



US00D812911S

(12) **United States Design Patent** (10) **Patent No.:** **US D812,911 S**
Bloch et al. (45) **Date of Patent:** **** Mar. 20, 2018**

(54) **HEAD PORTION OF A TOOTHBRUSH**

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(**) Term: **15 Years**

(21) Appl. No.: **29/586,364**

(22) Filed: **Dec. 2, 2016**

Related U.S. Application Data

(62) Division of application No. 29/477,158, filed on Dec. 19, 2013, now Pat. No. Des. 776,435.

(51) **LOC (11) Cl.** **04-02**

(52) **U.S. Cl.**
USPC **D4/101**

(58) **Field of Classification Search**

USPC D1/106, 199; D4/100–104, 108–111,
D4/127, 128, 132–136, 138, 199;
D24/119, 146, 180; D30/158, 159
CPC A46B 5/00; A46B 2200/1066; A46B
2200/1073; A46B 2200/1086
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,277,862 A 7/1981 Vowles
D353,490 S 12/1994 Hartwein
5,448,792 A 9/1995 Wiedemann et al.
5,453,644 A 9/1995 Yap et al.
5,577,285 A 11/1996 Drossler
5,778,474 A 7/1998 Shek
D411,769 S 7/1999 Wright
6,000,083 A 12/1999 Blaustein et al.

6,151,745 A 11/2000 Roberts et al.
6,189,693 B1 2/2001 Blaustein et al.
6,311,358 B1 11/2001 Soetewey et al.
D458,029 S 6/2002 Li
D470,660 S 2/2003 Schaber

(Continued)

FOREIGN PATENT DOCUMENTS

CA 2145065 11/2002
CA 2727682 5/2003

(Continued)

OTHER PUBLICATIONS

US 6,598,254, 07/2003, Blaustein et al. (withdrawn)

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(57) **CLAIM**

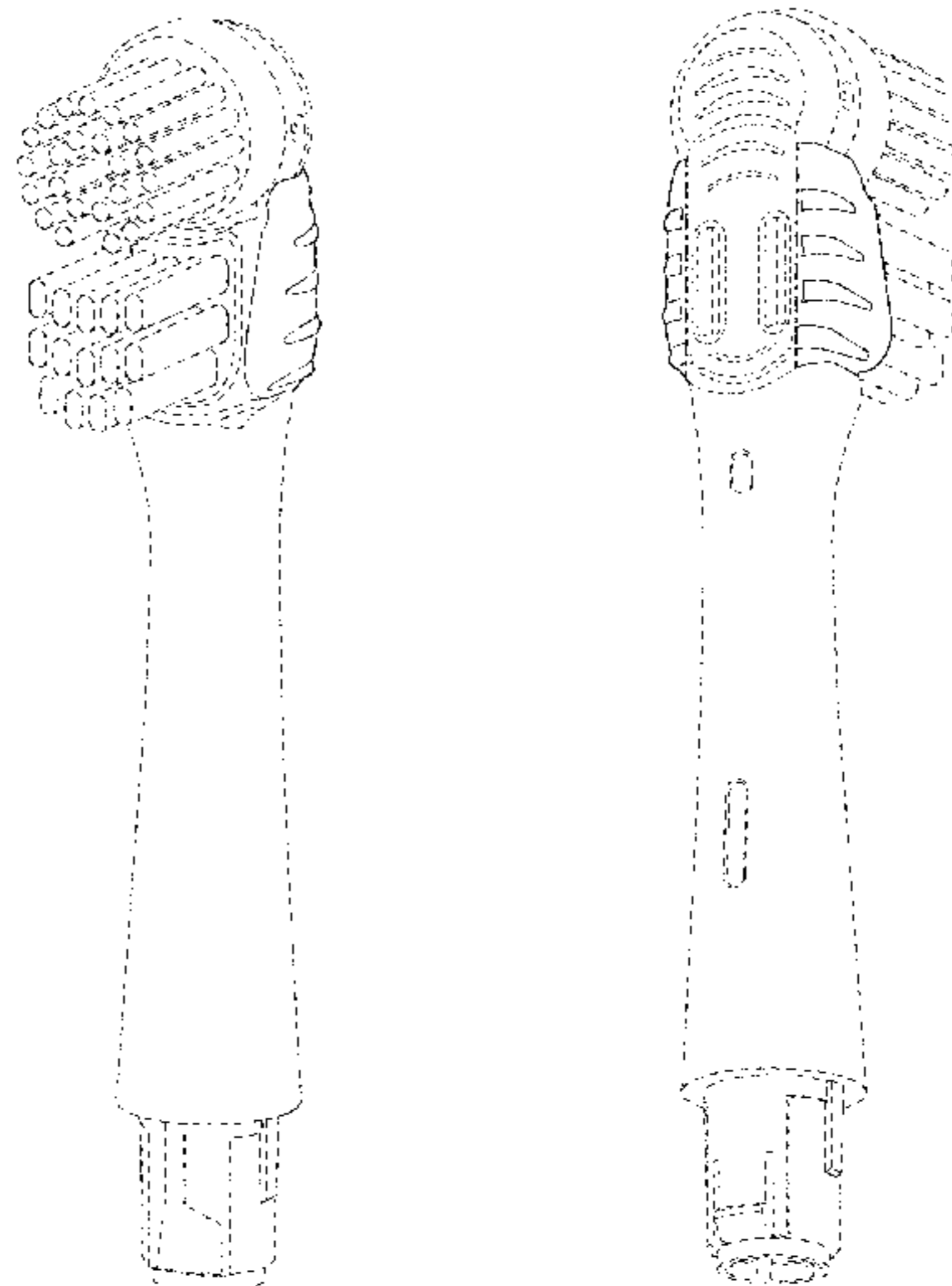
The ornamental design for a head portion of a toothbrush, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a head portion of a toothbrush according to the new design; FIG. 2 is a rear perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a left side view thereof; FIG. 7 is a top view thereof; and, FIG. 8 is a bottom view thereof.

