



US00D858105S

(12) **United States Design Patent**  
**Okai et al.**

(10) **Patent No.:** **US D858,105 S**  
(45) **Date of Patent:** **\*\* Sep. 3, 2019**

(54) **ORAL CARE IMPLEMENT**  
(71) Applicant: **Colgate-Palmolive Company**, New York, NY (US)  
(72) Inventors: **Takahide Okai**, Highland Park, NJ (US); **GuanMin Sun**, XiaMen (CN)  
(73) Assignee: **Colgate-Palmolive Company**, New York, NY (US)

5,987,681 A 11/1999 Hahn et al.  
6,090,488 A 7/2000 Kweon et al.  
6,464,920 B1 10/2002 Kraemer et al.  
6,599,048 B2 7/2003 Kuo  
D479,046 S \* 9/2003 Winkler ..... D4/101  
(Continued)

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

(21) Appl. No.: **29/626,450**

(22) Filed: **Nov. 17, 2017**

(51) **LOC (12) Cl.** ..... **04-02**

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

(58) **Field of Classification Search**  
USPC ..... D4/100, 101, 102, 104, 105, 108, 110, D4/111; D24/107, 108, 133, 152, 176; 15/167.1  
CPC ..... A46B 15/00; A46B 15/047; A46B 15/048; A46B 15/0071; A46B 5/00; A46B 5/02; A46B 5/21; A46B 5/023; A46B 5/026; A46B 5/028; A46B 5/0016; A46B 5/0095; A46B 2200/10; A46B 2200/108; A46B 2200/1066; A46B 2200/1073; A46B 2200/1086; A46B 9/04; A46B 9/10; A46B 9/045; A61C 17/16; A61C 17/22; A61C 17/26; A61C 17/225; A61C 3/00

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,989,287 A 2/1991 Scherer  
5,054,154 A 10/1991 Schiffer et al.  
D361,433 S \* 8/1995 Yang ..... D4/101  
5,697,117 A 12/1997 Craft  
5,974,615 A 11/1999 Schwarz-Hartmann et al.

**FOREIGN PATENT DOCUMENTS**

CN 100364472 1/2008  
CN 303857368 6/2016

(Continued)

*Primary Examiner* — Wan Laymon  
*Assistant Examiner* — Clint A Samuel

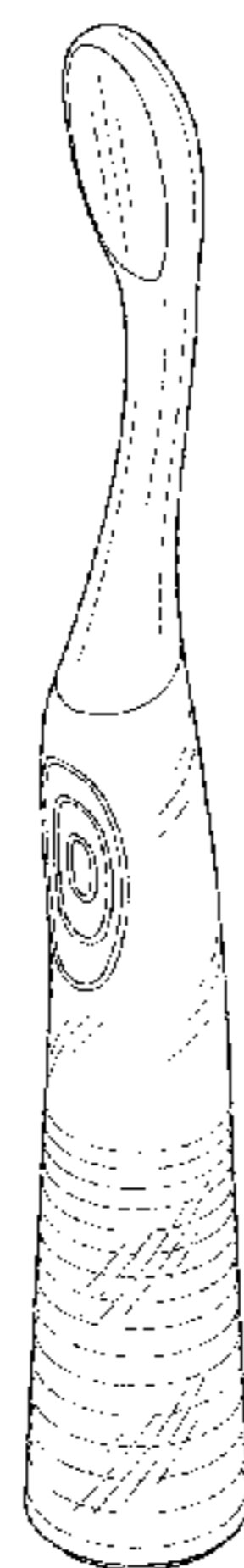
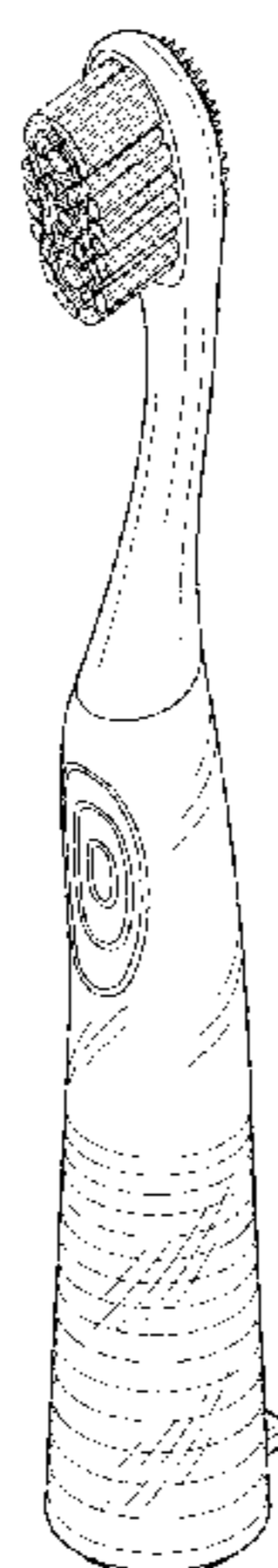
(57) **CLAIM**

The ornamental design for an oral care implement, as shown and described.

