



US00D822007S

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

(10) **Patent No.:** **US D822,007 S**  
(45) **Date of Patent:** **\*\* Jul. 3, 2018**

(54) **MULTIFUNCTIONAL EARPHONE**

(71) Applicant: **Human, Incorporated**, Seattle, WA  
(US)

(72) Inventors: **Benjamin S. Willis**, Bellevue, WA  
(US); **Adam Abraham Jossem**, Seattle,  
WA (US); **Stephen John Minarsch**,  
Seattle, WA (US); **Dae Il Kwon**,  
Edmonds, WA (US); **Francesca**  
**Alyssum Quaglia**, Seattle, WA (US);  
**Lea Martin**, Seattle, WA (US)

(73) Assignee: **Human, Incorporated**, Seattle, WA  
(US)

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

(21) Appl. No.: **29/590,321**

(22) Filed: **Jan. 9, 2017**

(51) **LOC (11) Cl.** ..... **14-01**

(52) **U.S. Cl.**  
USPC ..... **D14/223**

(58) **Field of Classification Search**  
USPC ..... D14/223, 205; D3/218, 207–209, 212;  
D8/356, 358, 354, 383; 70/421, 371,  
70/369, 208; 174/135, 175; 242/405.2,  
242/410, 386, 395, 405, 388.1; 455/90.3,  
455/575.1, 569.1

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,468,721 A \* 4/1949 Volkmann ..... H04R 1/1008  
181/129  
2,603,429 A \* 7/1952 Jaworowski ..... A01K 89/08  
242/224

2,606,255 A \* 8/1952 Tullis ..... H04M 1/05  
379/446  
2,905,743 A \* 9/1959 Sylvester ..... H01B 17/16  
174/71 R  
3,409,246 A \* 11/1968 De Pas ..... B65H 75/4434  
242/378.2

(Continued)

*Primary Examiner* — Paula Allen Greene

(74) *Attorney, Agent, or Firm* — Seed IP Law Group LLP

(57) **CLAIM**

The ornamental design for a multifunctional earphone, sub-  
stantially as shown and described.

**DESCRIPTION**

FIG. 1 is a skewed isometric view of a multifunctional  
earphone from one perspective, showing our new design for  
the left ear.

FIG. 2 is a skewed isometric view thereof from another  
perspective.

FIG. 3 is a skewed isometric view thereof from yet another  
perspective.

FIG. 4 is a front elevational view thereof.

FIG. 5 is a rear elevational view thereof.

FIG. 6 is a left side elevational view thereof.

FIG. 7 is a right side elevational view thereof.

FIG. 8 is a top plan view thereof.

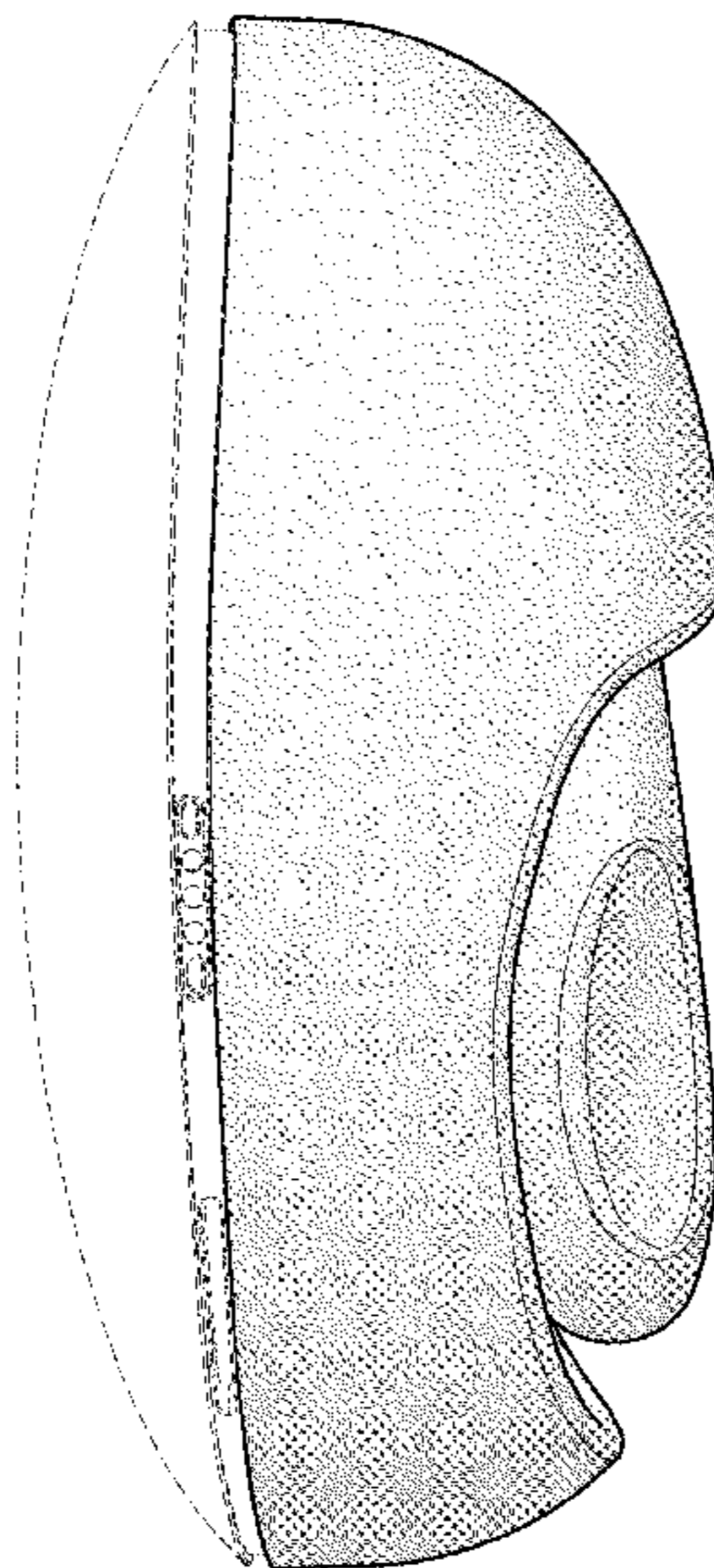
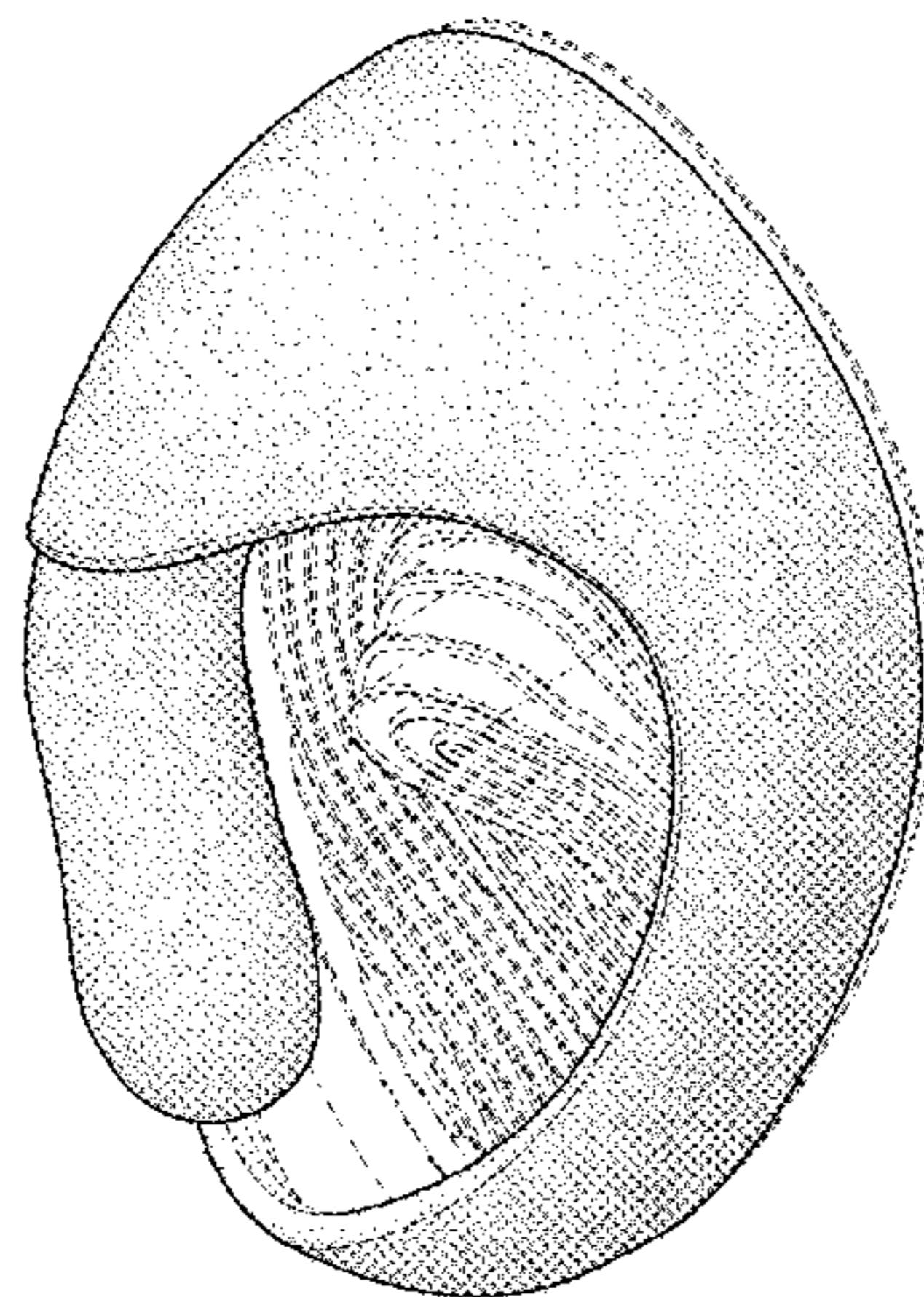
FIG. 9 is a bottom plan view thereof; and,

