



US00D729393S

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

(10) **Patent No.:** **US D729,393 S**

(45) **Date of Patent:** **** May 12, 2015**

(54) **OUTSOLE FOR AN ORTHOPEDIC DEVICE**

(71) Applicant: **Ossur HF**, Reykjavik (IS)

(72) Inventors: **Adam Dunn**, Laguna Niguel, CA (US);
Gil David Manalo, San Clemente, CA (US)

(73) Assignee: **Ossur HF**, Reykjavik (IE)

(**) Term: **14 Years**

(21) Appl. No.: **29/486,221**

(22) Filed: **Mar. 27, 2014**

(51) **LOC (10) Cl.** **24-04**

(52) **U.S. Cl.**
USPC **D24/192; D2/951**

(58) **Field of Classification Search**
CPC A43B 7/144; A43B 13/12; A43B 7/1445;
A43B 13/145; A43B 13/141; A43B 13/16;
A43B 7/142
USPC D24/190, 192, 211, 212, 213, 215;
D2/914, 946, 947, 949, 951, 953, 961;
36/43, 146, 147, 154, 155, 166, 173,
36/174, 180

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,888,016 A	5/1959	De Lamater
3,464,126 A	9/1969	Sarkissian
3,580,248 A	5/1971	Larson
3,685,176 A	8/1972	Rudy
3,760,056 A	9/1973	Rudy
3,786,805 A	1/1974	Tourin
3,792,537 A	2/1974	Plank et al.
3,814,088 A	6/1974	Raymond
3,834,377 A	9/1974	Lebold
3,922,800 A	12/1975	Miller et al.
3,955,565 A	5/1976	Johnson, Jr.

4,045,888 A	9/1977	Oxenberg
4,057,056 A	11/1977	Payton
4,142,307 A	3/1979	Martin
4,184,273 A	1/1980	Boyer et al.
4,217,706 A	8/1980	Vartanian
4,217,893 A	8/1980	Payton
4,232,459 A	11/1980	Vaccari
4,414,965 A	11/1983	Mauldin et al.

(Continued)

FOREIGN PATENT DOCUMENTS

DE	2341658 A1	3/1974
DE	3228753 A1	2/1984

(Continued)

OTHER PUBLICATIONS

International Search Report from PCT Application No. PCT/US20091003018, Jul. 24, 2009.

(Continued)

Primary Examiner — George D Kirschbaum

Assistant Examiner — Jennifer Watkins

(74) *Attorney, Agent, or Firm* — Workman Nydegger

(57) **CLAIM**

The ornamental design for an outsole for an orthopedic device, as shown and described.