**DESCRIPTION**

FIG. 1 is a front right perspective view of an oral care implement according to a first embodiment of the new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a right side view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is an enlarged top view thereof;  
FIG. 7 is an enlarged bottom view thereof;  
FIG. 8 is a front right perspective view of an oral care implement according to a second embodiment of the new design;  
FIG. 9 is a front view thereof;  
FIG. 10 is a rear view thereof;  
FIG. 11 is a right side view thereof;  
FIG. 12 is a left side view thereof;  
FIG. 13 is an enlarged top view thereof; and,  
FIG. 14 is an enlarged bottom view thereof.  
The broken lines in the drawings illustrate portions of the article that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

6,764,142 B2 7/2004 Kwon  
 6,802,097 B2 10/2004 Haefliger et al.  
 6,821,119 B2 11/2004 Shortt et al.  
 6,836,917 B2 1/2005 Blaustein et al.  
 6,895,625 B2 5/2005 Lev et al.  
 6,920,659 B2 7/2005 Cacka et al.  
 6,968,590 B2 11/2005 Ponzini  
 D534,725 S \* 1/2007 Vu ..... D4/101  
 7,162,764 B2 1/2007 Drossler et al.  
 7,240,390 B2 7/2007 Pfenniger et al.  
 7,419,225 B2 9/2008 Fischer et al.  
 7,636,976 B2 12/2009 Banning  
 7,761,947 B2 7/2010 Blaustein et al.  
 7,765,629 B2 8/2010 Kressner  
 7,845,041 B2 12/2010 Gatezemeyer et al.  
 7,975,344 B2 7/2011 Braun et al.  
 8,060,970 B2 11/2011 Solanki  
 8,089,227 B2 1/2012 Baertschi et al.  
 8,172,337 B2 5/2012 Kwon et al.  
 8,209,808 B2 7/2012 Kressner  
 8,288,970 B2 10/2012 Miller et al.  
 8,333,436 B2 12/2012 Kwon et al.  
 8,418,300 B2 4/2013 Miller et al.  
 8,499,851 B2 8/2013 Hata  
 8,512,611 B2 8/2013 Kang et al.  
 8,544,132 B2 10/2013 Gatzemeyer et al.  
 8,584,299 B2 11/2013 Chan et al.  
 8,590,092 B2 11/2013 Dickie  
 8,595,881 B2 12/2013 Fritsch  
 8,601,628 B2 12/2013 Barman  
 8,656,548 B2 2/2014 Jungnickel et al.  
 D701,388 S \* 3/2014 Chuanzhou ..... D4/101  
 8,671,492 B2 3/2014 Kressner  
 8,671,493 B2 \* 3/2014 Hilscher ..... A61C 17/22  
 15/22.1  
 8,695,143 B2 4/2014 Kloster  
 8,701,235 B2 4/2014 Kressner  
 8,793,829 B2 8/2014 Shimoyama et al.  
 8,806,691 B2 8/2014 Iwahori et al.  
 8,863,344 B2 10/2014 Kloster  
 D719,737 S \* 12/2014 Adriaenssen ..... D4/101  
 8,938,839 B2 1/2015 Kitigawa et al.  
 9,009,902 B2 4/2015 Kitigawa et al.  
 9,084,659 B2 7/2015 Bovenkamp  
 9,204,948 B2 12/2015 Kloster  
 D752,868 S \* 4/2016 McGarry ..... D4/101  
 D766,581 S \* 9/2016 Bloch ..... D4/101  
 D767,895 S \* 10/2016 Stebila ..... D4/101  
 D777,444 S \* 1/2017 Sedic ..... D4/101  
 9,561,092 B2 2/2017 Sauer et al.  
 D780,456 S 3/2017 Shigeno et al.  
 9,655,435 B2 5/2017 Kraemer et al.  
 D788,469 S \* 6/2017 McGarry ..... D4/101  
 D791,485 S \* 7/2017 McGarry ..... D4/101  
 D795,590 S \* 8/2017 Sedic ..... D4/101  
 D811,094 S \* 2/2018 Sedic ..... D4/111  
 D814,195 S \* 4/2018 Sikora ..... D4/102  
 D817,000 S \* 5/2018 Sedic ..... D4/101  
 D817,001 S \* 5/2018 Sedic ..... D4/101  
 D819,337 S \* 6/2018 Yuan ..... D4/101  
 D819,973 S \* 6/2018 Greve ..... D4/101  
 D819,974 S \* 6/2018 Johansson ..... D4/101  
 D820,599 S \* 6/2018 Park ..... D4/101  
 D824,677 S \* 8/2018 Tseng ..... D4/101  
 2002/0120991 A1 9/2002 Cacka et al.

