



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**

(71) Applicant: **Colgate-Palmolive Company**, New York, NY (US)

(72) Inventors: **Brian Bloch**, Hillsborough, NJ (US);  
**Lars Ralf Rainer Lieberwirth**, Glashuetten (DE)

(73) Assignee: **Colgate-Palmolive Company**, New York, NY (US)

(\*\*) 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 (withdrawn)

*Primary Examiner* — Susan E Krakower  
*Assistant Examiner* — L. A. Grabenstetter

(57) **CLAIM**

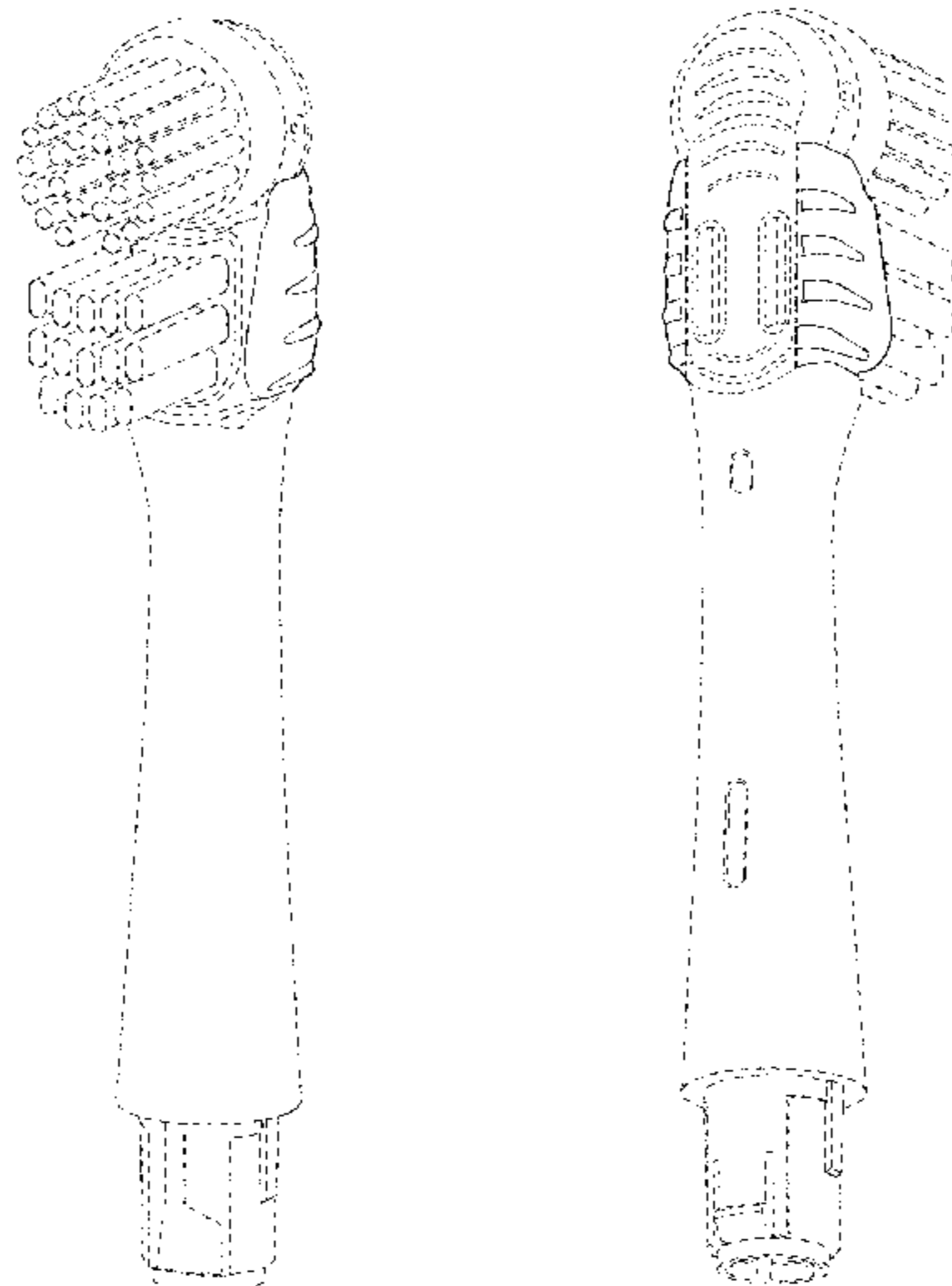
The ornamental design for a head portion of a toothbrush, as shown and described.