The broken lines formed by linear segments of equal length are provided for environment only and form no part of the claimed design. The broken lines formed by a dash-dot-dash sequence represent a boundary between claimed and unclaimed subject matter and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,574,820 B1 6/2003 DePuydt et al.
 D480,563 S 10/2003 Hensel
 D487,349 S 3/2004 Julian
 6,725,490 B2 4/2004 Blaustein et al.
 D500,208 S 12/2004 Vu
 D503,852 S 4/2005 Hensel
 6,886,207 B1 5/2005 Solanki
 D510,662 S 10/2005 Kling et al.
 6,952,854 B2 10/2005 Blaustein et al.
 D512,224 S 12/2005 Crossman et al.
 6,988,777 B2 1/2006 Pfenniger et al.
 D527,903 S 9/2006 Chan
 7,124,461 B2 10/2006 Blaustein et al.
 D534,725 S 1/2007 Vu
 D536,876 S 2/2007 Chan et al.
 7,197,784 B2 4/2007 Wong
 D547,051 S 7/2007 Kirk et al.
 7,269,872 B2 9/2007 Fattori et al.
 D559,546 S * 1/2008 Wong D4/104
 D563,106 S 3/2008 Chan et al.
 D575,064 S 8/2008 Wong
 D576,797 S 9/2008 Moskovich
 D577,198 S 9/2008 Jimenez et al.
 D581,165 S 11/2008 Moskovich
 D581,166 S 11/2008 Moskovich
 D581,167 S 11/2008 Moskovich
 7,451,514 B2 11/2008 Blaustein et al.
 D582,163 S 12/2008 Moskovich
 7,458,647 B2 12/2008 Fischer et al.
 D585,198 S 1/2009 Moskovich
 D603,170 S 11/2009 Wong
 D611,712 S 3/2010 Stoerkel et al.
 7,707,676 B2 5/2010 Solanki
 D625,104 S 10/2010 Winkler
 D625,105 S 10/2010 Winkler
 D628,389 S * 12/2010 Ravindran D4/108
 D632,894 S 2/2011 Shigeno et al.
 7,941,886 B2 5/2011 Chenvainu et al.
 D640,469 S 6/2011 Nanda
 7,975,344 B2 7/2011 Braun et al.
 D642,803 S 8/2011 Baertschi et al.
 7,992,244 B2 8/2011 Prineppi
 8,060,970 B2 11/2011 Solanki
 D651,805 S 1/2012 Hay et al.
 D653,035 S 1/2012 Gebski
 D655,916 S 3/2012 Bartschi et al.
 D660,004 S 5/2012 Knutzen et al.
 8,234,742 B2 8/2012 Blaustein et al.
 D669,687 S 10/2012 Heil et al.
 D671,746 S 12/2012 Lee
 8,332,982 B2 12/2012 Braun et al.
 8,332,985 B2 12/2012 Solanki
 D673,775 S 1/2013 Jimenez et al.
 D676,662 S 2/2013 Jimenez et al.
 8,370,984 B2 2/2013 Farrell et al.
 8,418,301 B2 4/2013 Kressner
 8,434,183 B2 5/2013 Fritsch et al.
 8,468,634 B2 6/2013 Iwahori et al.
 8,528,148 B2 9/2013 Brown, Jr. et al.
 8,584,299 B2 11/2013 Chan et al.
 D697,311 S 1/2014 Herr et al.
 2002/0084550 A1 7/2002 Roberts et al.
 2003/0084524 A1 5/2003 Blaustein et al.
 2004/0087882 A1 5/2004 Roberts et al.
 2004/0177458 A1 9/2004 Chan et al.
 2004/0200016 A1 10/2004 Chan et al.
 2005/0036821 A1 * 2/2005 Pfenniger A46B 15/0055
 401/123
 2005/0086753 A1 4/2005 Roberts et al.
 2006/0085931 A1 4/2006 Roberts et al.
 2006/0101599 A1 * 5/2006 Lane A46B 15/0055
 15/113
 2006/0129171 A1 * 6/2006 Moskovich A46B 15/0055
 606/161
 2007/0234496 A1 10/2007 Roberts et al.