2002/0129454 A1 9/2002 Hilscher et al.  
 2008/0216258 A1 9/2008 Kressner et al.  
 2009/0013489 A1 1/2009 Binet et al.  
 2009/0083924 A1 \* 4/2009 Shepherd ..... A46B 5/0095  
 15/105  
 2010/0043156 A1 2/2010 Kressner  
 2010/0106336 A1 4/2010 Hwang et al.  
 2010/0170051 A1 7/2010 Kressner  
 2010/0223746 A1 9/2010 Mueller  
 2010/0251493 A1 10/2010 Sale et al.  
 2010/0313371 A1 12/2010 Kaczmarek  
 2013/0247311 A1 \* 9/2013 Dickie ..... A46B 5/0062  
 15/22.1  
 2014/0076633 A1 3/2014 Terracina et al.  
 2014/0115801 A1 5/2014 Haynes et al.  
 2014/0173838 A1 \* 6/2014 Dickie ..... A46B 9/04  
 15/22.1  
 2014/0304932 A1 \* 10/2014 Patel ..... A46B 15/0087  
 15/167.1  
 2014/0310900 A1 \* 10/2014 Curry ..... A46B 9/04  
 15/167.1  
 2015/0020324 A1 \* 1/2015 Schaefer ..... A61C 17/222  
 15/22.1  
 2015/0113747 A1 4/2015 May et al.  
 2015/0044629 A1 5/2015 Wang et al.  
 2015/0164625 A1 6/2015 Kressner  
 2015/0173502 A1 \* 6/2015 Sedic ..... A46B 9/04  
 15/22.1  
 2015/0230598 A1 8/2015 Bresselschmidt et al.  
 2015/0335145 A1 11/2015 Bloch et al.  
 2015/0335411 A1 \* 11/2015 Dickie ..... A46B 9/04  
 15/22.1  
 2016/0000542 A1 \* 1/2016 Yoshida ..... A61C 17/222  
 15/22.1  
 2016/0081465 A1 3/2016 Metter  
 2016/0143718 A1 5/2016 Serval et al.  
 2017/0128179 A1 \* 5/2017 Sedic ..... A46B 9/04  
 2017/0151044 A1 6/2017 Okai  
 2017/0156835 A1 \* 6/2017 Schaefer ..... A61C 17/222  
 2017/0188836 A1 7/2017 Xi et al.  
 2017/0273769 A1 9/2017 Dengler et al.  
 2018/0008388 A1 \* 1/2018 Lee ..... A46B 13/023  
 2018/0020819 A1 \* 1/2018 Steckling ..... A46B 15/0008  
 15/167.1  
 2018/0021116 A1 \* 1/2018 Storkel ..... A61C 17/222  
 15/167.1  
 2018/0140404 A1 \* 5/2018 Schaefer ..... A61C 17/22  
 2018/0168332 A1 \* 6/2018 Wagner ..... F21V 11/00

FOREIGN PATENT DOCUMENTS

CN 304124146 5/2017  
 CN 304276474 9/2017  
 EM 002012328-0002 3/2012  
 EM 001333496-0001 6/2012  
 EM 002218651-0001 4/2013  
 EM 002218651-0002 4/2013  
 WO WO200132053 5/2001  
 WO WO2006062187 6/2006  
 WO WO2008053441 5/2008  
 WO WO2010119688 10/2010  
 WO WO2010142098 12/2010  
 WO WO2013001462 3/2013  
 WO WO2016174251 11/2016  
 WO WO2017029469 2/2017