FIG. 10 is a skewed isometric view thereof from one  
perspective with a cover portion removed to reveal addi-  
tional details of the multifunctional earphone.

Another embodiment for the right ear is provided, which is  
a mirror image of the embodiment for the left ear shown in  
FIGS. 1 through 10.

Stippling and tangency lines in the drawings represent the  
three-dimensional contours of the design, and are not  
intended to indicate surface decoration. The broken lines in  
the drawings are for illustrative purposes only and form no  
part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

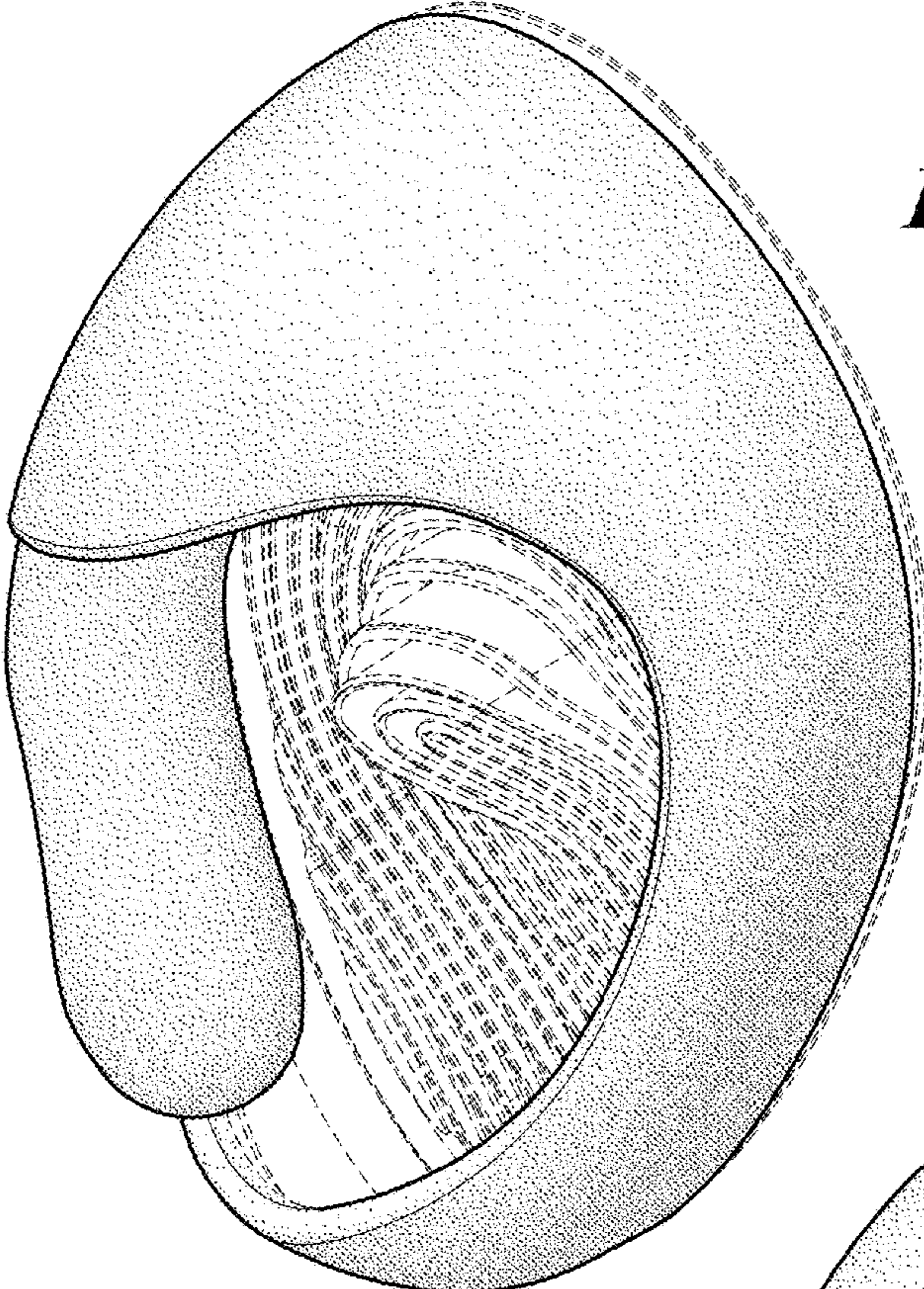
References Cited

U.S. PATENT DOCUMENTS

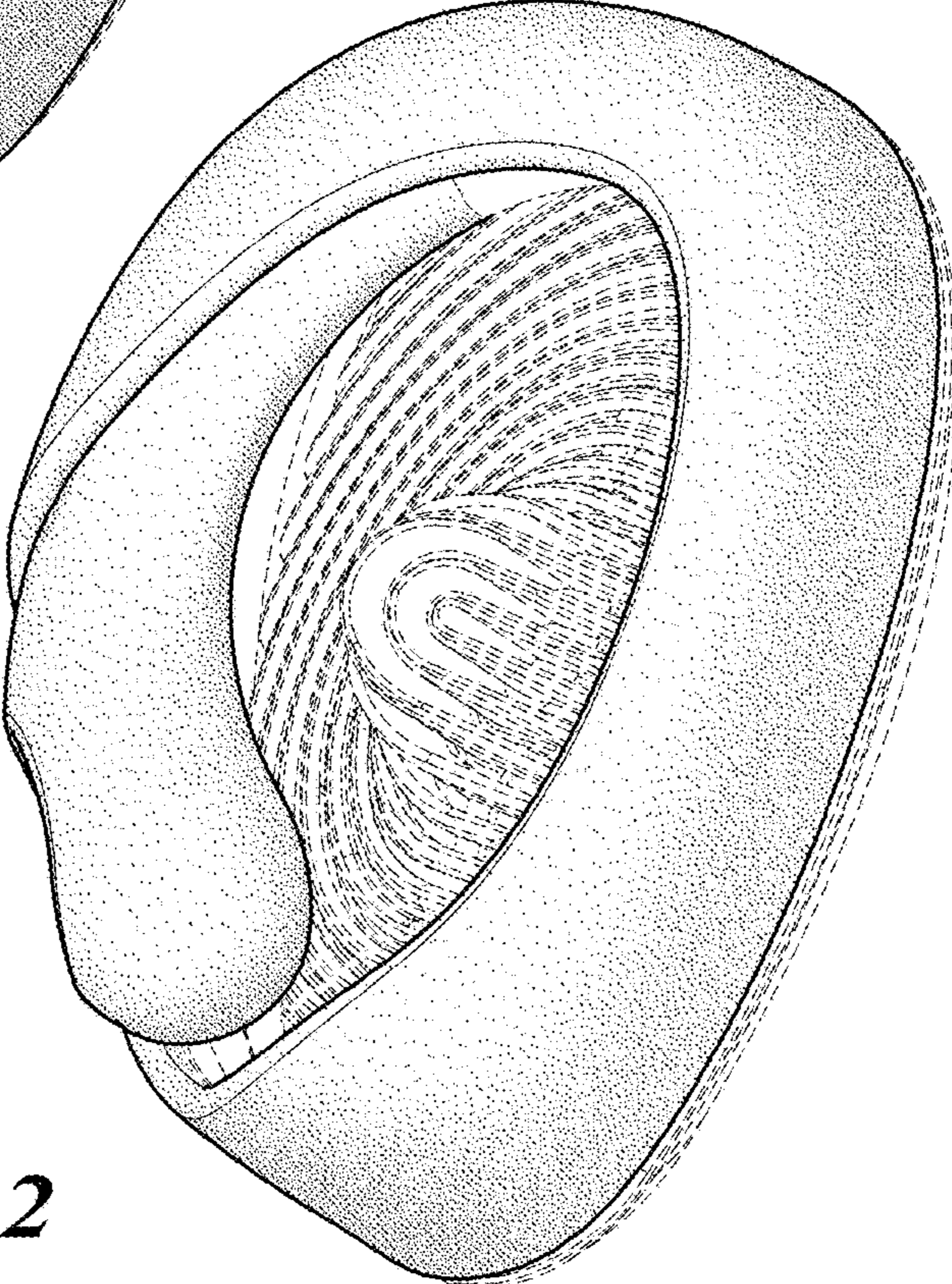
3,869,584 A \* 3/1975 Wilde ..... H04M 1/05  
379/430  
4,073,449 A \* 2/1978 Pilat ..... H02G 11/02  
191/12.4  
4,654,898 A \* 4/1987 Ishikawa ..... H04R 1/1008  
2/209  
4,802,638 A \* 2/1989 Burger ..... B65H 75/143  
242/388.1  
4,910,362 A \* 3/1990 Kinner ..... D06F 75/28  
174/135  
4,946,010 A \* 8/1990 DiBono ..... H02G 11/02  
191/12.2 R  
D311,521 S \* 10/1990 Jonsson ..... D14/206  
D324,644 S \* 3/1992 Jacobs ..... D8/356  
D333,917 S \* 3/1993 Daido ..... D3/218  
5,422,957 A \* 6/1995 Cummins ..... B65H 75/4431  
381/384  
D364,795 S \* 12/1995 Mekyska ..... D8/354  
5,481,607 A \* 1/1996 Hsiao ..... H04M 1/15  
242/385.1  
5,684,883 A \* 11/1997 Chen ..... H02G 11/02  
381/370  
D388,093 S \* 12/1997 Fregley ..... D14/223  
5,832,098 A \* 11/1998 Chen ..... H04M 1/05  
381/370  
5,992,787 A \* 11/1999 Burke ..... H02G 11/02  
206/409  
6,059,081 A \* 5/2000 Patterson ..... H02G 11/02  
191/12.2 A  
D449,295 S \* 10/2001 Smith ..... D14/142  
6,374,126 B1 \* 4/2002 MacDonald, Jr. .... H04M 1/05  
381/309  
D456,692 S \* 5/2002 Epstein ..... D8/356