2008/0147104 A1 * 6/2008 Gatzemeyer A46B 15/0055
 606/161
 2008/0189888 A1 * 8/2008 Hohlbein A46B 15/0032
 15/106
 2010/0251493 A1 10/2010 Sale et al.
 2011/0047729 A1 3/2011 Iwahori et al.
 2011/0083288 A1 4/2011 Kressner
 2011/0152909 A1 * 6/2011 Jimenez A61B 17/244
 606/161
 2011/0289699 A1 * 12/2011 Schaefer A46B 15/0002
 15/4
 2012/0036655 A1 2/2012 Fritsch et al.
 2012/0204365 A1 8/2012 Kressner
 2012/0246846 A1 10/2012 Hall

FOREIGN PATENT DOCUMENTS

CA 2727867 5/2003
 CA D106400 6/2004
 CA D106401 6/2004
 CA 2644300 11/2004
 CA D103743 1/2005
 CA 2221796 5/2005
 CA 2374479 12/2005
 CA D111559 7/2006
 CA 2199970 5/2007
 CA 2634392 6/2007
 CA 2649473 11/2007
 CA 2803801 8/2008
 CA 2550728 10/2008
 CA 2465486 1/2009
 CA 2465488 1/2009
 CA D121892 1/2009
 CA D121894 1/2009
 CA 2532727 2/2009
 CA 2494755 5/2009
 CA 2523180 7/2009
 CA 2462435 10/2009
 CA 2477314 10/2009
 CA 2591699 11/2009
 CA 2742912 5/2010
 CA 2755997 9/2010
 CA 2760067 10/2010
 CA 2766373 12/2010
 CA 2497733 2/2011
 CA 2465902 5/2011
 CA 2579039 5/2011
 CA 2589607 5/2011
 CA 2644304 6/2011
 CA 2781242 6/2011
 CA 2781245 6/2011
 CA 2518405 7/2011
 CA D140845 1/2012
 CA D140847 1/2012
 CA D142396 1/2012
 CA 2479945 8/2012
 CA 2521848 8/2012
 CA 2514911 11/2012
 CA 2781418 12/2012
 CA D135253 12/2012
 CA 2548425 1/2013
 CA 2549461 2/2013
 CA 2759094 4/2013
 CN 1424001 6/2003
 CN 2636836 9/2004
 CN 1548011 11/2004
 CN 2652351 11/2004
 CN 1568901 1/2005
 CN 201042465 4/2008
 CN 300909803 4/2009
 CN 300966813 7/2009
 CN 201370645 12/2009
 CN 301354565 S 9/2010
 CN 201727600 2/2011
 CN 201727601 2/2011
 CN 301548727 S 5/2011
 CN 301555643 S 5/2011
 CN 201870760 6/2011