\* cited by examiner

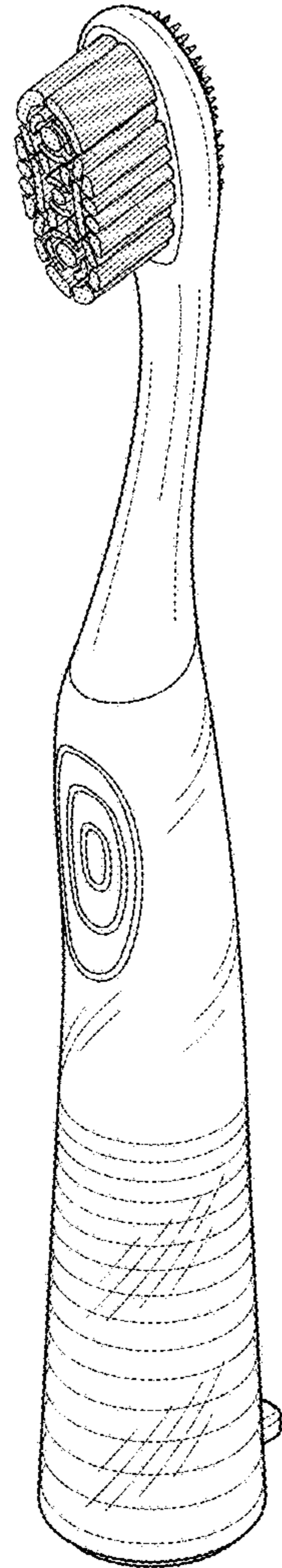


FIG. 1

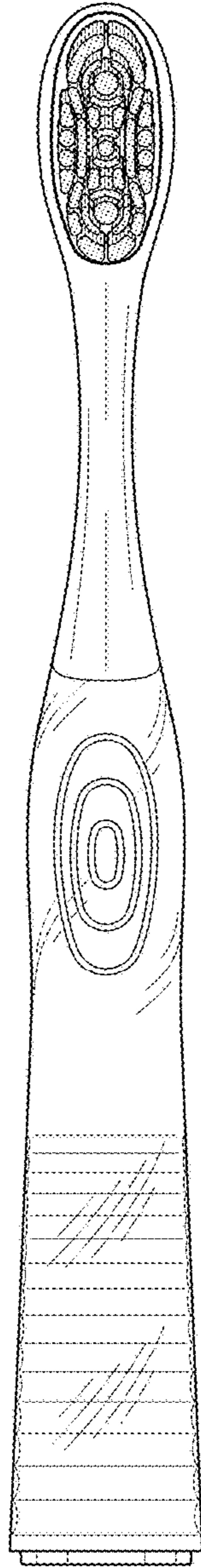


FIG. 2

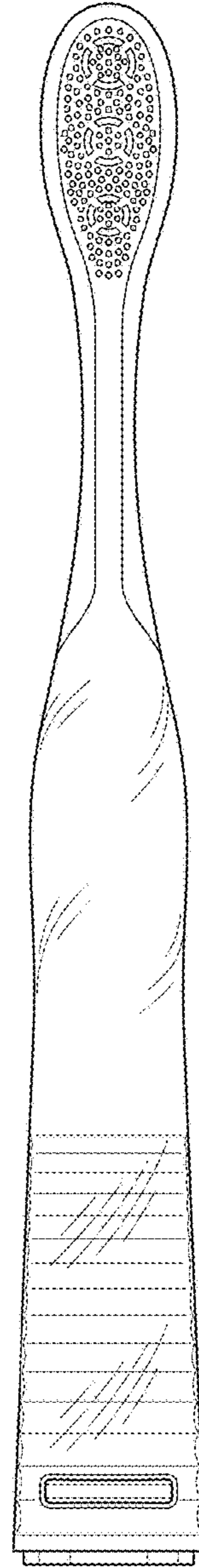