6,431,500 B1 \* 8/2002 Jacobs ..... F16L 3/13  
24/129 R  
D463,518 S \* 9/2002 Hunter ..... D21/754  
6,474,585 B2 \* 11/2002 Liao ..... B65H 75/04  
191/12.2 R  
6,542,757 B2 \* 4/2003 Bae ..... H04M 1/15  
379/428.02  
D489,529 S \* 5/2004 Vish ..... D3/218  
7,006,649 B2 \* 2/2006 Natvig ..... H04R 1/1058  
381/370  
D523,845 S \* 6/2006 Smith ..... D14/205  
7,086,512 B2 \* 8/2006 Shack ..... H04M 1/15  
191/12 R  
D572,128 S \* 7/2008 Poulsen ..... D8/395  
D585,429 S \* 1/2009 Dean ..... D14/223  
D585,880 S \* 2/2009 Sade ..... D14/205  
D603,376 S \* 11/2009 Blasko ..... D14/223  
D612,595 S \* 3/2010 McCurdy ..... D3/218  
D618,671 S \* 6/2010 Hou ..... D14/217  
D620,781 S \* 8/2010 Weckworth ..... D8/356  
D622,705 S \* 8/2010 Fahrendorff ..... D14/223  
D628,990 S \* 12/2010 Pedersen ..... D14/223  
D629,286 S \* 12/2010 Laskowski ..... D8/356  
D638,398 S \* 5/2011 Morison ..... D14/205  
D661,570 S \* 6/2012 Fox ..... D8/356  
D699,215 S \* 2/2014 Koch ..... D14/205  
D716,770 S \* 11/2014 Bonahoom ..... D14/223  
D720,606 S \* 1/2015 Mathews ..... D8/356  
D734,022 S \* 7/2015 Harper ..... D3/201  
D744,456 S \* 12/2015 Pedersen ..... D14/223  
9,538,280 B2 \* 1/2017 Willis ..... H04R 1/105  
2005/0157899 A1 \* 7/2005 Raviv ..... H04R 1/1008  
381/322  
2008/0075314 A1 \* 3/2008 Chang ..... H04R 1/10  
381/371