DESCRIPTION

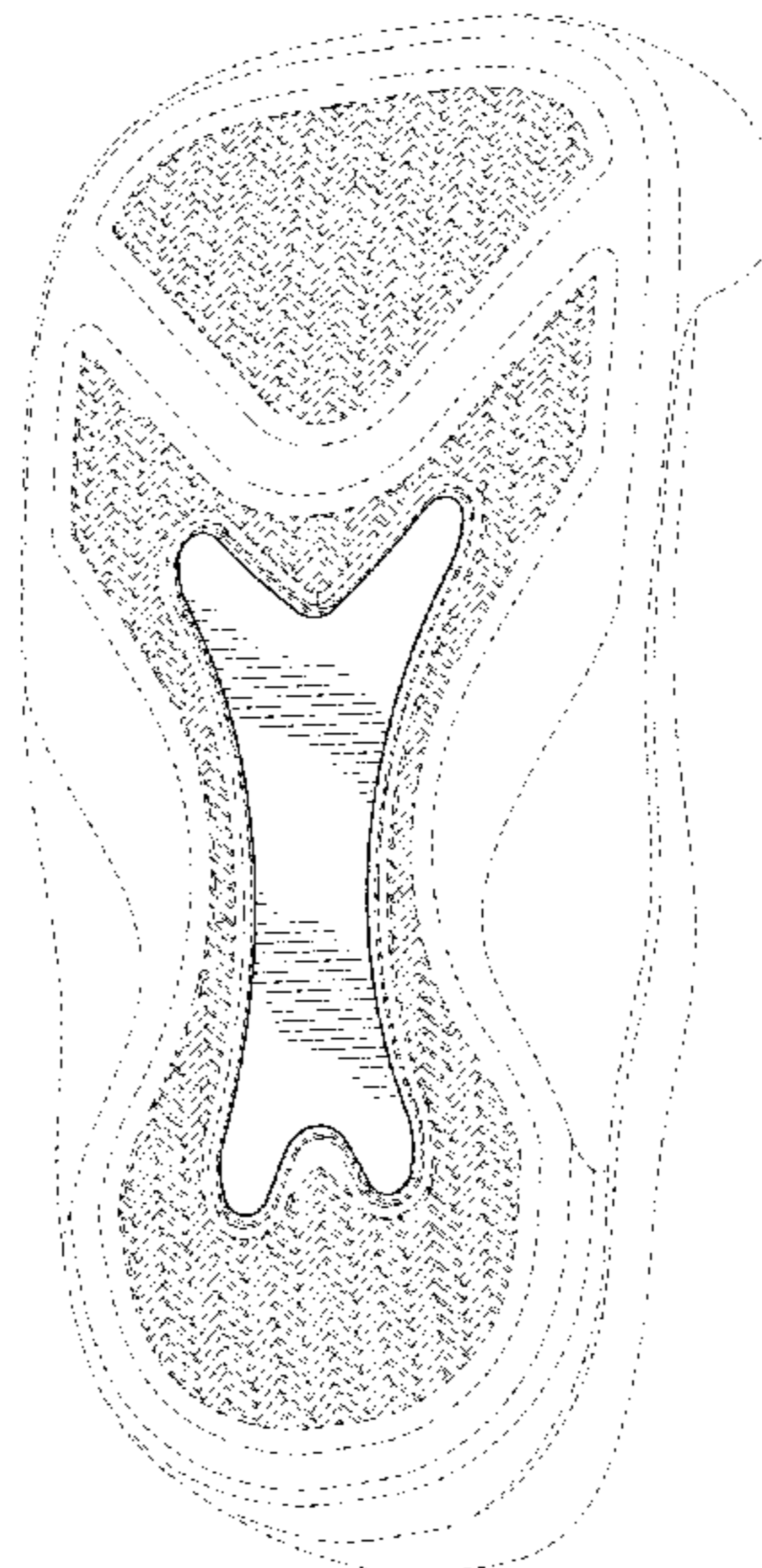
FIG. 1 is a perspective view of an outsole for an orthopedic device showing the design;

FIG. 2 is a bottom plan view of the outsole of FIG. 1;

FIG. 3 is a front elevational view of the outsole of FIG. 1; and, FIG. 4 is a back elevational view of the outsole of FIG. 1.

