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(12) **United States Design Patent** (10) **Patent No.:** **US D923,339 S**
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(54) **ORAL CARE IMPLEMENT**

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(52) **U.S. Cl.**
USPC **D4/101**; D4/104

(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
5,697,117 A	12/1997	Craft
5,974,615 A	11/1999	Schwarz-Hartmann et al.
5,987,681 A	11/1999	Hahn et al.
6,090,488 A	7/2000	Kweon
6,464,920 B1	10/2002	Kramer
6,599,048 B2	7/2003	Kuo
D479,046 S	9/2003	Winkler
6,764,142 B2	7/2004	Kwon
6,802,097 B2	10/2004	Hafliger 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

(Continued)

FOREIGN PATENT DOCUMENTS

CN	100364472	1/2008
CN	303857368	6/2016

(Continued)

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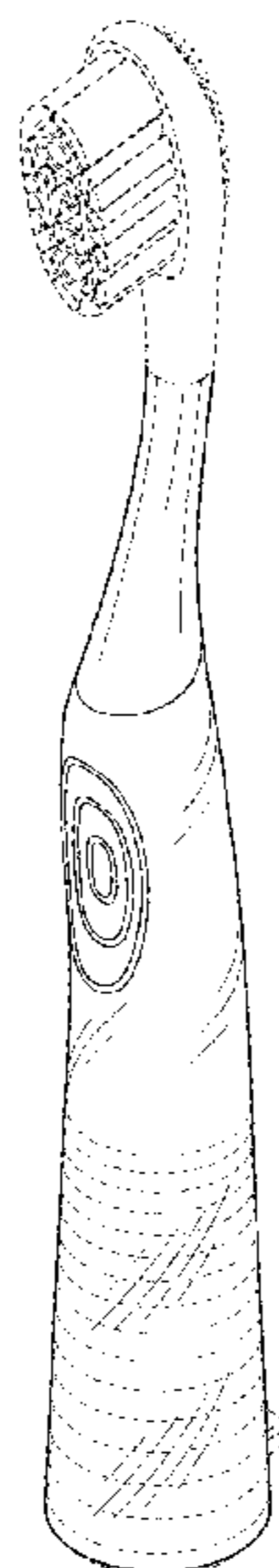
(57) **CLAIM**

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 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; and,
FIG. 7 is an enlarged bottom view thereof.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,086,111 B2* 8/2006 Hilscher A61C 17/221
15/21.1

D534,725 S 1/2007 Vu

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 Gatzemeyer et al.

7,917,982 B2 4/2011 Kressner 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

8,256,055 B2 9/2012 Kressner

8,272,091 B2 9/2012 Hwang et al.

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 Chuangzhou et al.

8,671,492 B2 3/2014 Kressner

8,671,493 B2 3/2014 Hilscher et al.

8,695,143 B2 4/2014 Kloster

8,701,235 B2 4/2014 Kressner

8,782,841 B2 7/2014 Sale et al.

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 et al.

8,938,839 B2 1/2015 Kitagawa et al.

9,009,902 B2 4/2015 Kitagawa et al.

9,084,659 B2 7/2015 Bovenkamp

9,131,765 B2 9/2015 Dickie et al.

9,204,948 B2 12/2015 Kloster

D752,868 S 4/2016 McGarry et al.

9,332,828 B2 5/2016 Dickie et al.

9,427,293 B2 8/2016 Haynes et al.

D766,581 S 9/2016 Bloch et al.

D767,895 S 10/2016 Stebila et al.

9,468,511 B2* 10/2016 Garrigues A61C 17/3418

D777,444 S 1/2017 Sedic

9,561,092 B2 2/2017 Sauer et al.

9,578,956 B2 2/2017 Sedic

D780,456 S 3/2017 Shigeno et al.

9,603,686 B2 3/2017 Schaefer et al.

9,655,435 B2 5/2017 Kraemer et al.

D788,469 S 6/2017 McGarry et al.

D791,485 S 7/2017 McGarry et al.

D795,590 S 8/2017 Sedic

D811,094 S 2/2018 Sedic

D814,195 S 4/2018 Sikora et al.

D817,000 S 5/2018 Sedic

D817,001 S 5/2018 Sedic

D819,337 S 6/2018 Yuan et al.

D819,973 S 6/2018 Greve et al.

D819,974 S 6/2018 Johansson

D820,599 S 6/2018 Park et al.