**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**



# US D812,911 S

(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

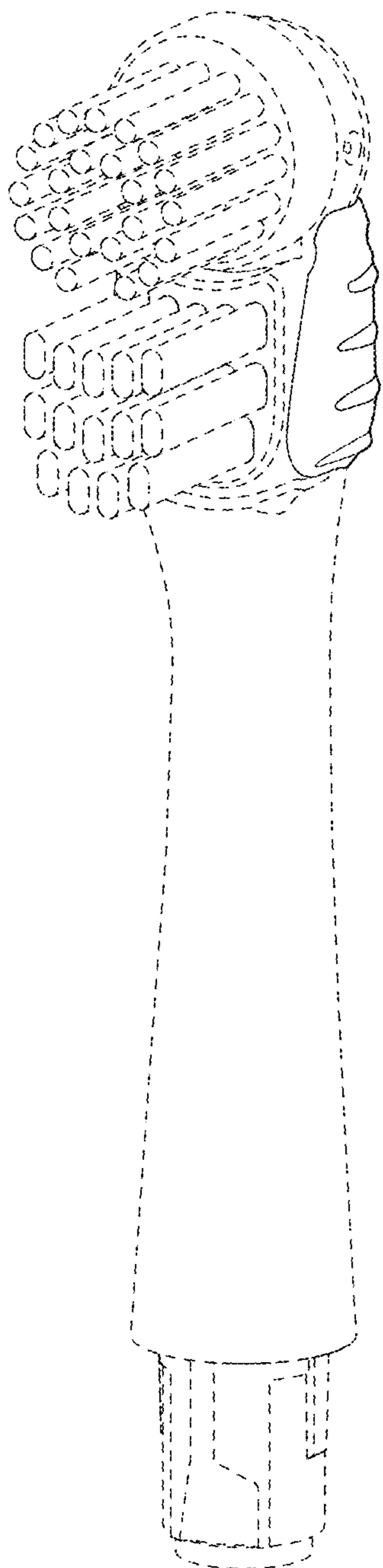


FIG. 1

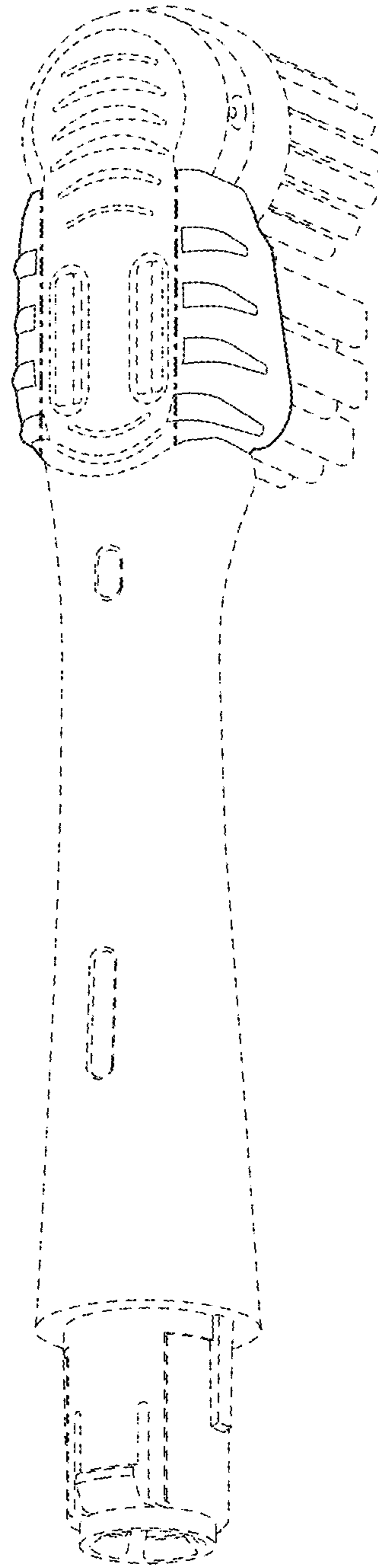


FIG. 2

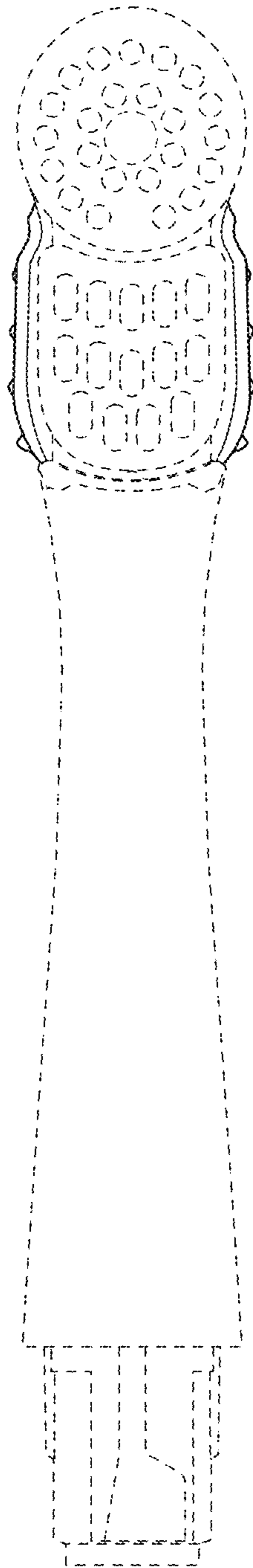