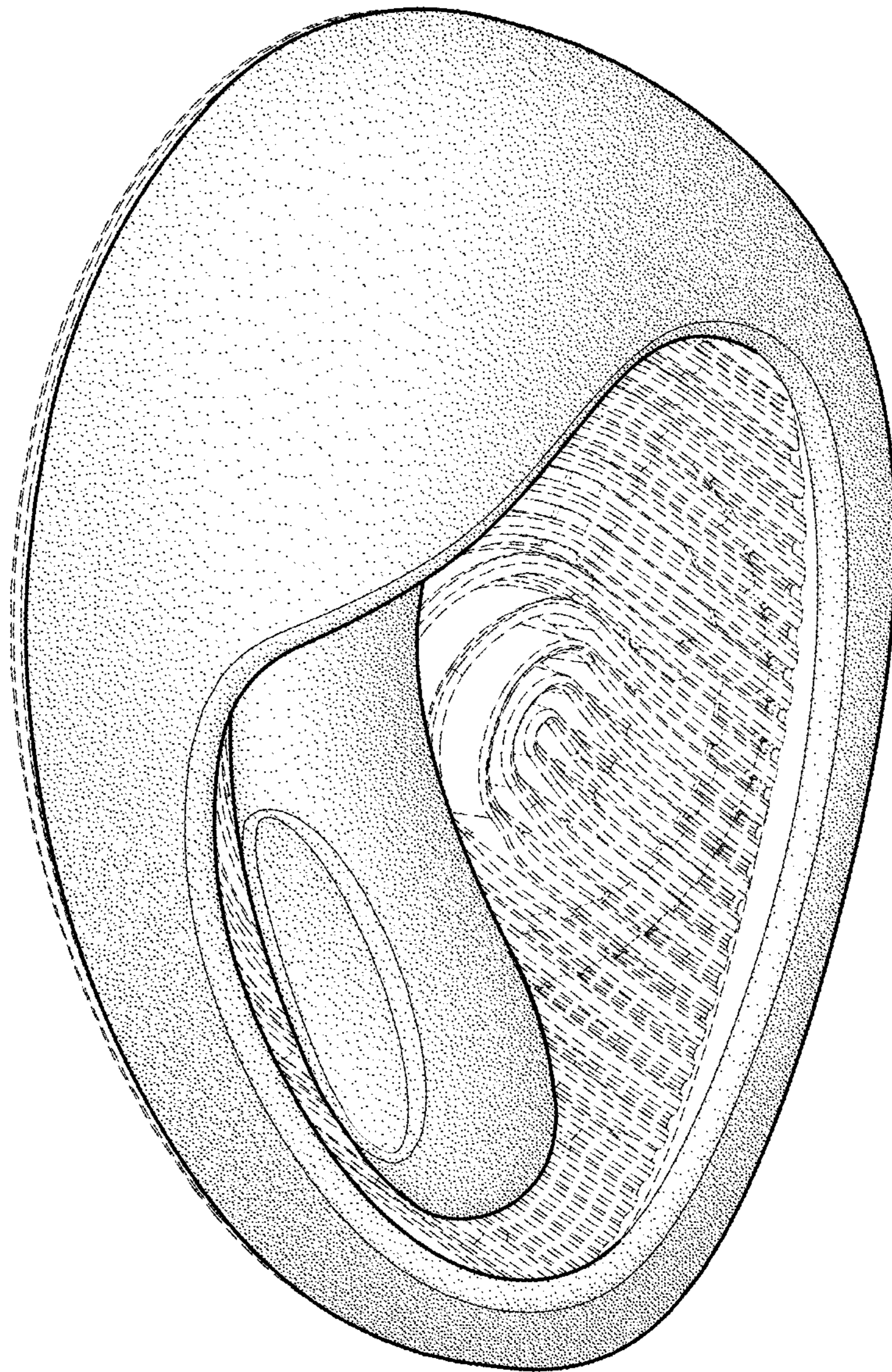
\* cited by examiner



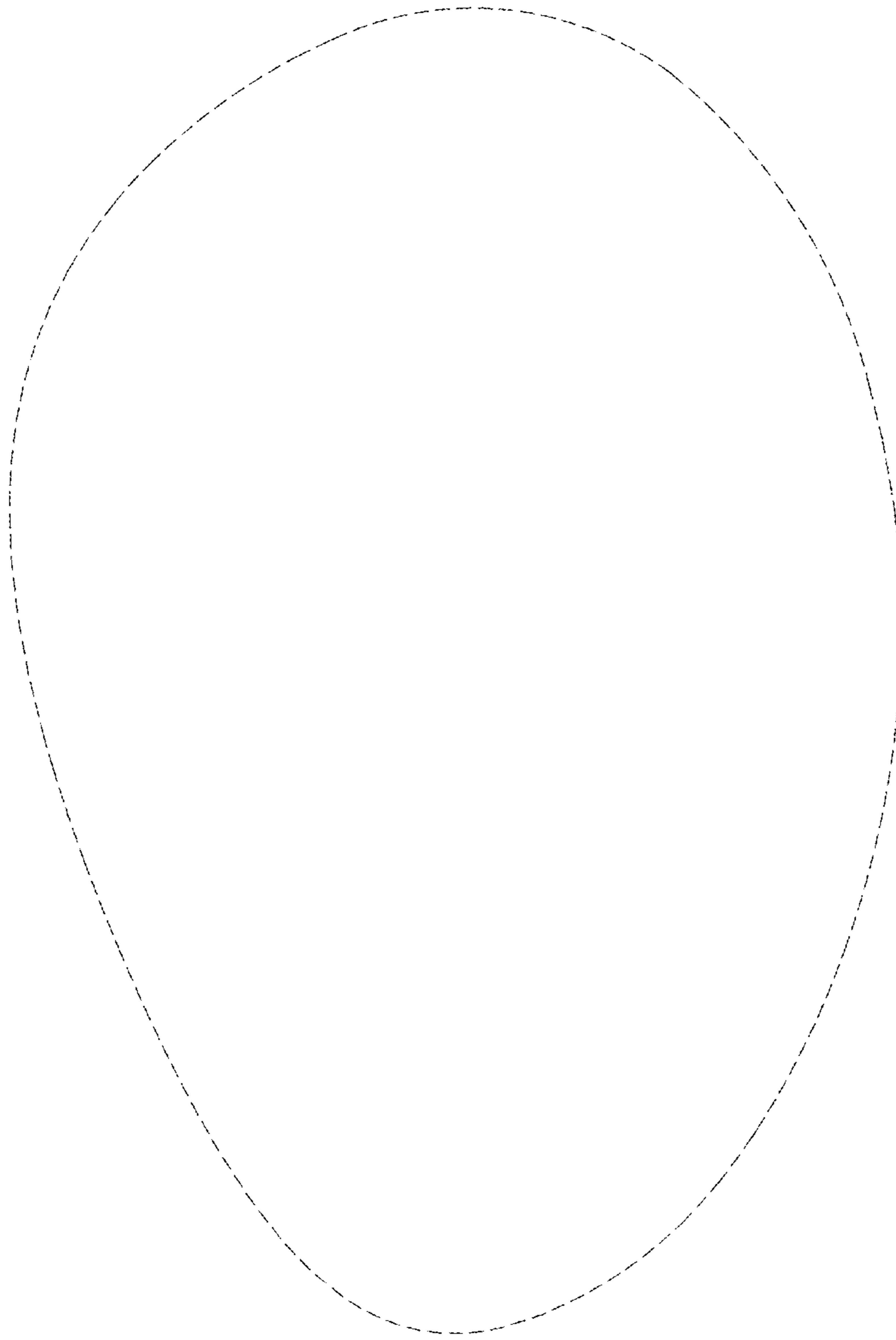