(56)

References Cited

FOREIGN PATENT DOCUMENTS

CN	202113181	1/2012
EM	000037007-0001	10/2003
EM	000065255-0001	11/2003
EM	000065255-0002	11/2003
EM	000065255-0003	11/2003
EM	000101076-0001	2/2004
EM	000101076-0002	2/2004
EM	000774484-0003	1/2008
EM	001127815-0001	6/2009
EM	001775412-0001	3/2012
EM	002078147-0001	7/2012
EM	002163675-0001	1/2013
EM	002174730-0001	1/2013
EM	002174730-0002	1/2013
EP	0360766	3/1990
EP	0628291	12/1994
EP	1093770	4/2001
EP	2289463	3/2011
EP	1776893	1/2013
EP	1485039	2/2013
EP	1641602	3/2013
EP	2092845	3/2013
EP	2111181	3/2013
EP	2441159	3/2013
GB	395624	7/1933
GB	2303855	3/1997
RU	57329	8/2005
RU	57797	9/2005
RU	68516	12/2008
RU	69783	4/2009
RU	74165	3/2010
RU	75350	7/2010
RU	75625	7/2010
WO	WO 96/31171	10/1996
WO	WO 96/37164	11/1996

WO	WO 98/01083	1/1998
WO	WO 99/37181	7/1999
WO	WO 00/44259	8/2000
WO	WO 01/19281	3/2001
WO	WO 01/28452	4/2001
WO	WO 03/017861	3/2003
WO	WO 03/024353	3/2003
WO	WO 03/039393	5/2003
WO	WO 03/039396	5/2003
WO	WO 03/039397	5/2003
WO	WO 03/055351	7/2003
WO	WO 03/075712	9/2003
WO	WO 2004/045448	6/2004
WO	WO 2004/056235	7/2004
WO	WO 2004/080330	9/2004
WO	WO 2004/091340	10/2004
WO	WO 2004/093719	11/2004
WO	WO 2005/009274	2/2005
WO	WO 2005/032398	4/2005
WO	WO 2005/063143	7/2005
WO	WO 2005/063144	7/2005
WO	WO 2005/115196	12/2005
WO	WO 2006/029235	3/2006
WO	WO 2006/063226	6/2006
WO	WO 2008/029377	3/2008
WO	WO 2010/023644	3/2010
WO	WO 2010/025820	3/2010
WO	WO 2010/051080	5/2010
WO	WO 2010/106522	9/2010
WO	WO 2010/113140	10/2010
WO	WO 2010/143166	12/2010
WO	WO 2010/151582	12/2010
WO	WO 2011/072865	6/2011
WO	WO 2011/077290	6/2011
WO	WO 2011/116935	9/2011
WO	WO 2012/030908	3/2012
WO	WO 2012/042493	4/2012
WO	WO 2013/021716	2/2013