The broken lines are included for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D272,281 S	1/1984	Alush	D401,042 S *	11/1998	Davis	D2/951
4,446,856 A	5/1984	Jordan	5,833,639 A	11/1998	Nunes et al.	
4,494,536 A	1/1985	Latenser	5,846,063 A	12/1998	Lakic	
4,505,269 A	3/1985	Davies et al.	5,853,380 A	12/1998	Miller	
4,550,721 A	11/1985	Michel	5,857,987 A	1/1999	Habermeyer	
4,565,017 A	1/1986	Ottieri	5,868,690 A	2/1999	Eischen, Sr.	
4,572,169 A	2/1986	Mauldin et al.	5,913,841 A	6/1999	Lamont	
4,587,962 A	5/1986	Greene et al.	5,934,599 A	8/1999	Hammerslag	
4,620,378 A	11/1986	Sartor	5,961,477 A	10/1999	Turtzo	
4,633,599 A	1/1987	Morell et al.	5,993,404 A	11/1999	McNiel	
4,660,300 A	4/1987	Morell et al.	6,000,148 A	12/1999	Cretinon	
4,669,202 A	6/1987	Ottieri	6,021,780 A	2/2000	Darby	
4,680,878 A	7/1987	Pozzobon et al.	6,027,468 A	2/2000	Pick	
4,719,710 A	1/1988	Pozzobon	6,044,578 A	4/2000	Kelz	
4,741,115 A	5/1988	Pozzobon	6,202,953 B1	3/2001	Hammerslag	
4,748,726 A	6/1988	Schoch	6,228,044 B1	5/2001	Jensen et al.	
4,760,653 A	8/1988	Baggio	6,267,742 B1	7/2001	Krivosha et al.	
4,771,768 A	9/1988	Crispin	RE37,338 E	8/2001	McVicker	
D299,787 S	2/1989	Bates	6,289,558 B1	9/2001	Hammerslag	
4,805,601 A	2/1989	Eischen, Sr.	6,334,854 B1	1/2002	Davis	
4,872,273 A	10/1989	Smeed	6,361,514 B1	3/2002	Brown et al.	
4,879,822 A	11/1989	Hayes	6,377,178 B1	4/2002	DeToro et al.	
4,934,355 A	6/1990	Porcelli	6,409,691 B1	6/2002	Dakin et al.	
4,947,838 A	8/1990	Giannetti	6,432,073 B2	8/2002	Pior et al.	
5,065,481 A	11/1991	Walkhoff	D473,654 S	4/2003	Iglesias et al.	
5,078,128 A	1/1992	Grim et al.	6,572,571 B2	6/2003	Lowe	
5,125,400 A	6/1992	Johnson, Jr.	D476,799 S	7/2003	Fuerst	
D329,527 S	9/1992	Cohen	6,589,194 B1	7/2003	Calderon et al.	
5,143,058 A	9/1992	Luber et al.	6,682,497 B2	1/2004	Jensen et al.	
5,152,038 A	10/1992	Schoch	6,755,798 B2	6/2004	McCarthy et al.	
5,154,695 A	10/1992	Farris et al.	D500,855 S	1/2005	Pick et al.	
5,157,813 A	10/1992	Carroll	6,866,043 B1	3/2005	Davis	
5,176,623 A	1/1993	Stetman et al.	D505,727 S	5/2005	Krahner et al.	
5,183,036 A	2/1993	Spademan	6,945,944 B2	9/2005	Kuiper et al.	
5,197,942 A	3/1993	Brady	6,976,972 B2	12/2005	Bradshaw	
D337,876 S	8/1993	Kilbey	6,991,613 B2	1/2006	Sensabaugh	
5,233,767 A	8/1993	Kramer	7,010,823 B2	3/2006	Baek	
5,242,379 A	9/1993	Harris et al.	7,018,351 B1	3/2006	Iglesias et al.	
5,249,377 A	10/1993	Walkhoff	7,198,610 B2	4/2007	Ingimundarson et al.	
5,277,695 A	1/1994	Johnson, Jr. et al.	7,281,341 B2	10/2007	Reagan et al.	
D344,589 S	2/1994	Kilbey	7,288,076 B2	10/2007	Grim et al.	
5,288,286 A	2/1994	Davis et al.	7,303,538 B2	12/2007	Grim et al.	
5,325,613 A	7/1994	Sussmann	7,311,686 B1	12/2007	Iglesias et al.	
5,329,705 A	7/1994	Grim et al.	7,354,411 B2	4/2008	Perry et al.	
D352,784 S	11/1994	Cohen et al.	7,384,584 B2	6/2008	Jerome et al.	
5,368,549 A	11/1994	McVicker	D575,039 S *	8/2008	Amado et al.	D2/947
5,368,551 A	11/1994	Zuckerman	7,418,755 B2	9/2008	Bledsoe et al.	
5,370,133 A	12/1994	Darby et al.	D592,755 S	5/2009	Chang et al.	
5,378,223 A	1/1995	Grim et al.	D596,386 S *	7/2009	Brambilla	D2/953
5,399,152 A	3/1995	Habermeyer et al.	7,591,050 B2	9/2009	Hammerslag	
5,425,701 A	6/1995	Oster et al.	D614,775 S	4/2010	Snively	
5,426,872 A	6/1995	Hayes	D616,556 S	5/2010	Hu	
5,429,588 A	7/1995	Young et al.	7,727,174 B2	6/2010	Chang et al.	
5,435,009 A	7/1995	Schild et al.	D634,438 S	3/2011	Hu	
5,441,015 A	8/1995	Farley	D634,852 S	3/2011	Hu	
D363,780 S	10/1995	Darby et al.	D636,157 S *	4/2011	Nascimento	D2/951
5,464,385 A	11/1995	Grim	D636,159 S *	4/2011	Petrie	D2/951
5,477,593 A	12/1995	Leick	D642,363 S *	8/2011	Rajmohan et al.	D2/961
5,496,263 A	3/1996	Fuller, II et al.	D642,775 S *	8/2011	Raysse	D2/946
D375,191 S *	11/1996	Tonkel et al.	8,002,724 B2	8/2011	Hu et al.	
5,577,998 A	11/1996	Johnson, Jr. et al.	D677,866 S *	3/2013	Vestuti et al.	D2/947
D376,429 S *	12/1996	Antar	D682,517 S *	5/2013	Taylor	D2/951
5,641,322 A	6/1997	Silver et al.	8,506,510 B2	8/2013	Hu et al.	
5,647,104 A	7/1997	James	2002/0095105 A1	7/2002	Jensen	
5,656,226 A	8/1997	McVicker	2002/0095750 A1	7/2002	Hammerslag	
D384,746 S *	10/1997	Varn	2002/0128574 A1	9/2002	Darby	
D390,345 S	2/1998	Aird et al.	2003/0093882 A1	5/2003	Gorza et al.	
5,717,996 A	2/1998	Feldmann	2003/0204938 A1	11/2003	Hammerslag	
D391,748 S *	3/1998	Koh	2004/0010212 A1	1/2004	Kuiper et al.	
5,761,834 A	6/1998	Grim et al.	2004/0019307 A1	1/2004	Grim et al.	
5,778,563 A	7/1998	Ahlbaumer	2004/0167453 A1	8/2004	Peters	
D398,439 S	9/1998	McDonald	2005/0131324 A1	6/2005	Bledsoe	
5,819,378 A	10/1998	Doyle	2005/0145256 A1	7/2005	Howard et al.	
5,827,210 A	10/1998	Antar et al.	2005/0165338 A1	7/2005	Iglesias et al.	
5,827,211 A	10/1998	Sellinger	2005/0171461 A1	8/2005	Pick	
			2005/0172517 A1	8/2005	Bledsoe et al.	
			2005/0274046 A1	12/2005	Schwartz	
			2006/0084899 A1	4/2006	Verkade et al.	
			2006/0135899 A1	6/2006	Jerome et al.	