**FIG.1**



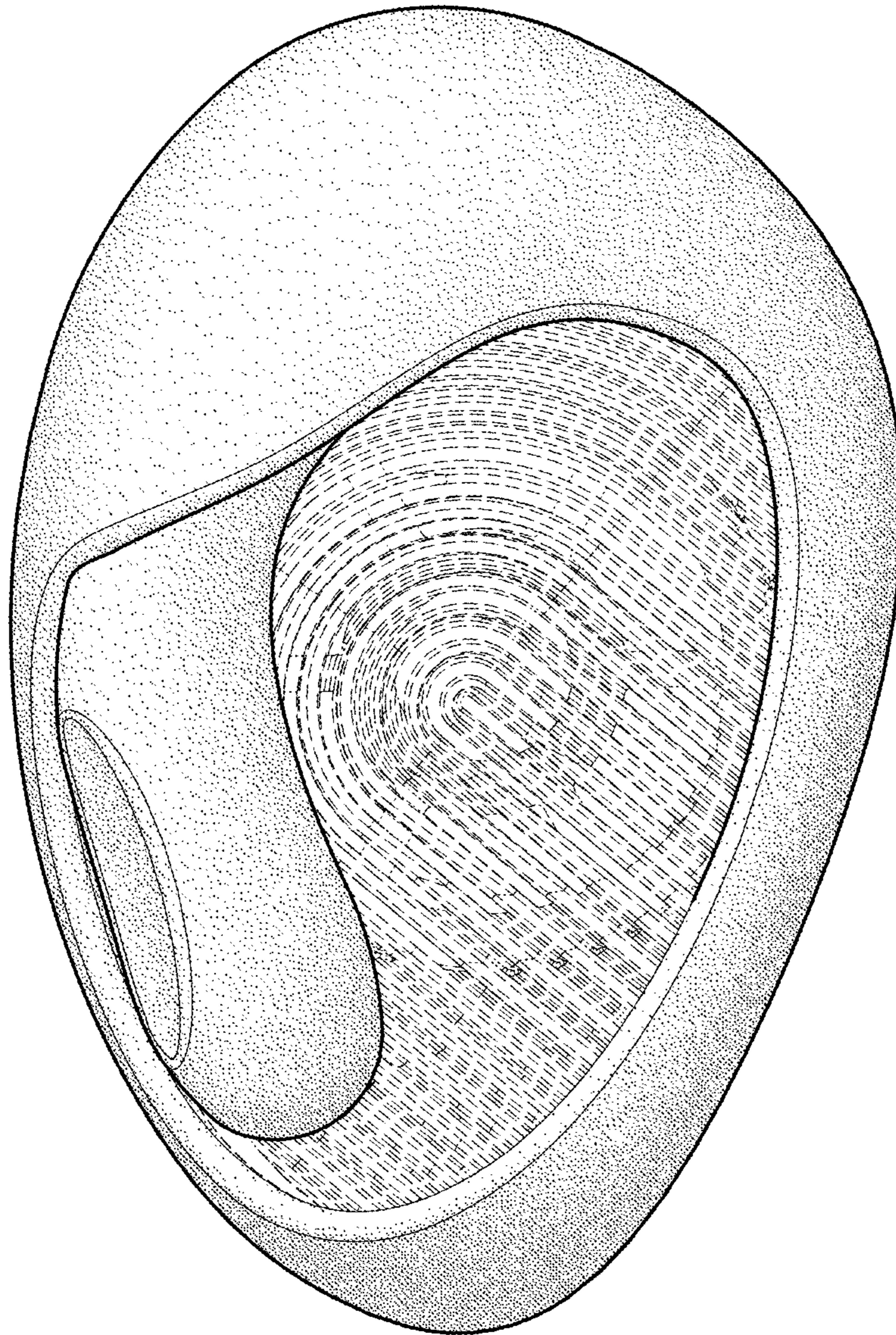
**FIG.2**



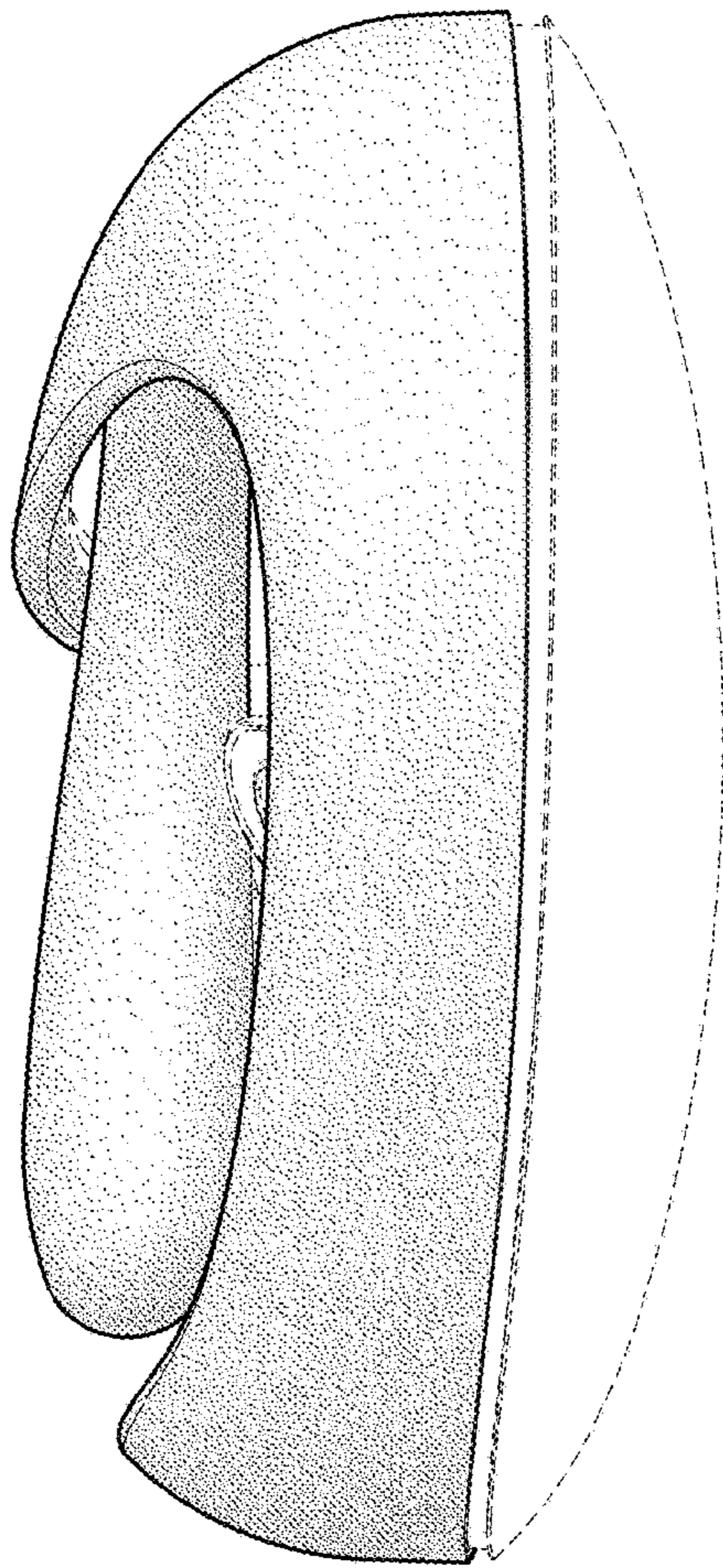
