-axis greater than a corresponding dimension along the x-axis of the first bristles;
a plurality of third bristles depending from the brush head, the third bristles being more rigid than the second bristles; and
a heater thermally coupled to the first bristles to convey heat to the first bristles whereby the first bristles convey heat to a length of hair.
2. The heated hair paddle according to claim 1 wherein the first, second and third bristles are each arranged to define a plurality of respective first, second and third rows extending along the longitudinal axis of the brush head.
3. The heated hair paddle according to claim 2 wherein the first bristles have one of an elliptical, oval or oblong cross-section.
4. The heated hair paddle according to claim 3 wherein the first bristles comprise aluminum, the second bristles comprise silicone and the third bristles comprise nylon.

5. The heated hair paddle according to claim 2 including:

an inner first row of the first bristles radial outward of each side of the central longitudinal axis, an inner second row of the second bristles radial outward of each of the inner first rows of the first bristles, an outer first row of the first bristles radial outward of each of the inner second row of the second bristles, an outer second row of the second bristles radial outward of each of the outer first rows of the first bristles, and an outer third row of the third bristles radial outward of each of the outer second rows of the second bristles.

6. The heated hair paddle according to claim 5 wherein the inner first rows of the first bristles on each side of the central longitudinal axis are longitudinally displaced with respect to each other.

7. The heated hair paddle according to claim 6 wherein the outer first rows of the first bristles on each side of the central longitudinal axis are longitudinally displaced with respect to each other.

8. The heated hair paddle according to claim 7 wherein the inner first row of the first bristles is longitudinally aligned with the outer first row of the first bristles on the opposed side of the central longitudinal axis.

9. The heated hair paddle according to claim 5 including a base to which the first rows of bristles are secured, the base defining a plurality of apertures for reception of the second bristles of the second rows.

10. The heated hair paddle according to claim 9 wherein the base comprises a thermally conductive material.

11. The heated hair paddle according to claim 10 wherein the base and the first bristles of the first rows are monolithically formed.

12. The heated hair paddle according to claim 5 including an ion port
extending through the base for directing charged ions to the hair.

ABSTRACT

[00028] A heated hair paddle includes a novel bristle arrangement which establishes a large surface area for contacting the length of hair during grooming while also creating a serpentine path through which the length of hair must traverse thereby enhancing the grooming effect on the hair.