(56)

References Cited

OTHER PUBLICATIONS

U.S. PATENT DOCUMENTS

2006/0135902 A1 6/2006 Ingimundarson et al.
 2006/0156517 A1 7/2006 Hammerslag et al.
 2006/0189907 A1 8/2006 Pick et al.
 2006/0217649 A1 9/2006 Rabe
 2006/0229541 A1 10/2006 Hassler et al.
 2007/0169378 A1 7/2007 Sodeberg et al.
 2007/0185425 A1 8/2007 Einarsson et al.
 2007/0191749 A1 8/2007 Barberio
 2007/0282230 A1 12/2007 Valderrabano et al.
 2007/0293798 A1 12/2007 Hu et al.
 2008/0060167 A1 3/2008 Hammerslag et al.
 2008/0060168 A1 3/2008 Hammerslag et al.
 2008/0066272 A1 3/2008 Hammerslag et al.
 2008/0066345 A1 3/2008 Hammerslag et al.
 2008/0066346 A1 3/2008 Hammerslag et al.
 2008/0083135 A1 4/2008 Hammerslag et al.
 2008/0294083 A1 11/2008 Chang et al.
 2009/0287127 A1 11/2009 Hu et al.
 2009/0287128 A1 11/2009 Ingimundarson et al.
 2012/0078148 A1 3/2012 Hu et al.
 2013/0066247 A1 3/2013 Bird et al.
 2013/0310721 A1 11/2013 Hu et al.