***FIG. 3***



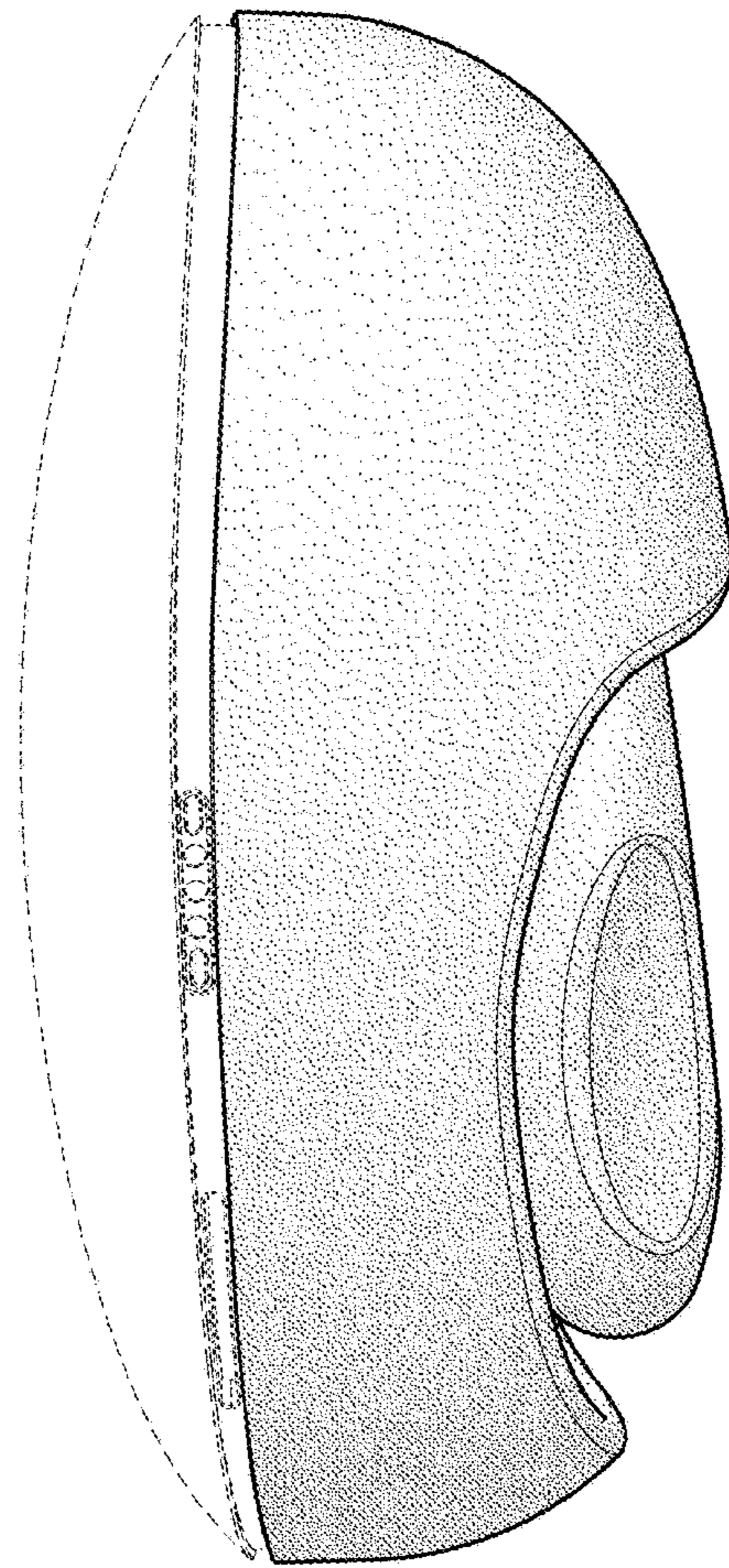
***FIG.4***