9,993,066 B2 6/2018 Bresselschmidt et al.

10,022,208 B2 7/2018 Yoshida et al.

10,022,209 B2 7/2018 Lee

D824,677 S 8/2018 Tseng et al.

10,327,876 B2* 6/2019 Utsch A46B 9/04

10,660,733 B2* 5/2020 Schaefer A61C 17/34

D893,881 S* 8/2020 Okai D4/102

D895,296 S* 9/2020 Hu D4/101

D895,974 S* 9/2020 Xiong D4/101

D898,364 S* 10/2020 Koskinen D4/101

10,821,480 B2* 11/2020 Eklund A46D 1/0269

10,842,255 B2* 11/2020 Gorich A46D 3/005

10,856,649 B2* 12/2020 Kawabata A46B 15/00

10,869,743 B2* 12/2020 Fritsch A61C 17/222

D906,688 S* 1/2021 Porter D4/104

10,893,746 B2* 1/2021 Schaefer A61C 17/34

10,932,554 B2* 3/2021 Greer, Jr. A46B 15/0044

2002/0120991 A1 9/2002 Cacka et al.

2009/0013489 A1 1/2009 Binet et al.

2009/0083924 A1 4/2009 Shepherd et al.

2010/0043156 A1 2/2010 Kressner

2010/0223746 A1 9/2010 Mueller

2010/0313371 A1 12/2010 Kaczmarek

2014/0076633 A1 3/2014 Terracina et al.

2014/0259469 A1* 9/2014 Garrigues A46B 13/02
15/22.1

2014/0259474 A1* 9/2014 Sokol A61C 17/36
15/22.2

2014/0304932 A1 10/2014 Patel

2014/0310900 A1 10/2014 Curry et al.

2015/0044629 A1 2/2015 Wang et al.

2015/0113747 A1 4/2015 May et al.

2015/0164625 A1 6/2015 Kressner

2015/0335145 A1 11/2015 Bloch et al.

2016/0081465 A1 3/2016 Metter

2016/0143718 A1 5/2016 Serval et al.

2017/0128179 A1 5/2017 Sedic

2017/0151044 A1 6/2017 Okai

2017/0156835 A1 6/2017 Schaefer et al.

2017/0188836 A1 7/2017 Xi et al.

2017/0273769 A1 9/2017 Dengler

2018/0020819 A1 1/2018 Steckling

2018/0021116 A1 1/2018 Storkel et al.

2018/0140404 A1 5/2018 Schaefer et al.

2018/0168332 A1 6/2018 Wagner et al.