FIG. 3

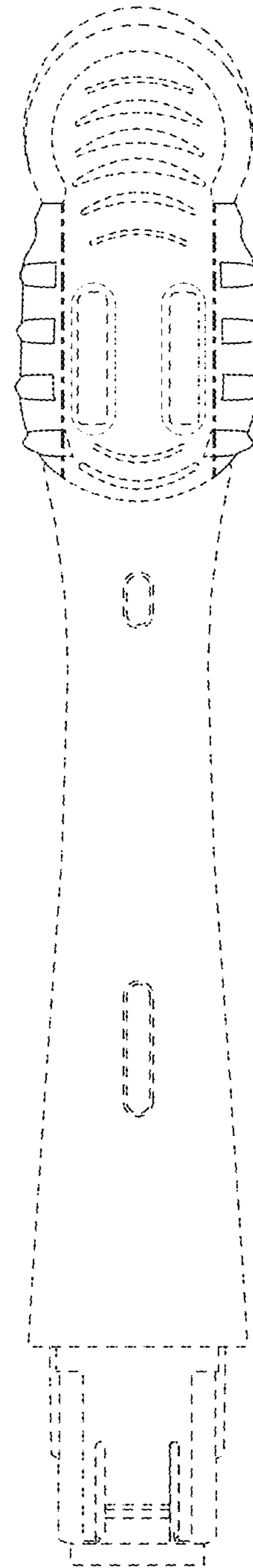


FIG. 4

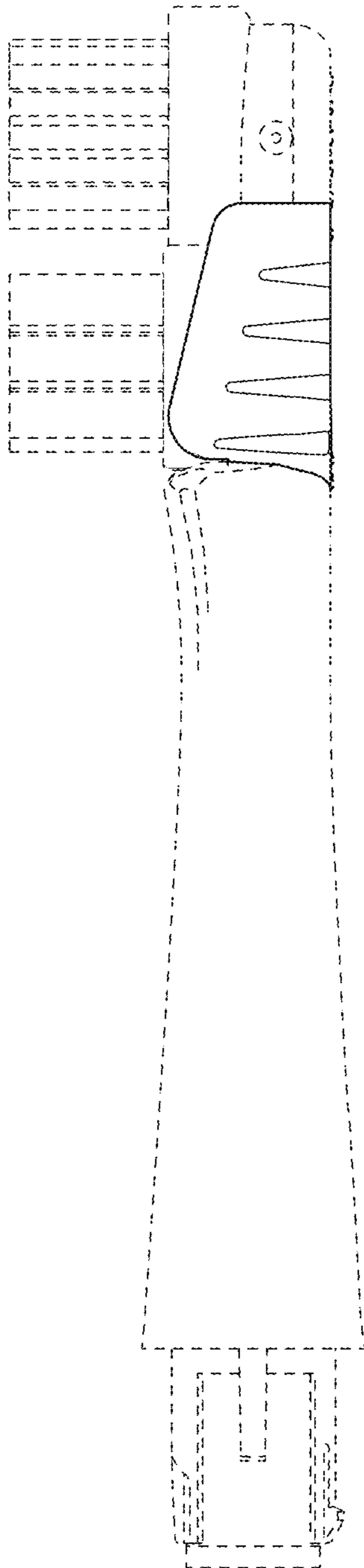


FIG. 5