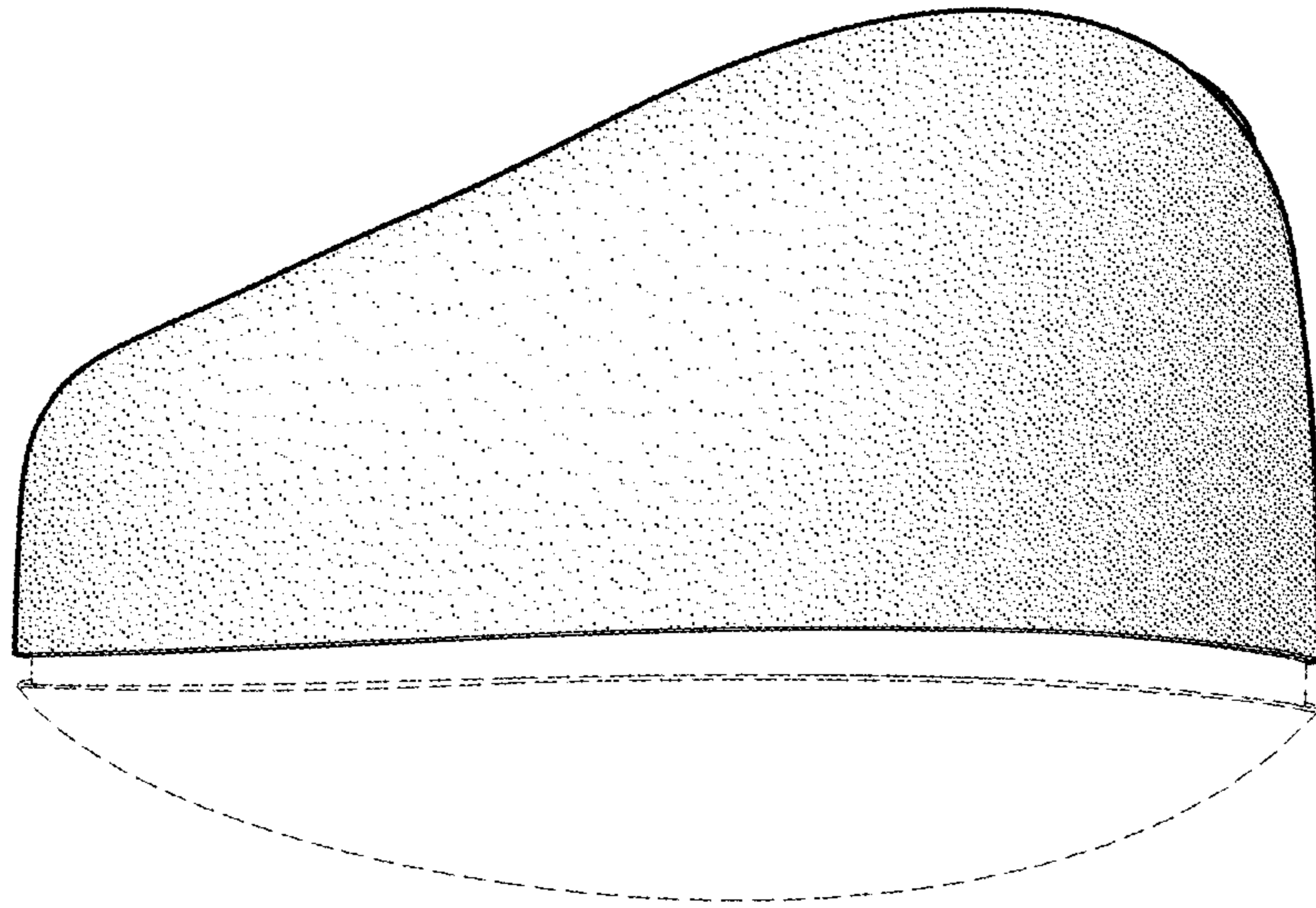
***FIG. 5***



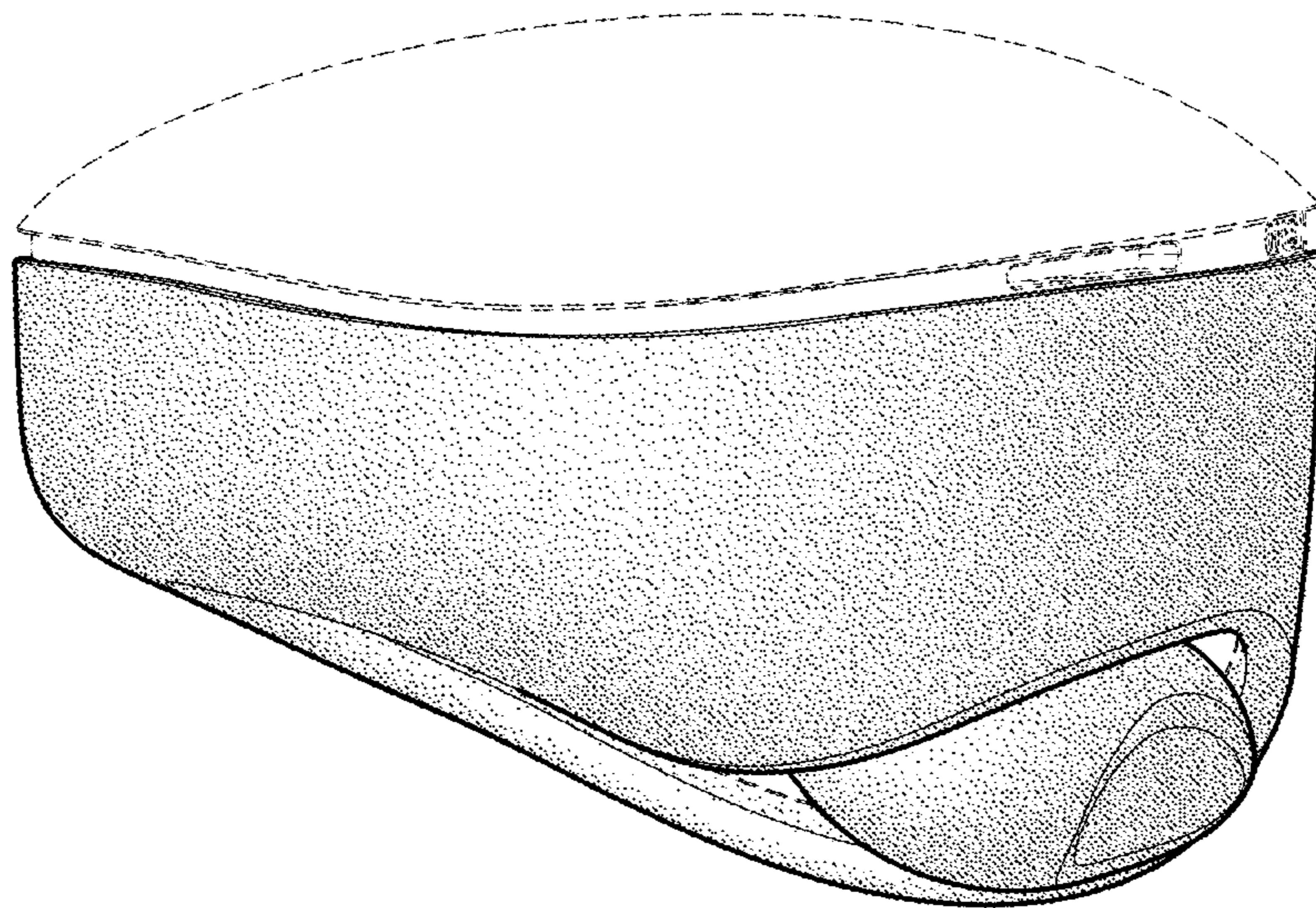
**FIG. 6**