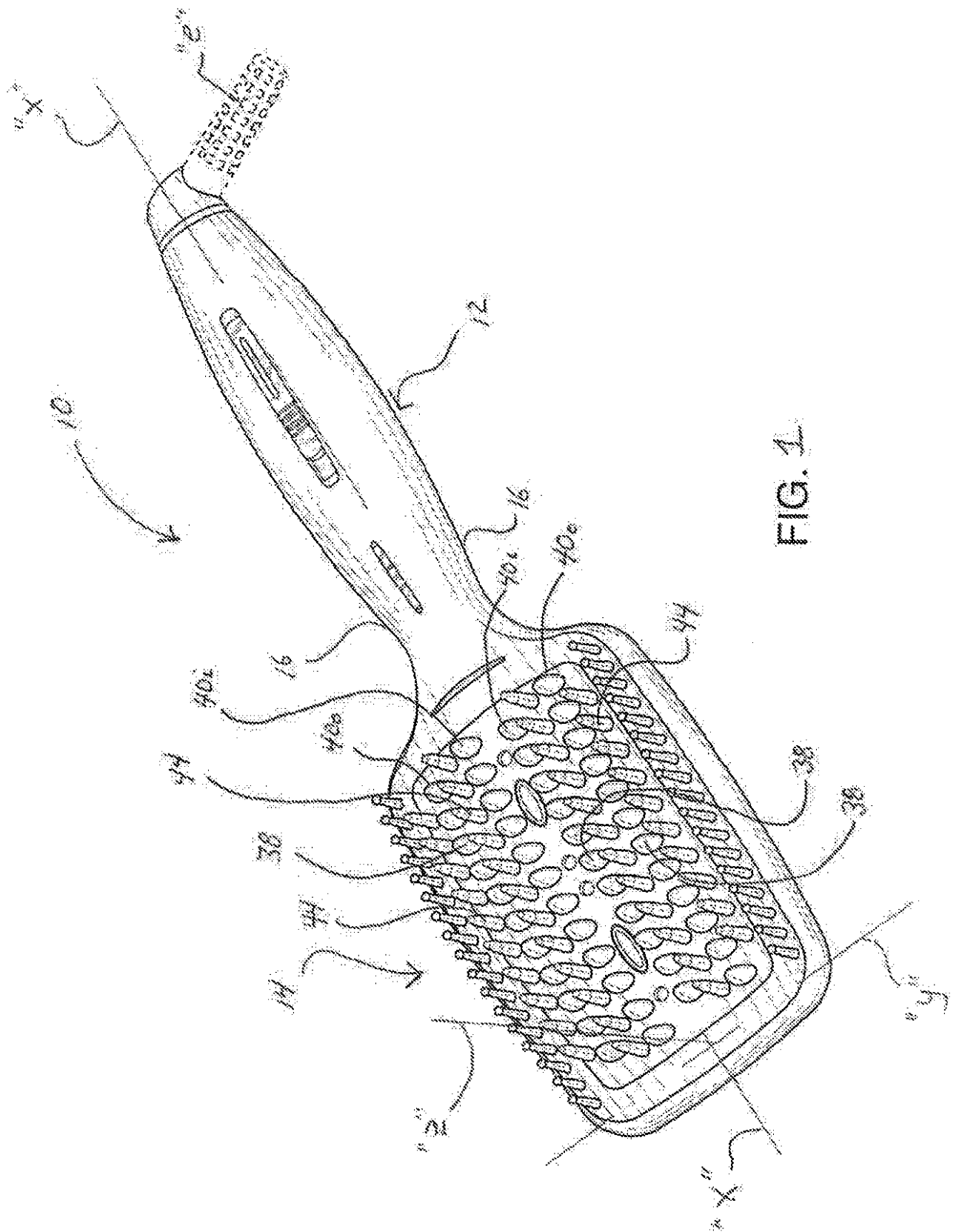