FIG. 3

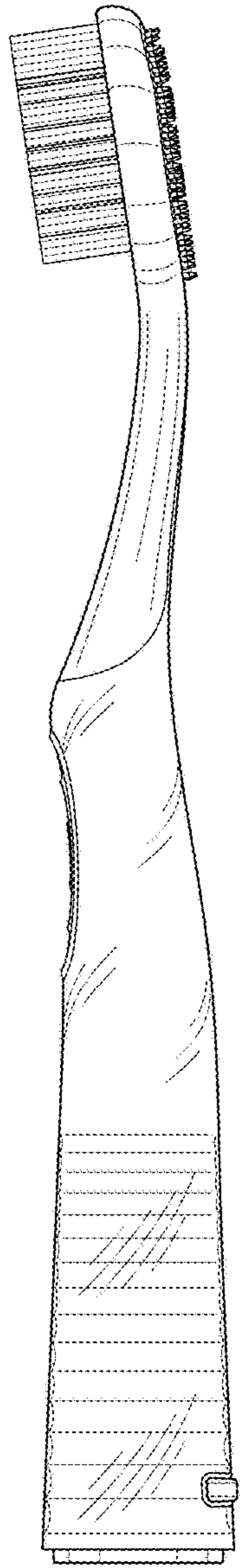


FIG. 4

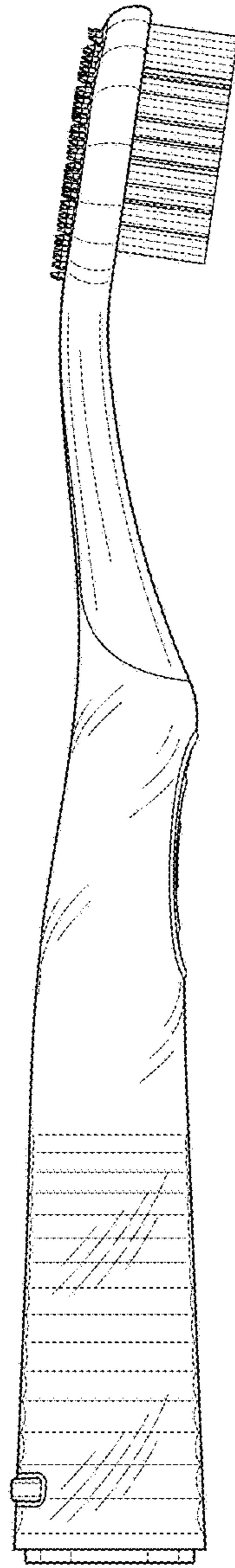


FIG. 5