* cited by examiner

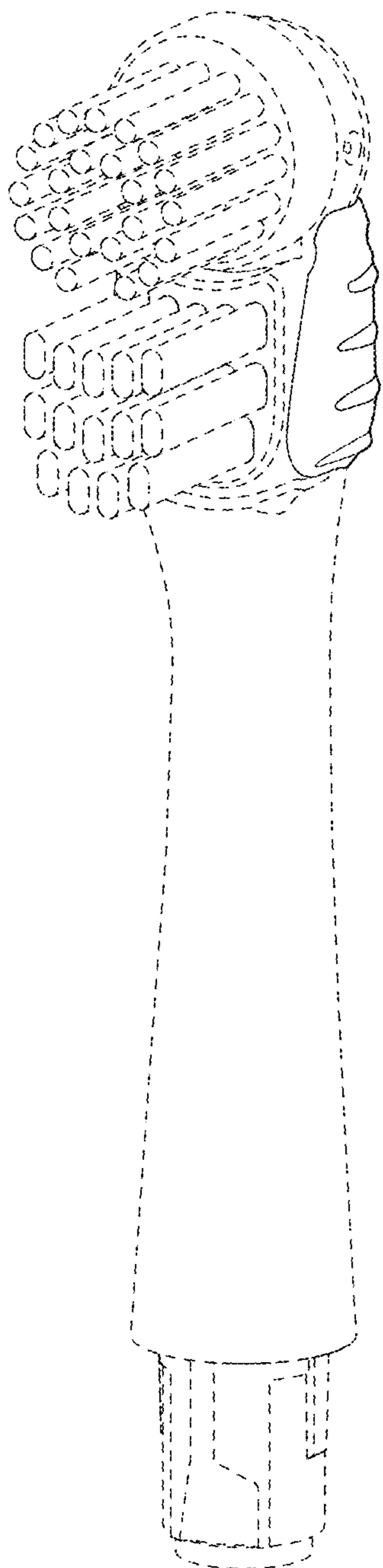


FIG. 1

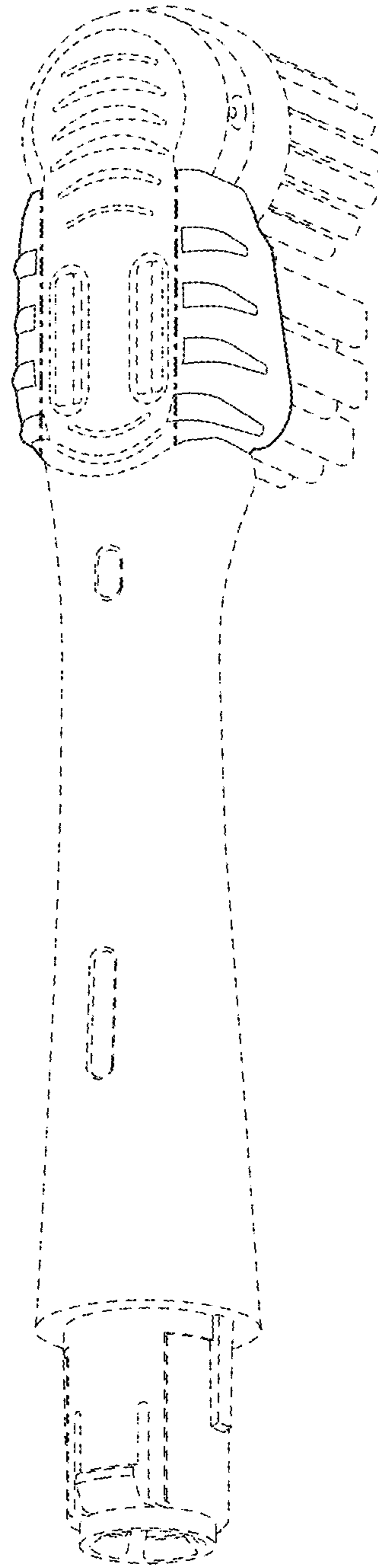