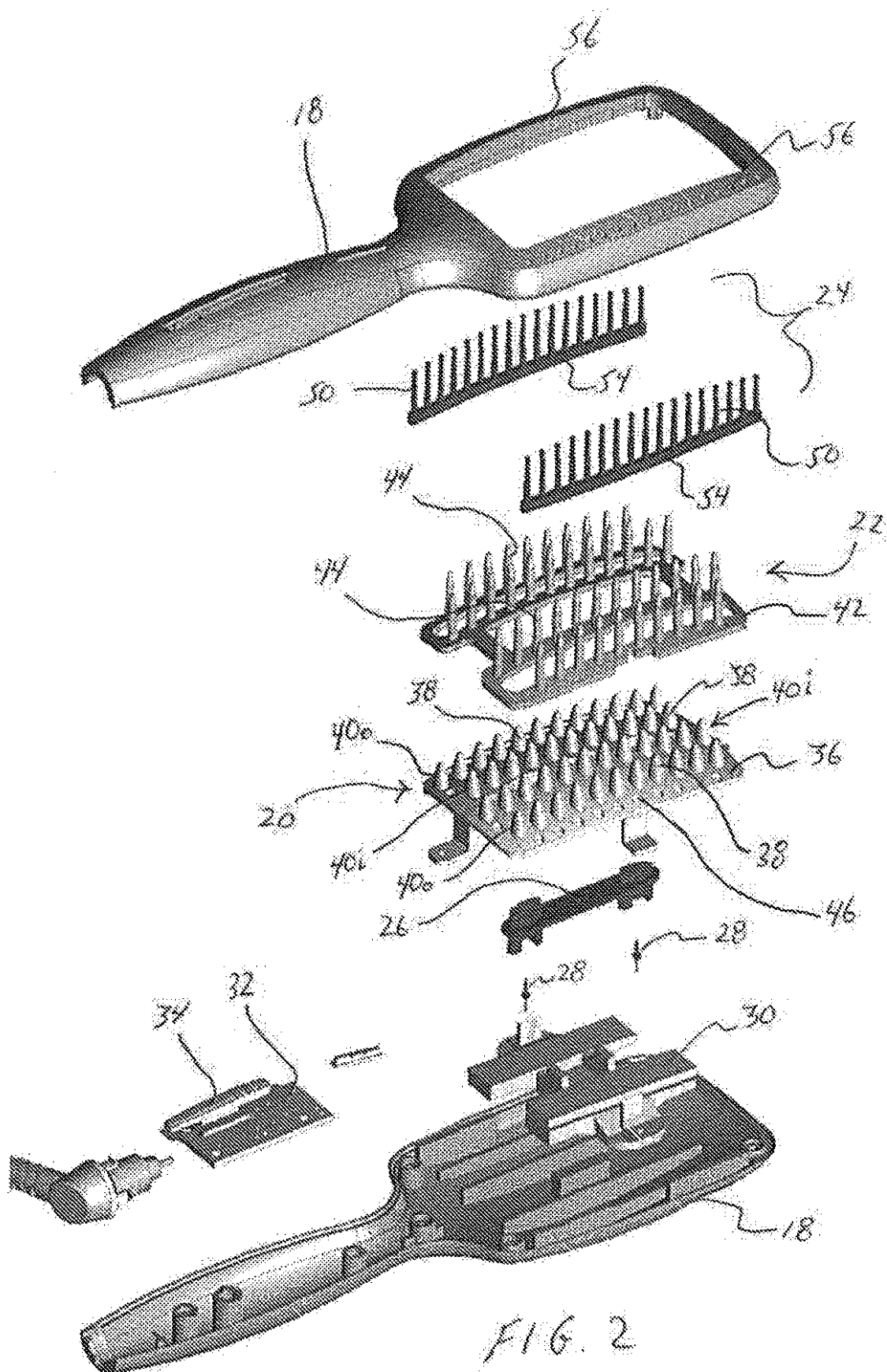
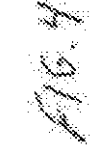