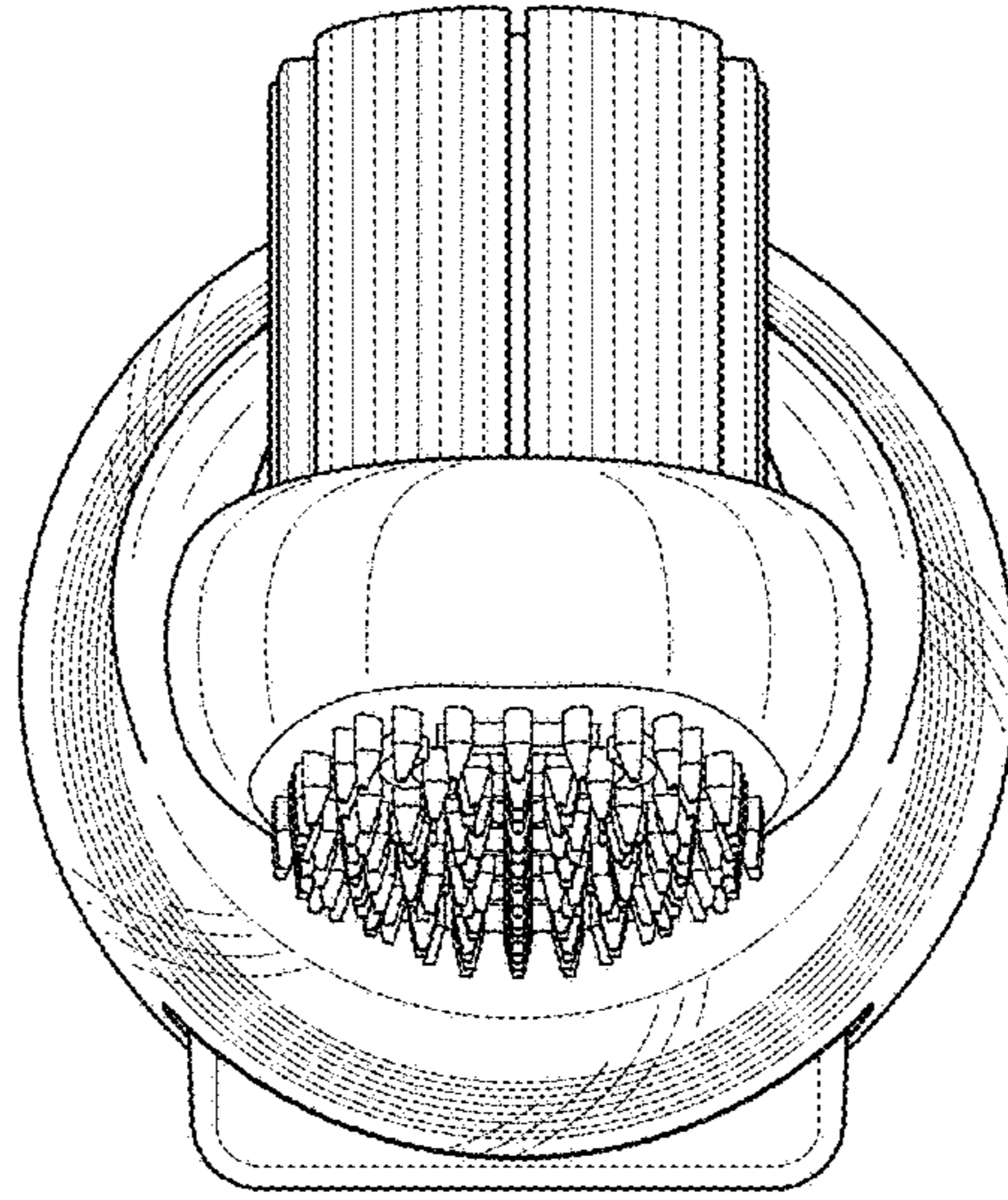


FIG. 6

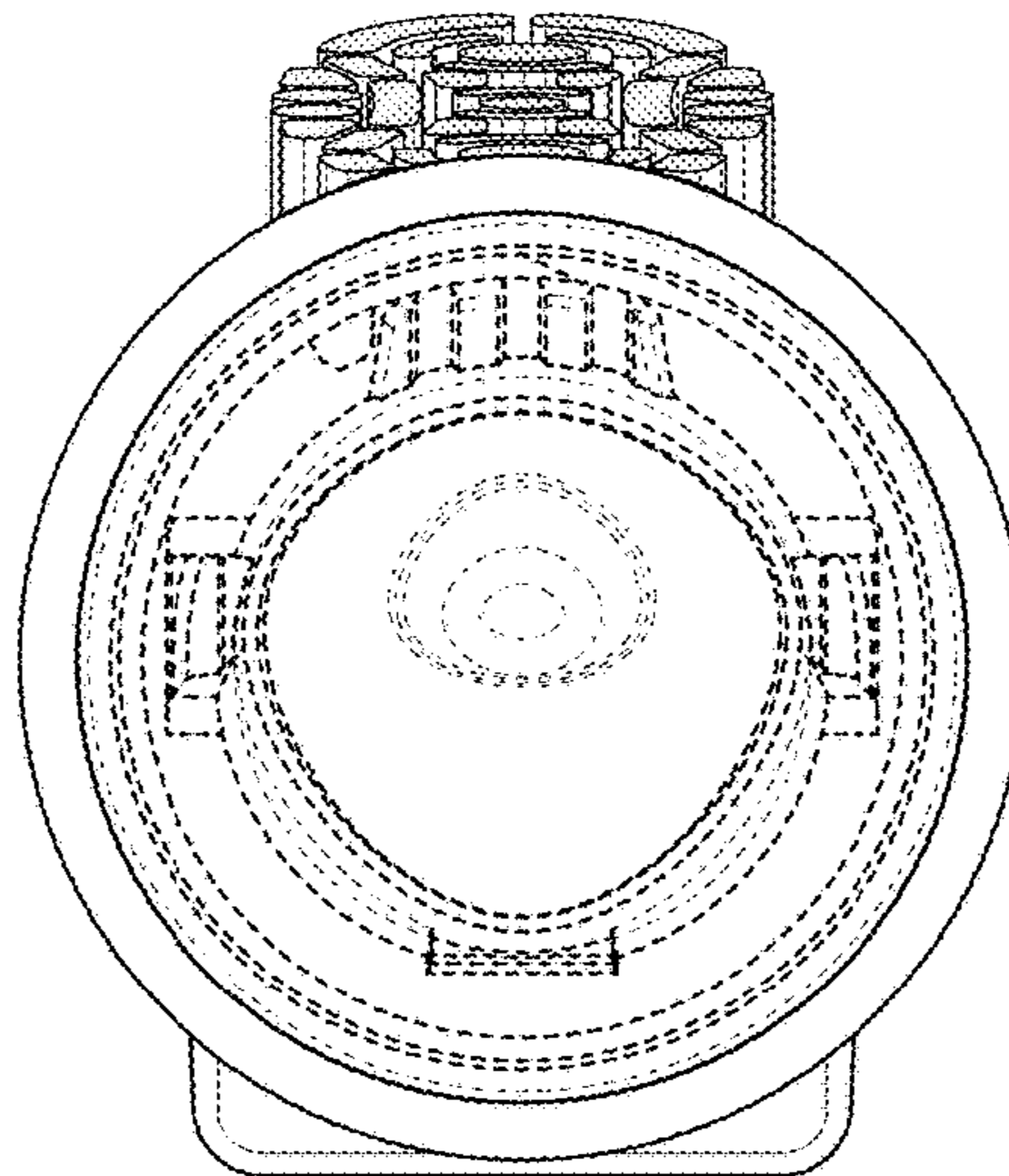


FIG. 7

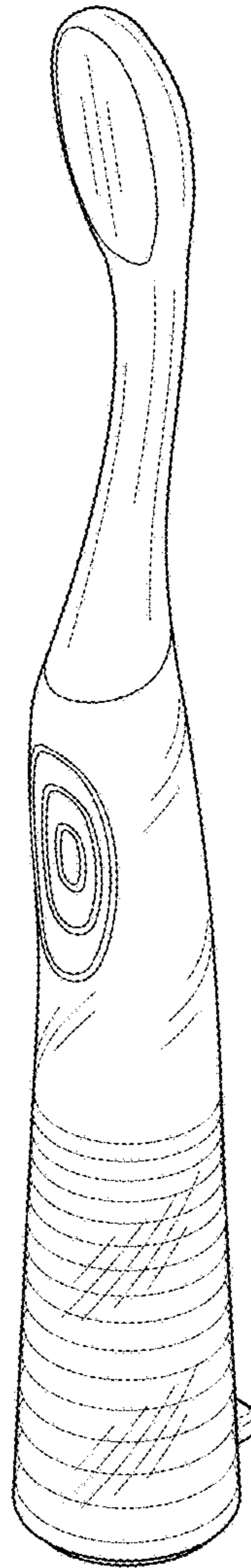


FIG. 8