FOREIGN PATENT DOCUMENTS

EP 0095396 A1 11/1983
 EP 0201051 A1 11/1986
 FR 2399811 A1 3/1979
 WO 9324081 A1 12/1993

Product Information Sheet: Nextep Contour Walker, Procure, DJ Orthopedics, Jan. 1, 2008, 1 page. Retrieved from the internet, www.djortho.com.
 Product Information Sheet: Nextep Contour w/Air Walker, Procure, DJ Orthopedics, Jan. 1, 2008, 1 page. Retrieved from internet, www.djortho.com.
 Product Information Sheet: XP Achilles Walker (EU only), Aircast, Jan. 1, 2008, 4 pages. Retrieved from the internet, <http://www.aircast.com/index.asp/fuseaction/products.detail/cat/2/id/104>.
 Product Information Sheet: XP Diabetic Walker System, Aircast, Jan. 1, 2008, 4 pages. Retrieved from the internet, <http://www.aircast.com/index.asp/fuseaction/products.detail/cat/2/id/15>.
 Product Information Sheet: SP Walker (short pneumatic), Aircast, Jan. 1, 2008, 4 pages. Retrieved from the internet, <http://www.aircast.com/index.asp/fuseaction/products.detail/cat/2/id/14>.
 Product Information Sheet: FP Walker (foam pneumatic), Aircast, Jan. 1, 2008, 4 pages. Retrieved from the internet, <http://www.aircast.com/index.asp/fuseaction/products.detail/cat/2/id/75>.
 Product Information Sheet: XP Walker (extra pneumatic), Aircast, Jan. 1, 2008, 4 pages. Retrieved from the internet, <http://www.aircast.com/index.asp/fuseaction/products.detail/cat/2/id/76>.