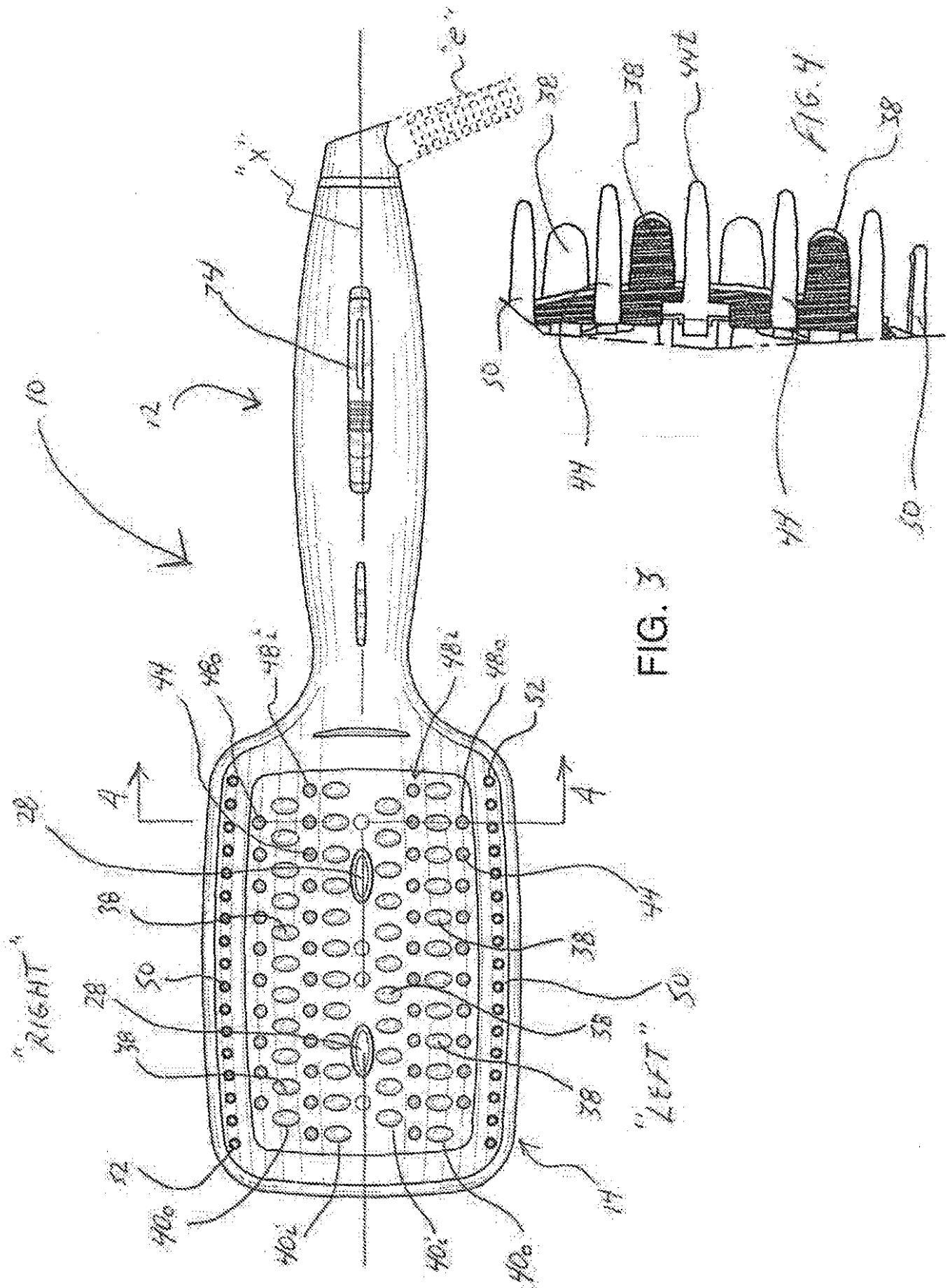