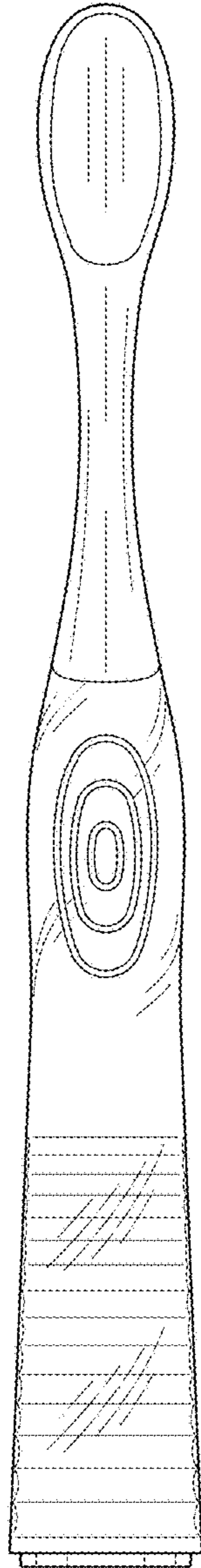


FIG. 9

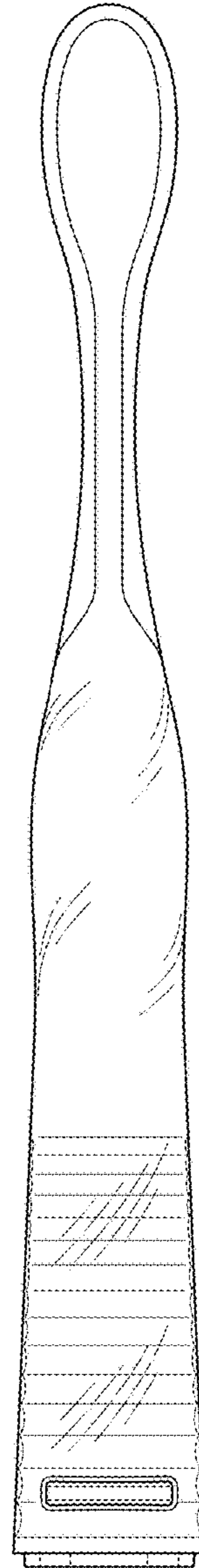


FIG. 10



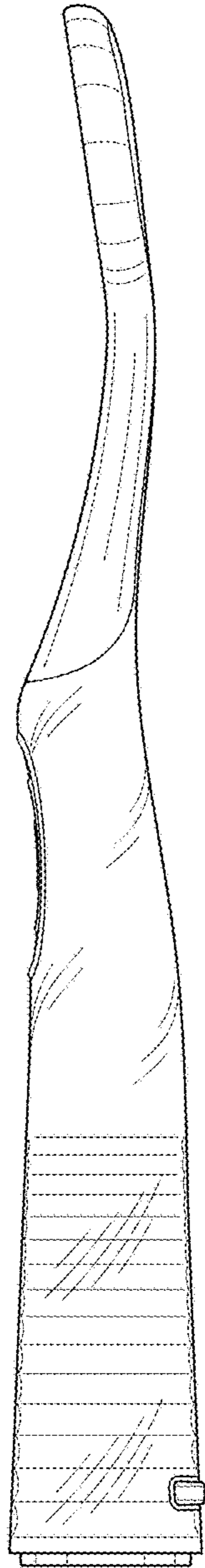


FIG. 11