FIG. 2

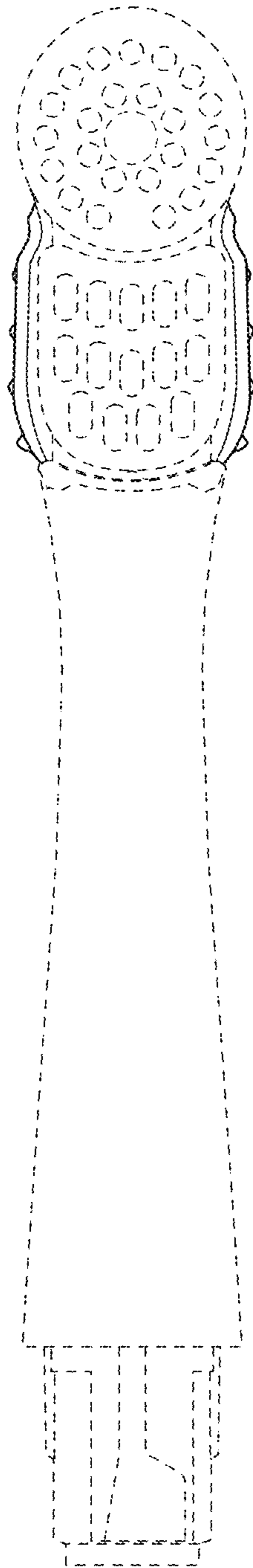


FIG. 3

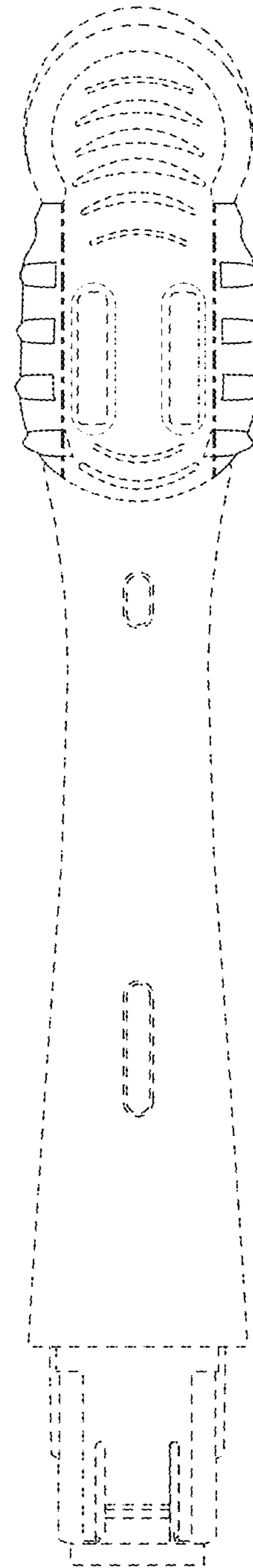