**FIG. 7**

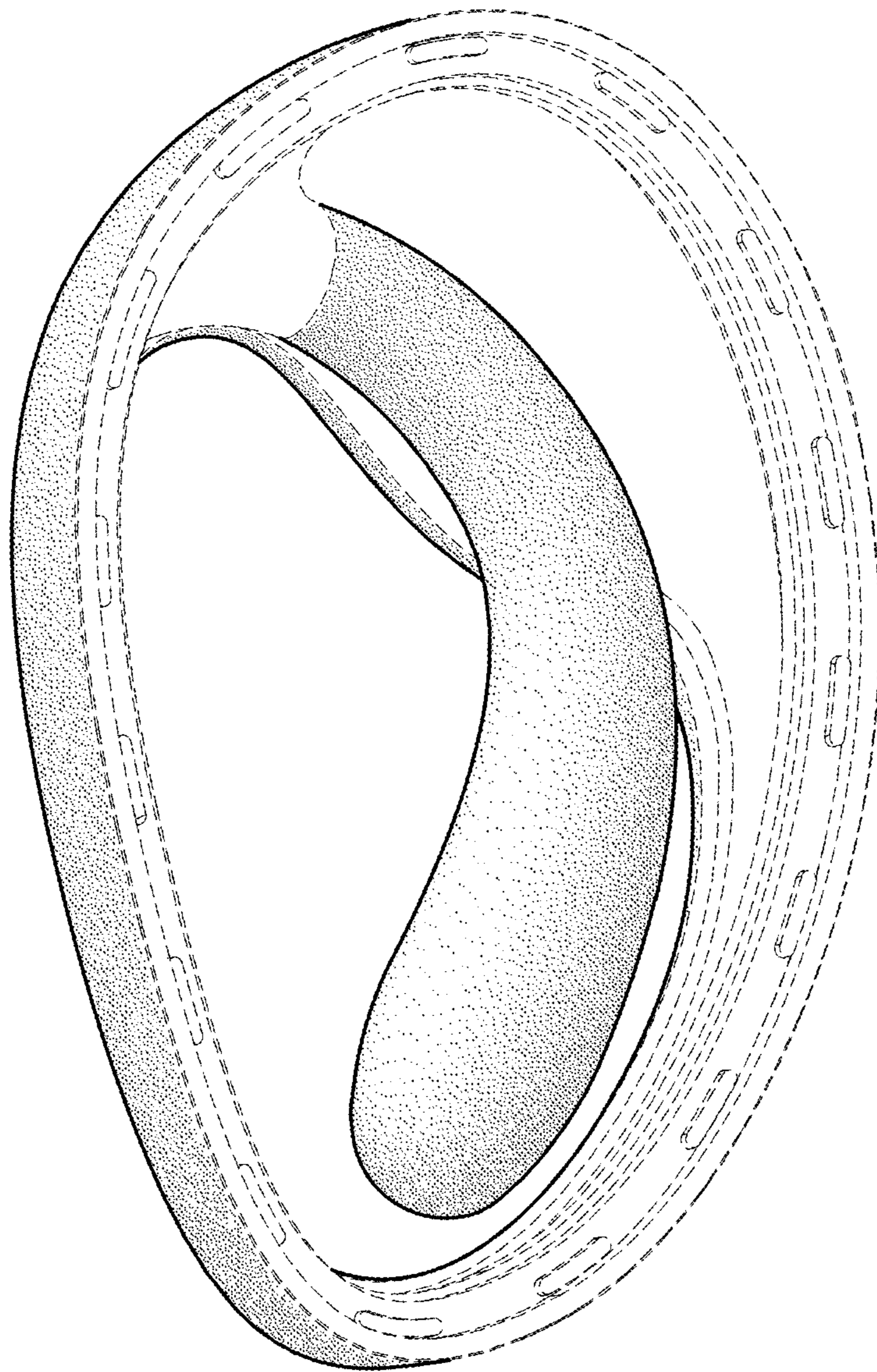


***FIG. 8***



***FIG. 9***





***FIG. 10***