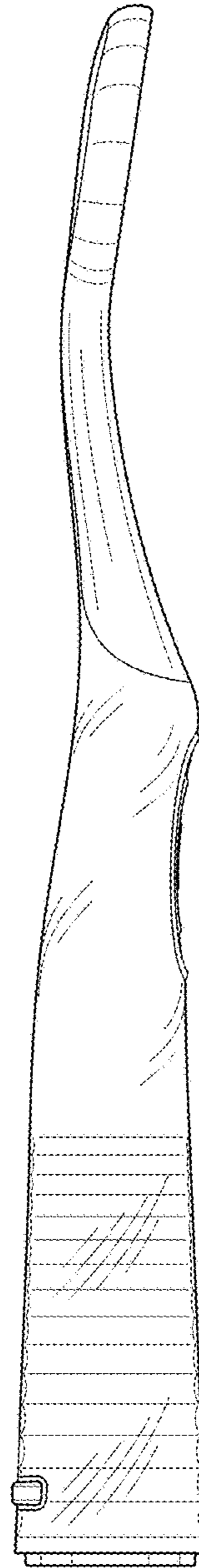


FIG. 12

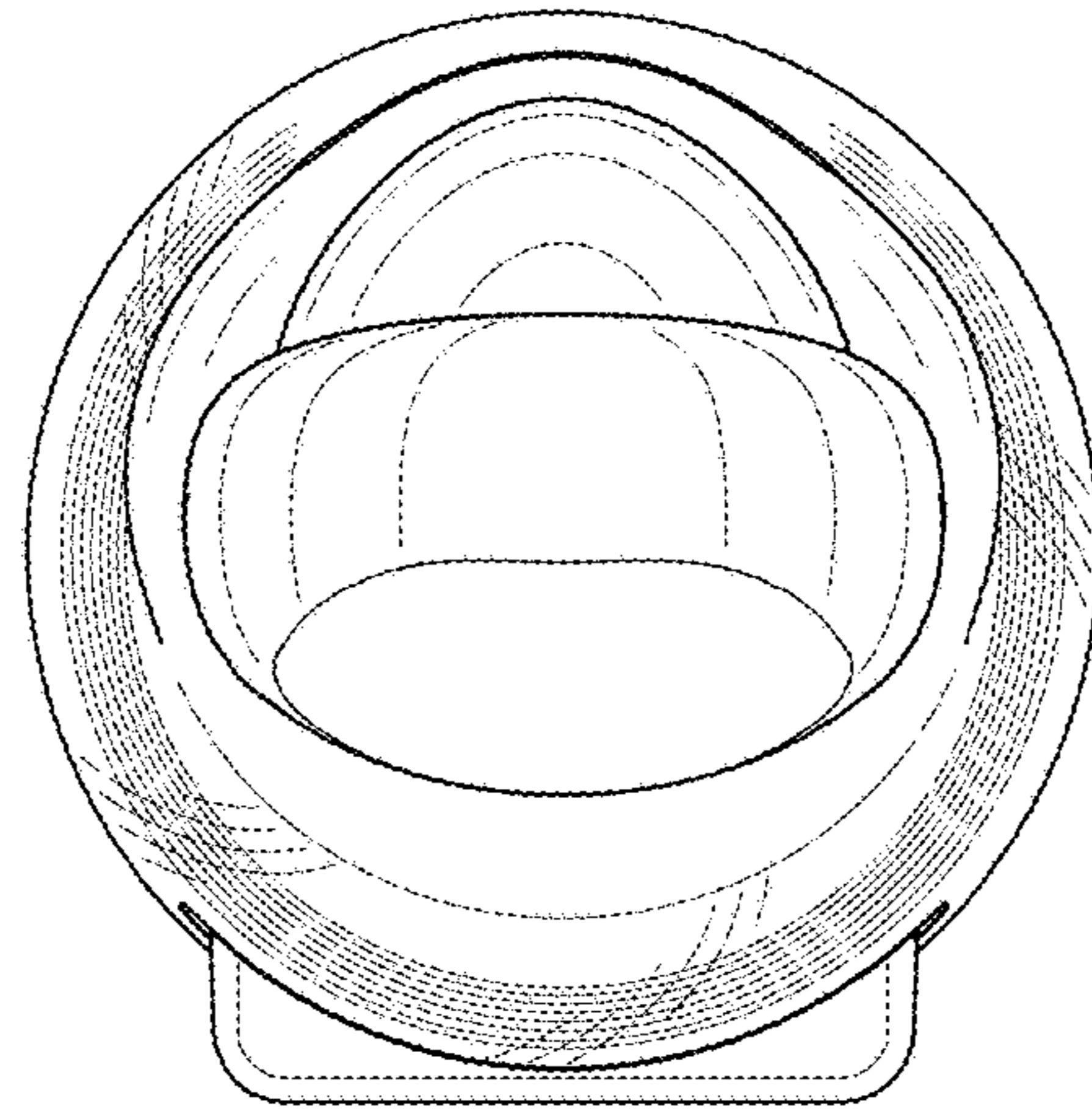


FIG. 13

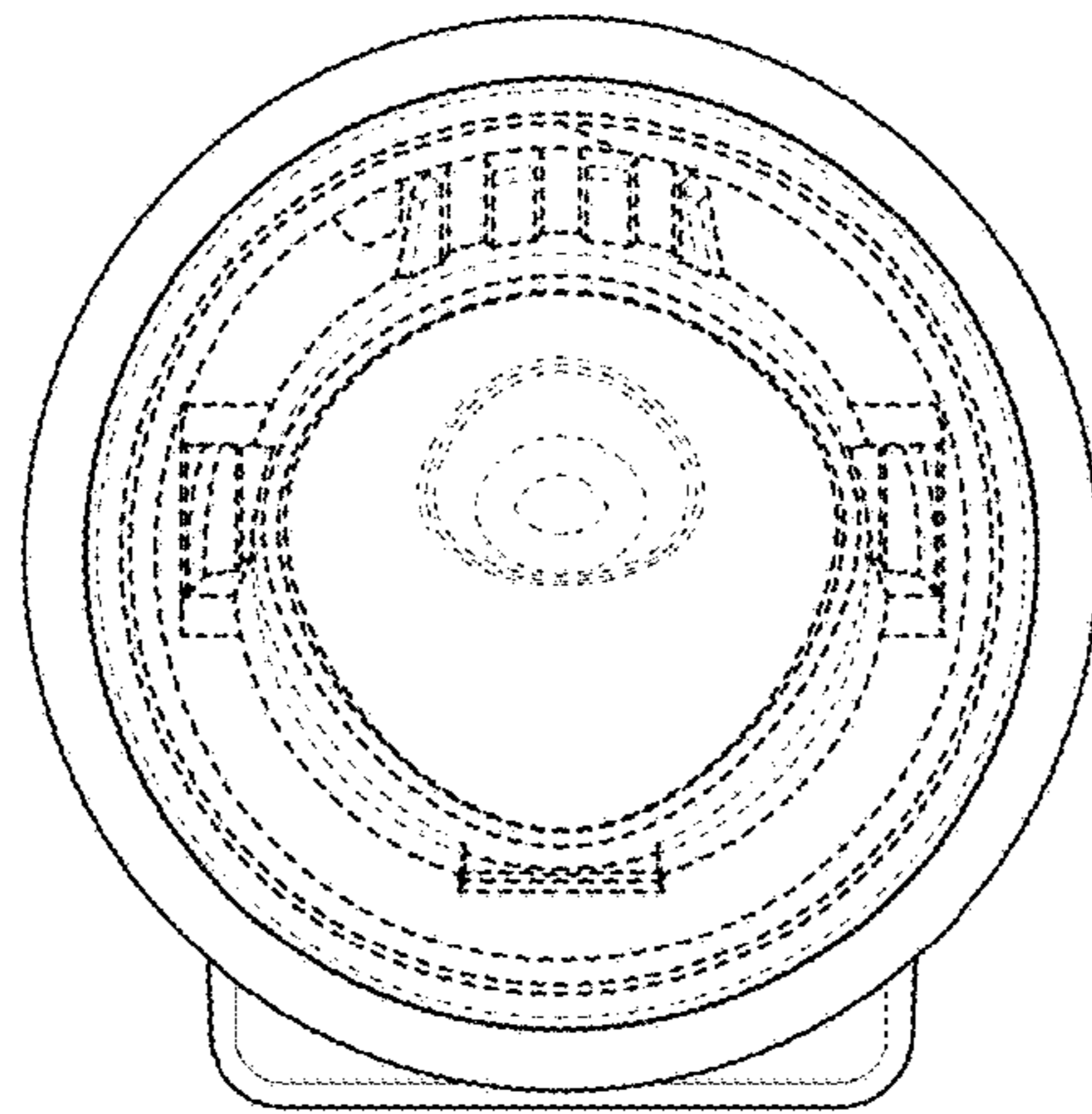


FIG. 14