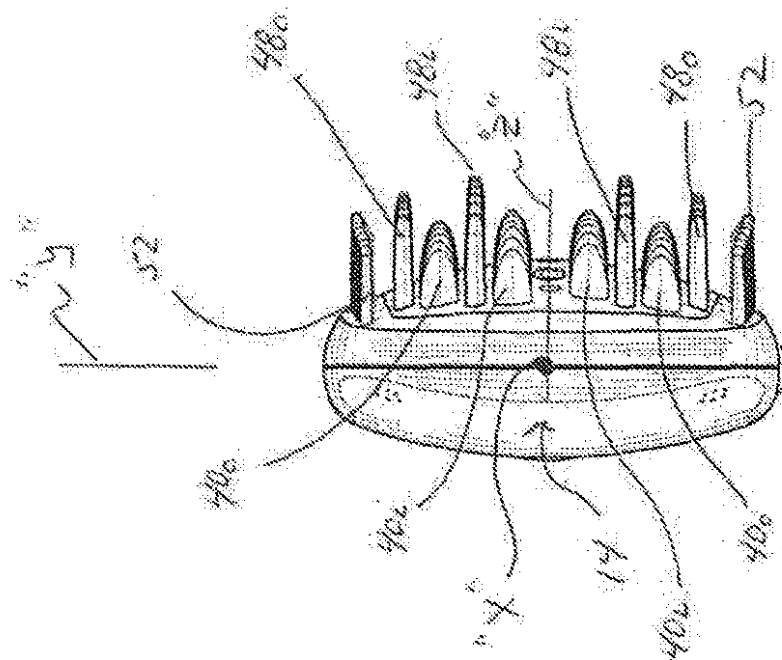
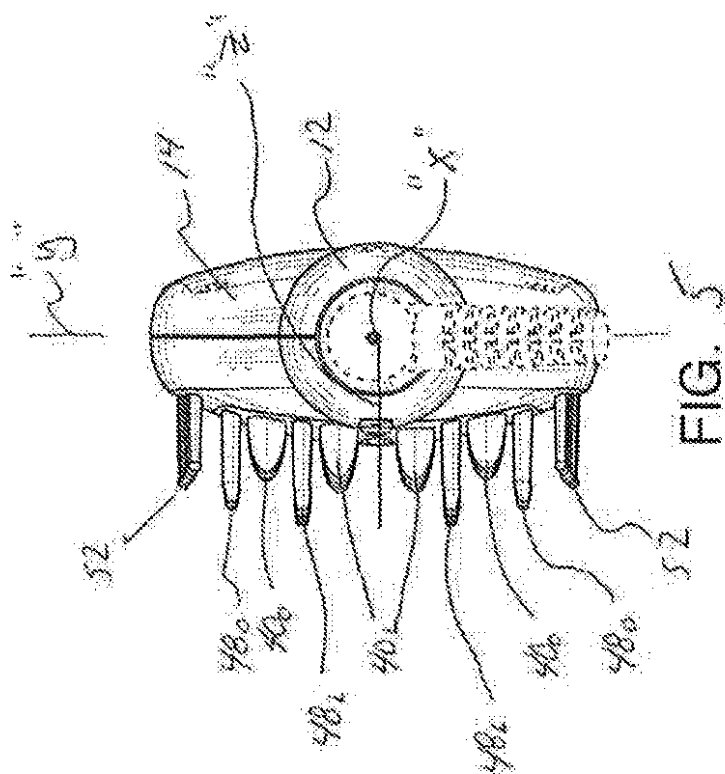
FIG. 1