FIG. 4

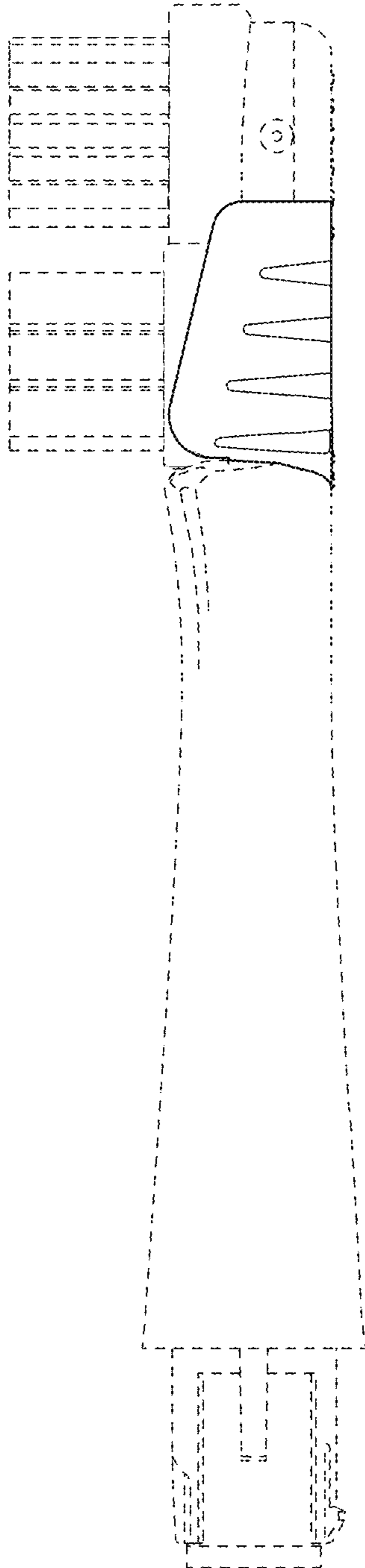


FIG. 5

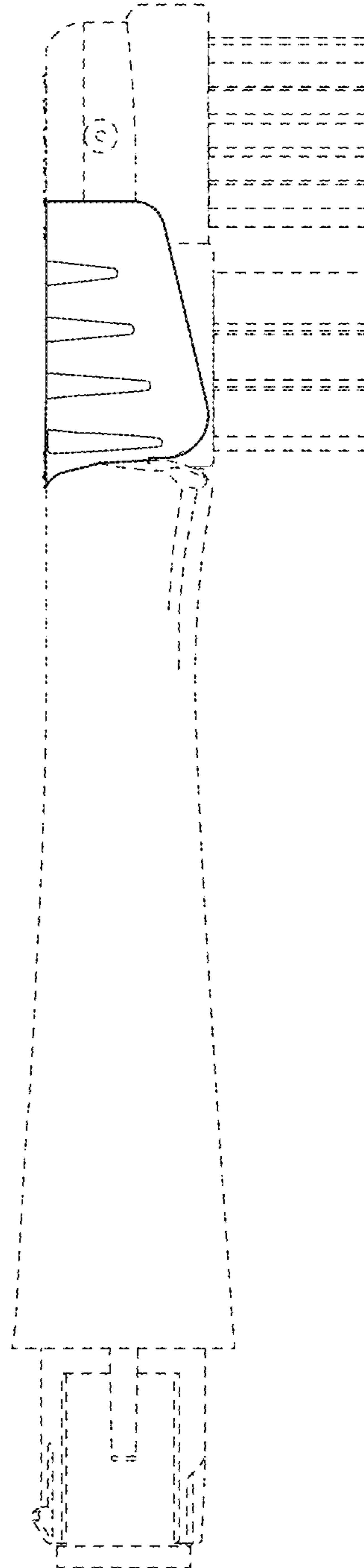