2020/0288858 A1* 9/2020 Xi A46B 5/0095

2020/0289246 A1* 9/2020 Bloch A46B 5/0095

2020/0323613 A1* 10/2020 Buijs A61C 17/3481

2020/0345129 A1* 11/2020 Schwarz A46B 13/02

2020/0345130 A1* 11/2020 Schaefer A46B 15/0012

2021/0007835 A1* 1/2021 Chapman A46B 9/04

2021/0045857 A1* 2/2021 Fritsch A61C 17/222

2021/0059395 A1* 3/2021 Kooijman A46B 9/04

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 2001/032053 5/2001

WO 2006/062187 6/2006

WO 2010/119688 10/2010

WO 2010/142098 12/2010

WO 2013/001462 1/2013

WO 2016/174251 11/2016

WO 2017/029469 2/2017

WO 2008/053441 5/2018

* cited by examiner

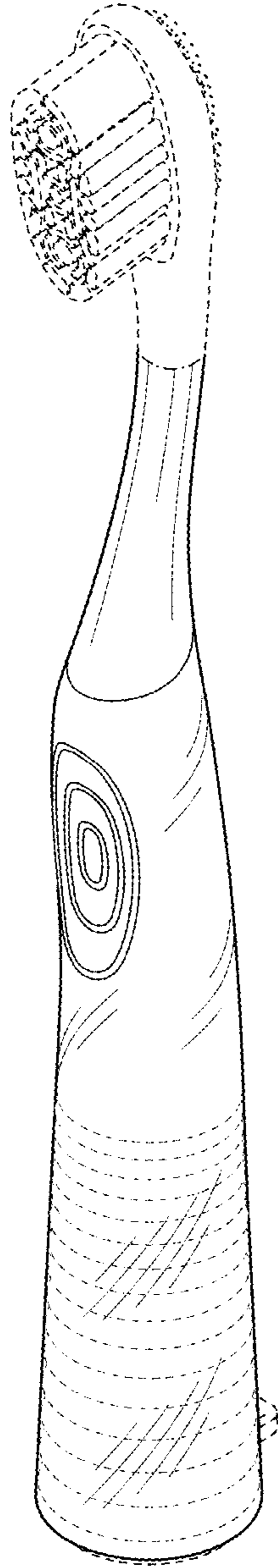