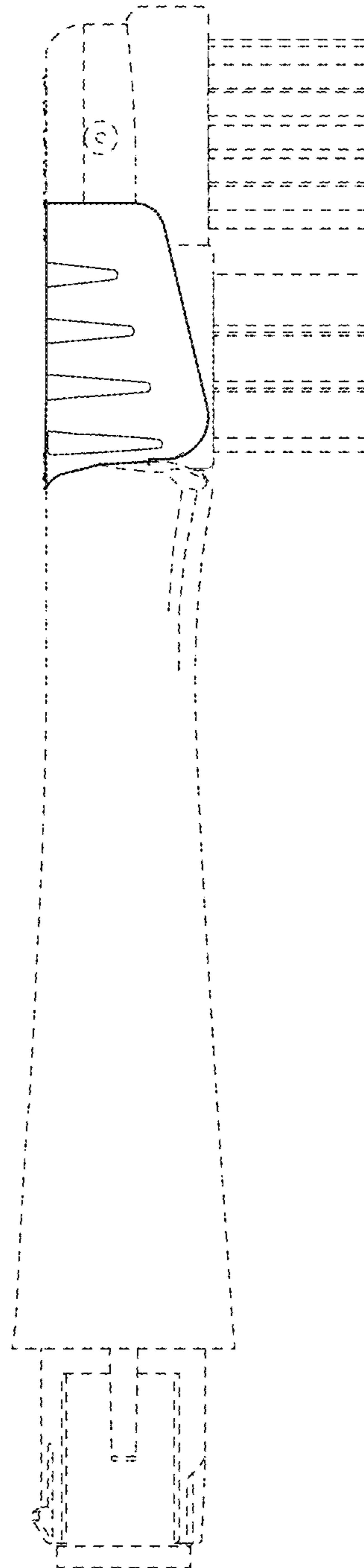


FIG. 6

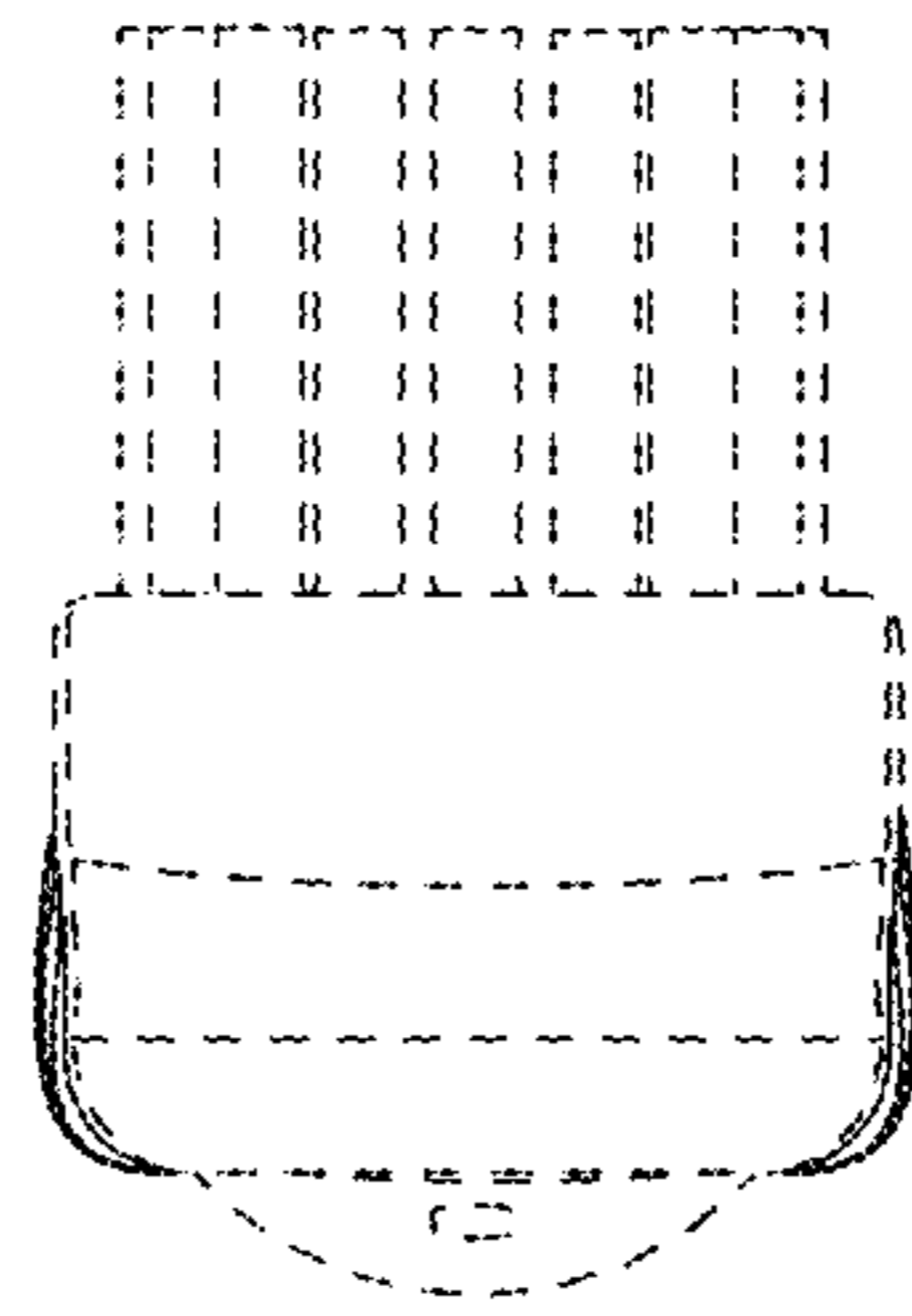


FIG. 7

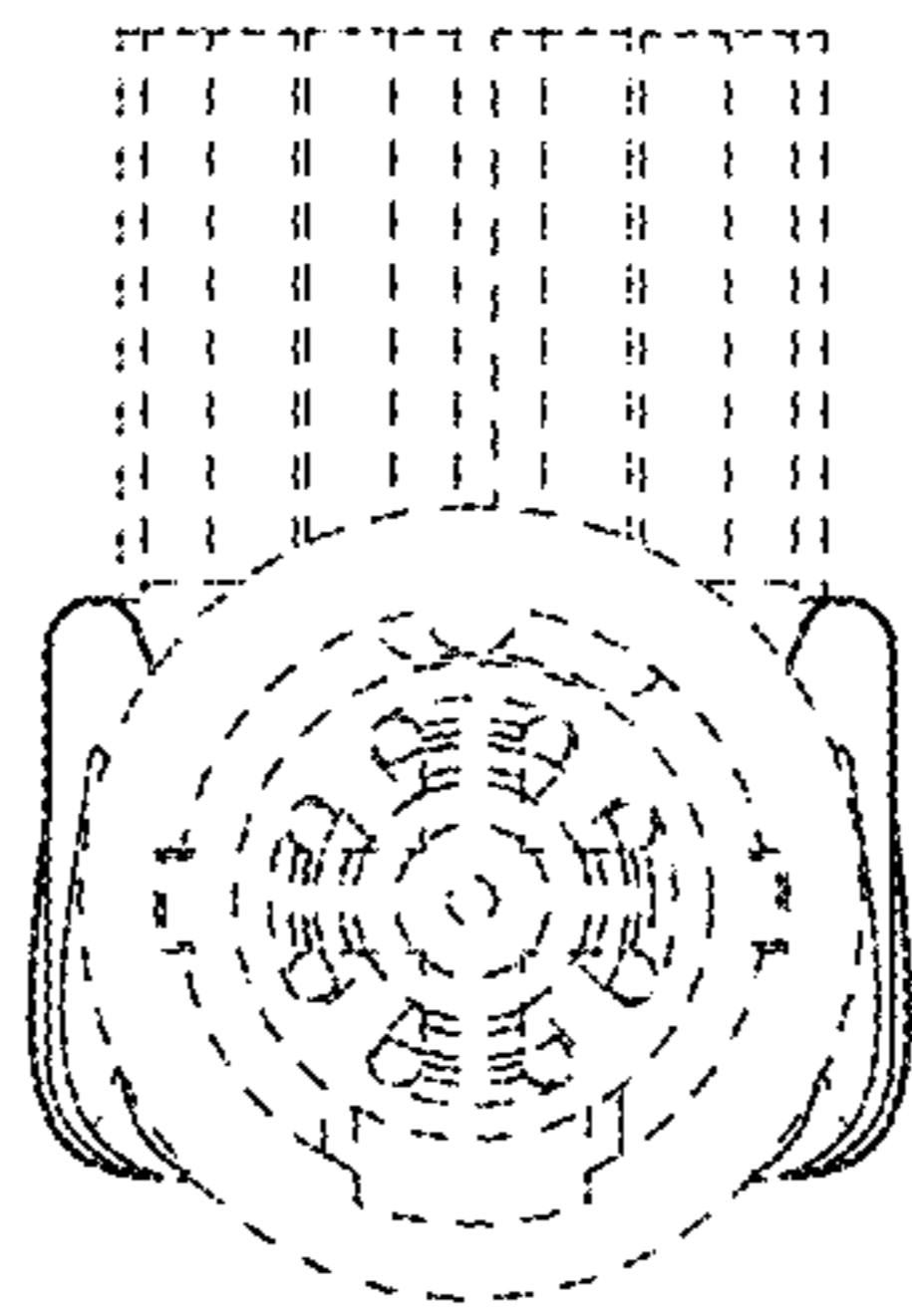


FIG. 8