215





4/5



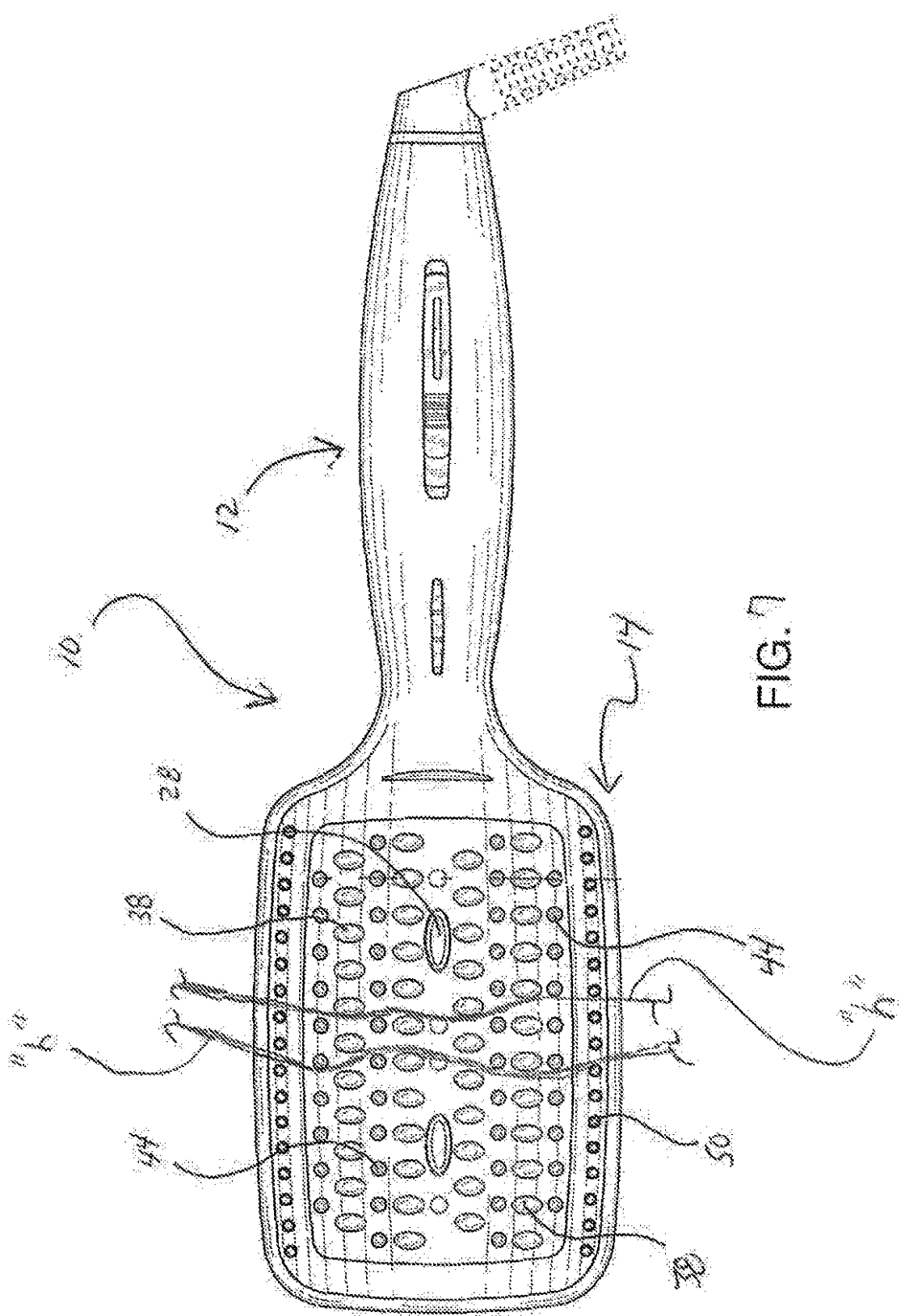


FIG. 7

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1482/U (1327-688)
		Application Number	
Title of Invention	HEATED HAIR PADDLE		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor	1				Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Simon	Andrew	Potts		
Residence Information (Select One) US Residency • Non US Residency Active US Military Service					
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Address 2					
City	Berkshire		State/Province		
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Inventor	2				Remove
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	Virginia	Louise	Hicks		
Residence Information (Select One) US Residency • Non US Residency Active US Military Service					
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All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1482/U (1327-688)
		Application Number	
Title of Invention	HEATED HAIR PADDLE		

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ An Address is being provided for the correspondence information of this application.

Customer Number	13025		
Email Address	lawrence_cruz@conair.com	Add Email	Remove Email
Email Address	docket@cdfslaw.com	Add Email	Remove Email

Application Information:

Title of the Invention	HEATED HAIR PADDLE		
Attorney Docket Number	1482/U (1327-688)	Small Entity Status Claimed	☐
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	5	Suggested Figure for Publication (if any)	3

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 11.9)
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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1482/U (1327-688)
		Application Number	
Title of Invention	HEATED HAIR PADDLE		
Customer Number	13025		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78. When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status		Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)
Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.			
Add			

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)¹ the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Number	Country ¹	Filing Date (YYYY-MM-DD)	Access Code ¹ (if applicable)
Additional Foreign Priority Data may be generated within this form by selecting the Add button.			
Add			

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1482/U (1327-688)
		Application Number	
Title of Invention	HEATED HAIR PADDLE		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1482/U (1327-688)
		Application Number	
Title of Invention	HEATED HAIR PADDLE		

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.			
Applicant	1	<button>Remove</button>	
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.			
		<button>Clear</button>	
☒ Assignee	Legal Representative under 35 U.S.C. 117		Joint Inventor
Person to whom the inventor is obligated to assign.		Person who shows sufficient proprietary interest	
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:			
Name of the Deceased or Legally Incapacitated Inventor:			
If the Applicant is an Organization check here. ☒			
Organization Name	BABYLISS FACO SPRL		
Mailing Address Information For Applicant:			
Address 1	Avenue de l'Independance 25		
Address 2			
City	Wandre	State/Province	
Country	BE	Postal Code	4020
Phone Number		Fax Number	
Email Address	lawrence_cruz@conair.com		
Additional Applicant Data may be generated within this form by selecting the Add button.			
<button>Add</button>			

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1482/U (1327-688)
		Application Number	
Title of Invention	HEATED HAIR PADDLE		

Assignee	1			
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
				Remove
If the Assignee or Non-Applicant Assignee is an Organization check here. ☐				
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country i		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				Add

Signature:

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the **INITIAL** filing of the application and either box A or B is **not** checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Joseph W. Schmidt/		Date (YYYY-MM-DD)	2016-08-31	
First Name	Joseph	Last Name	Schmidt	Registration Number	36920
Additional Signature may be generated within this form by selecting the Add button.					Add

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	1482/U (1327-688)
		Application Number	
Title of Invention	HEATED HAIR PADDLE		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.