FIG. 6

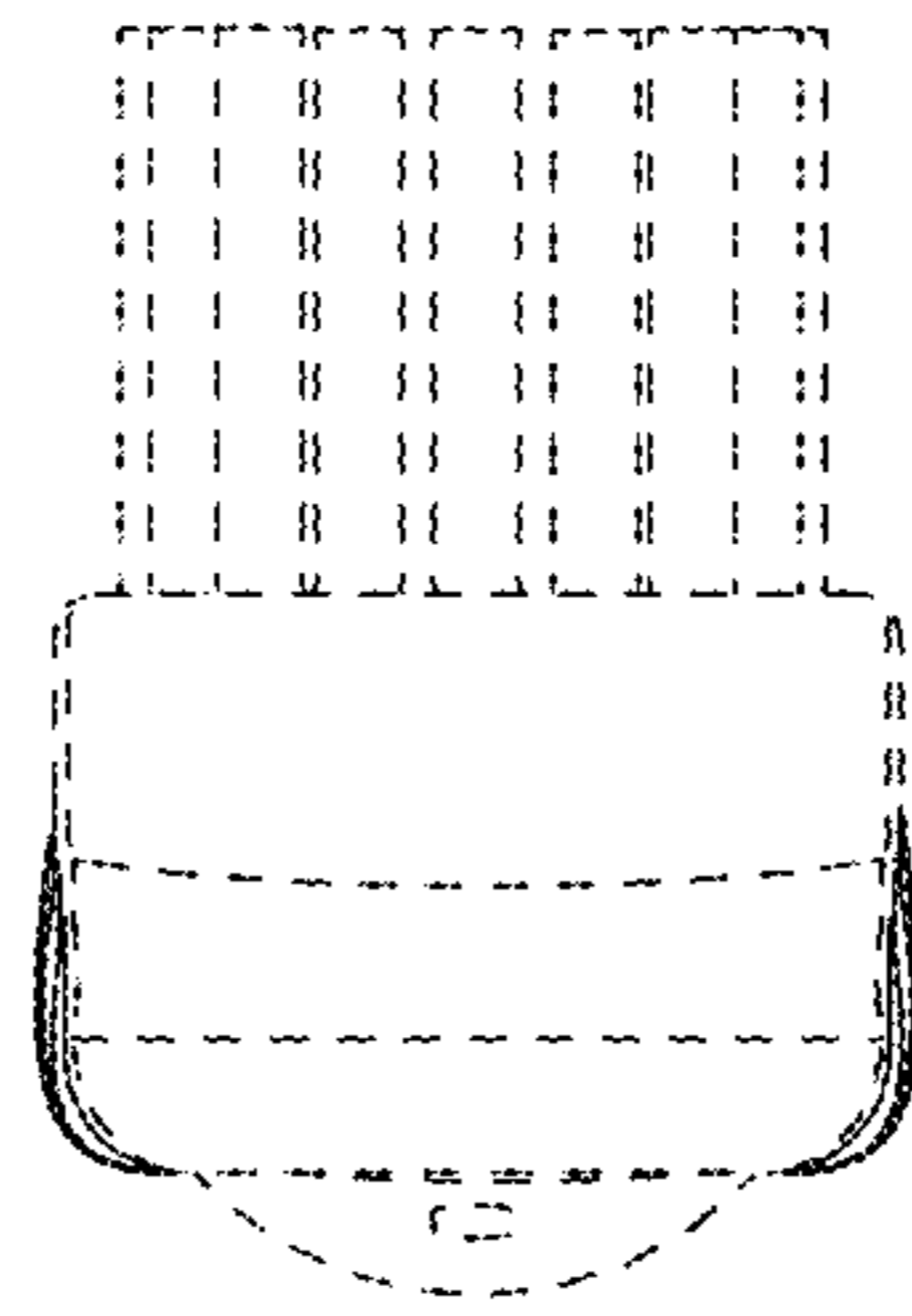


FIG. 7

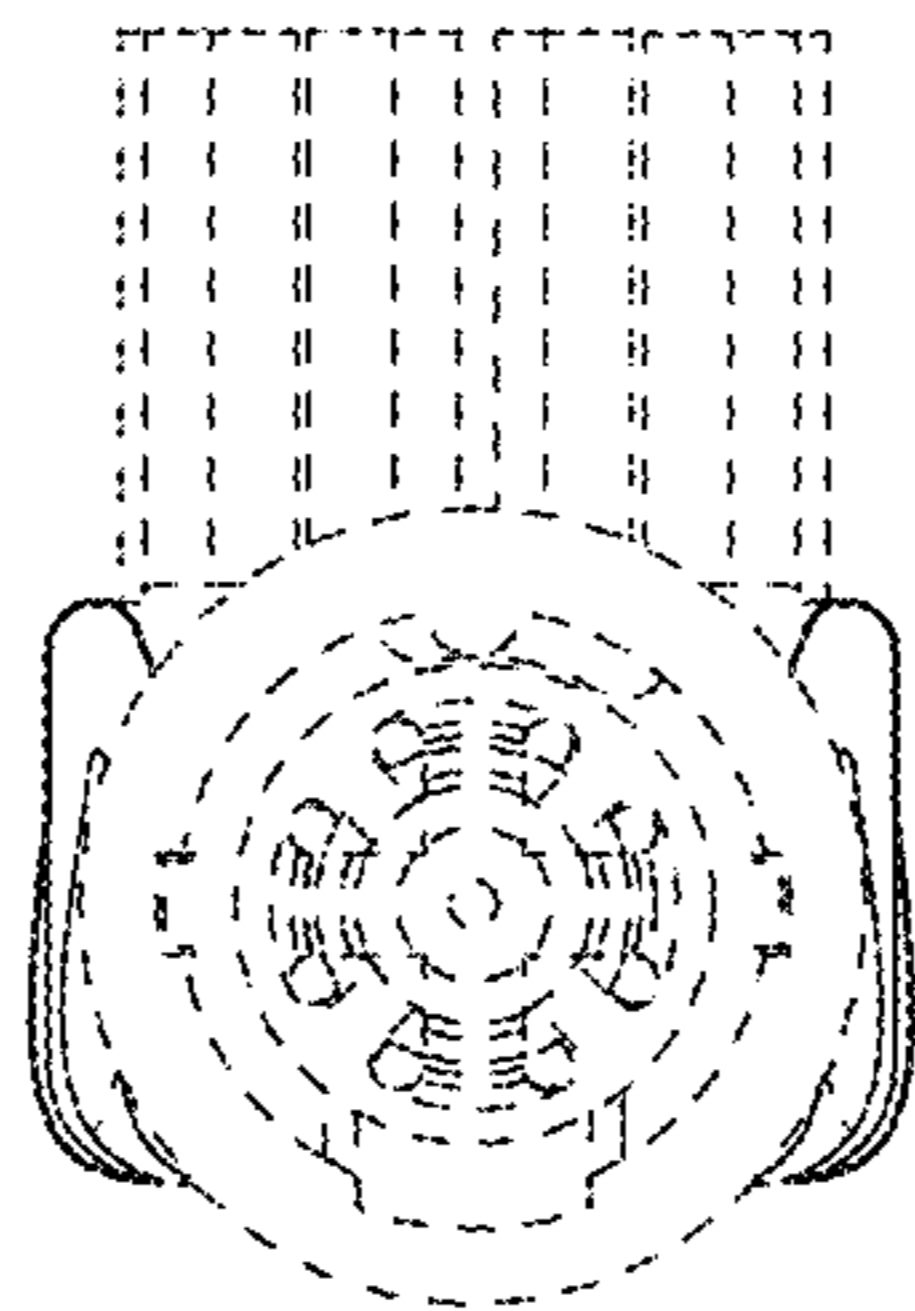


FIG. 8