FIG. 1

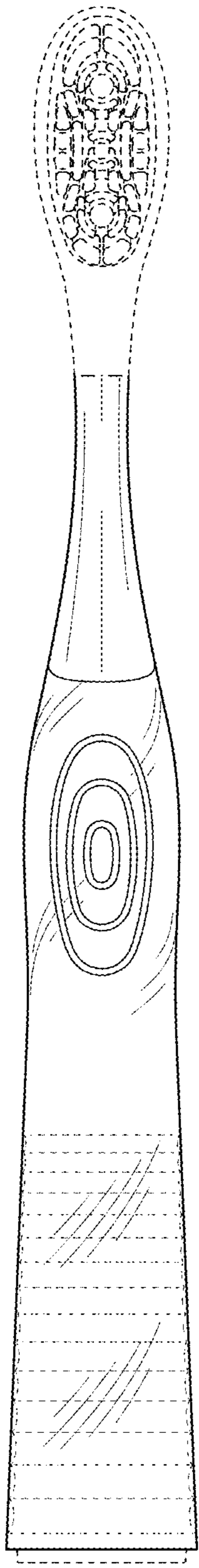


FIG. 2

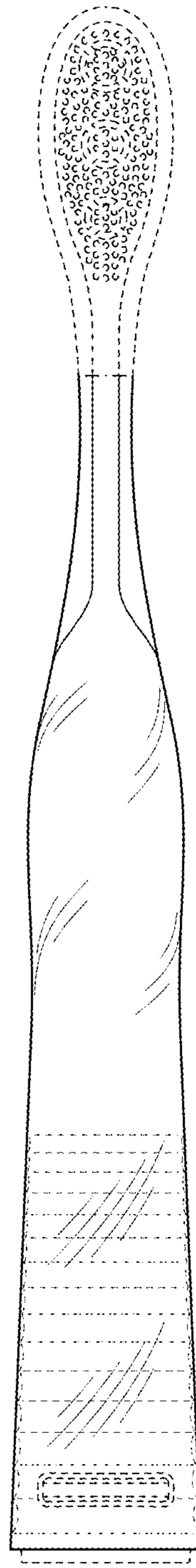


FIG. 3

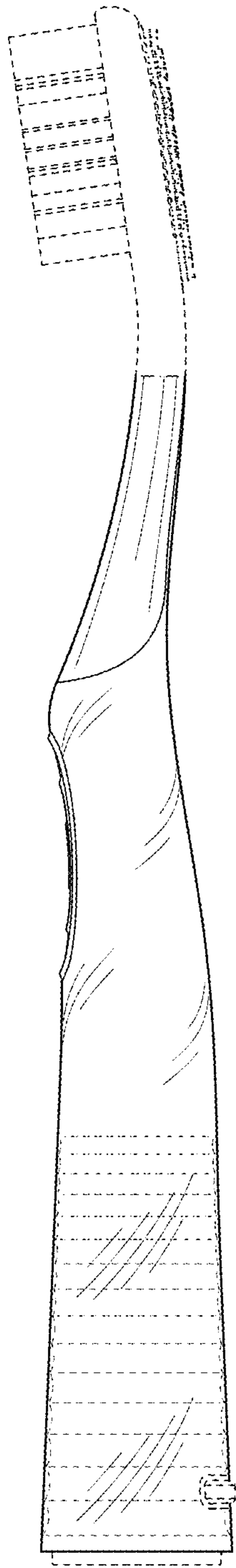


FIG. 4

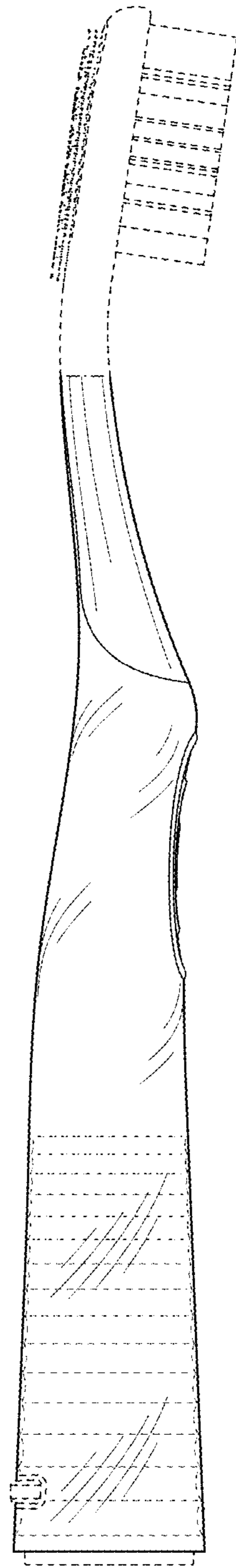


FIG. 5

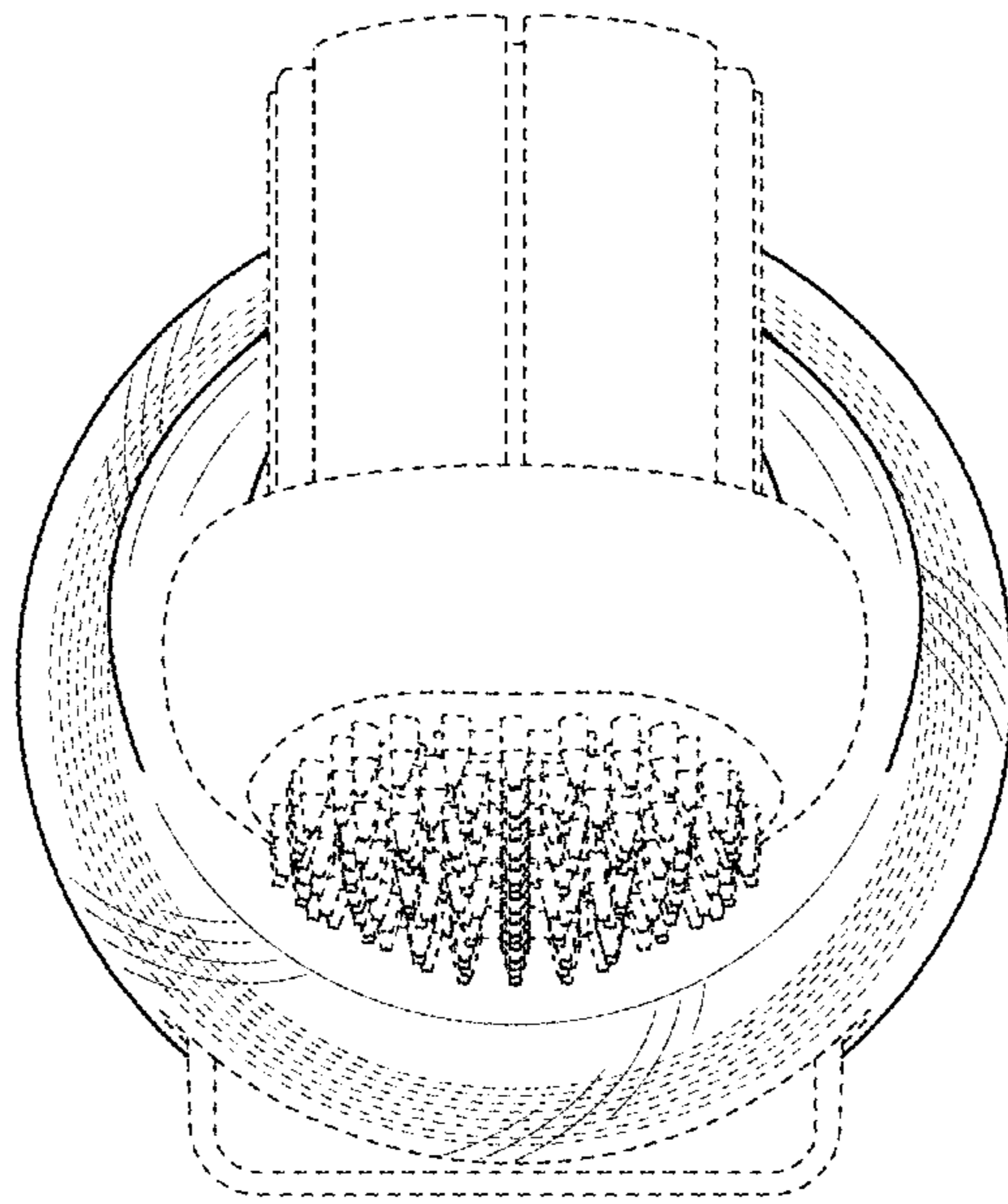


FIG. 6

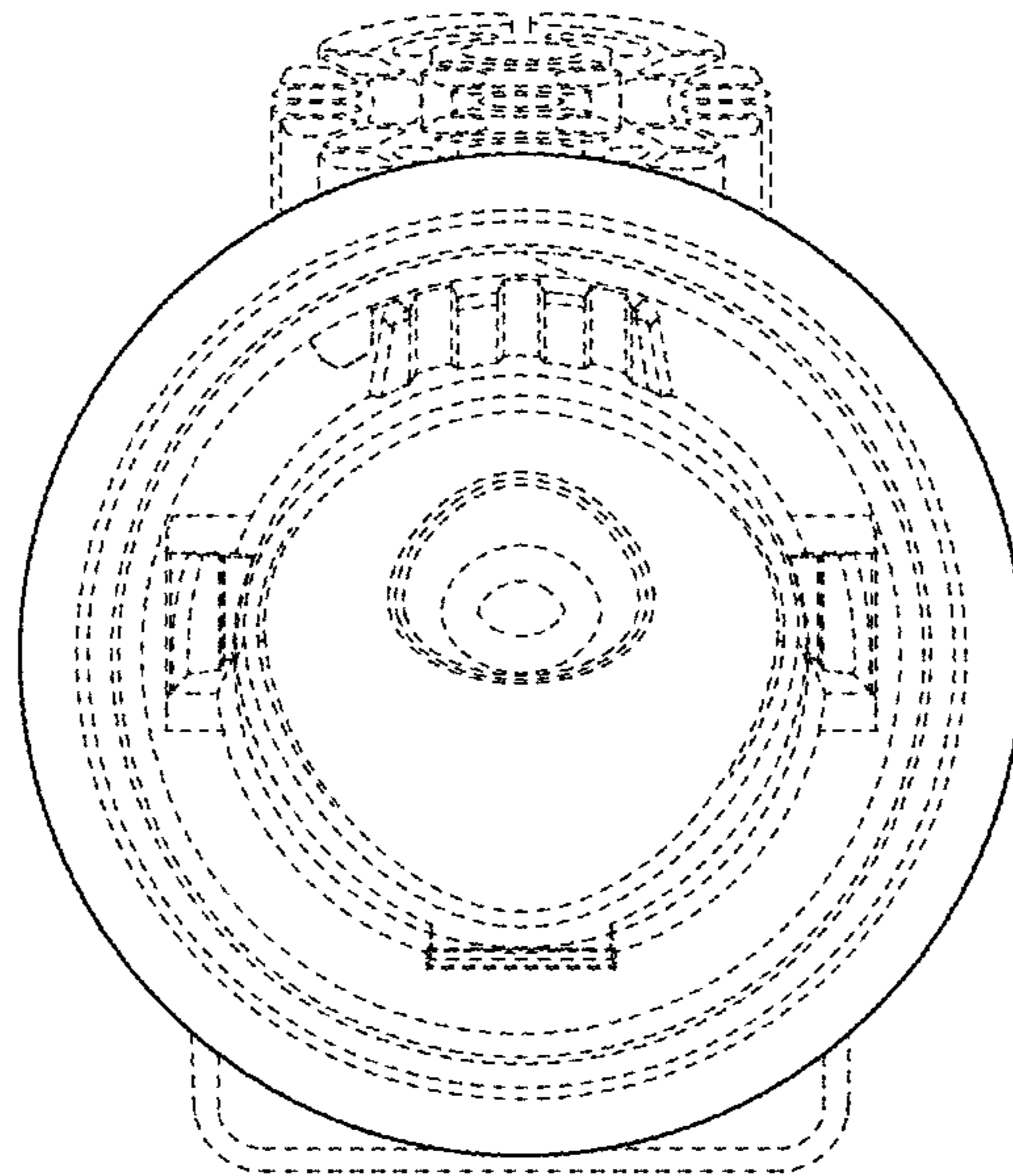


FIG. 7