* cited by examiner

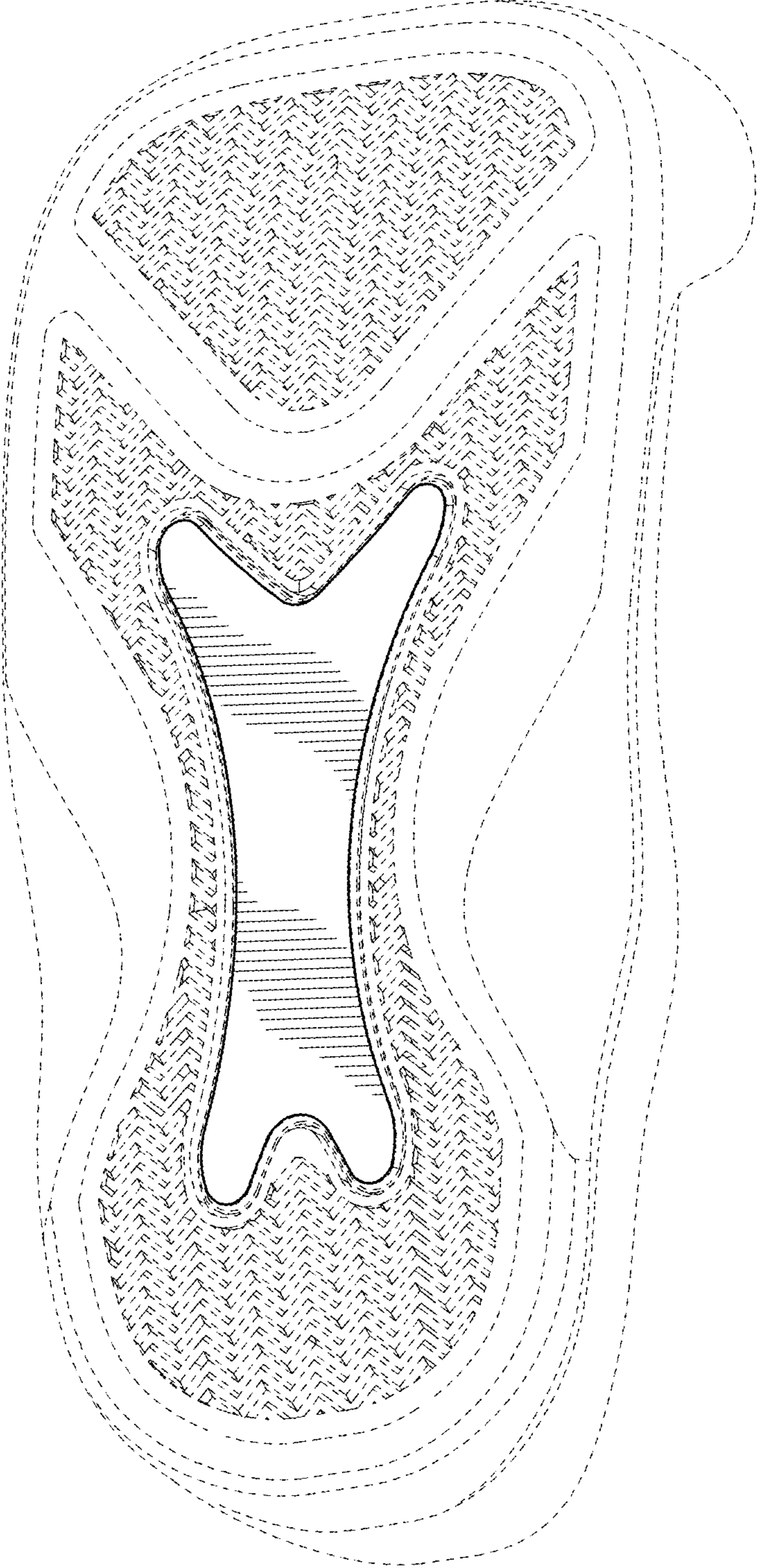


FIG. 1

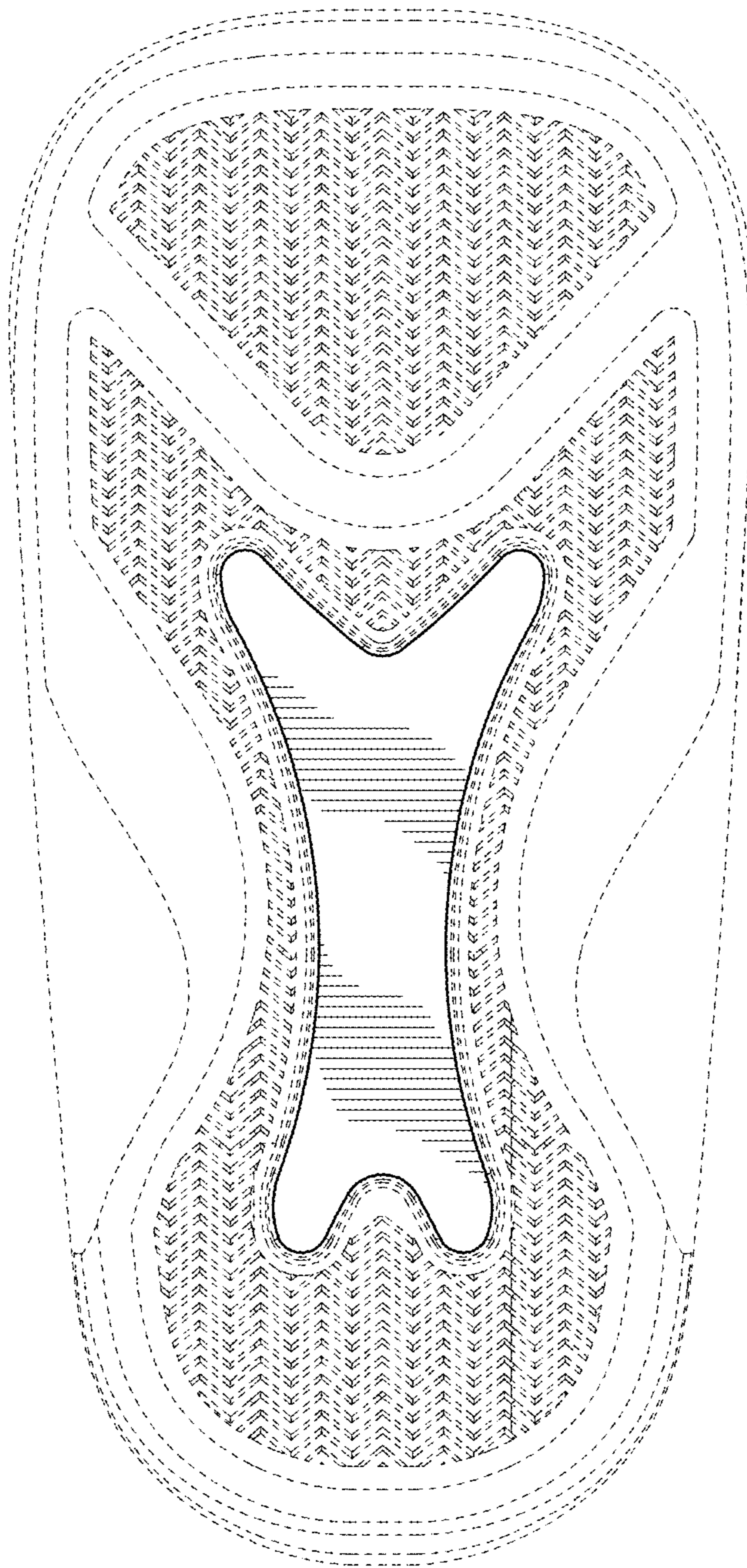


FIG. 2

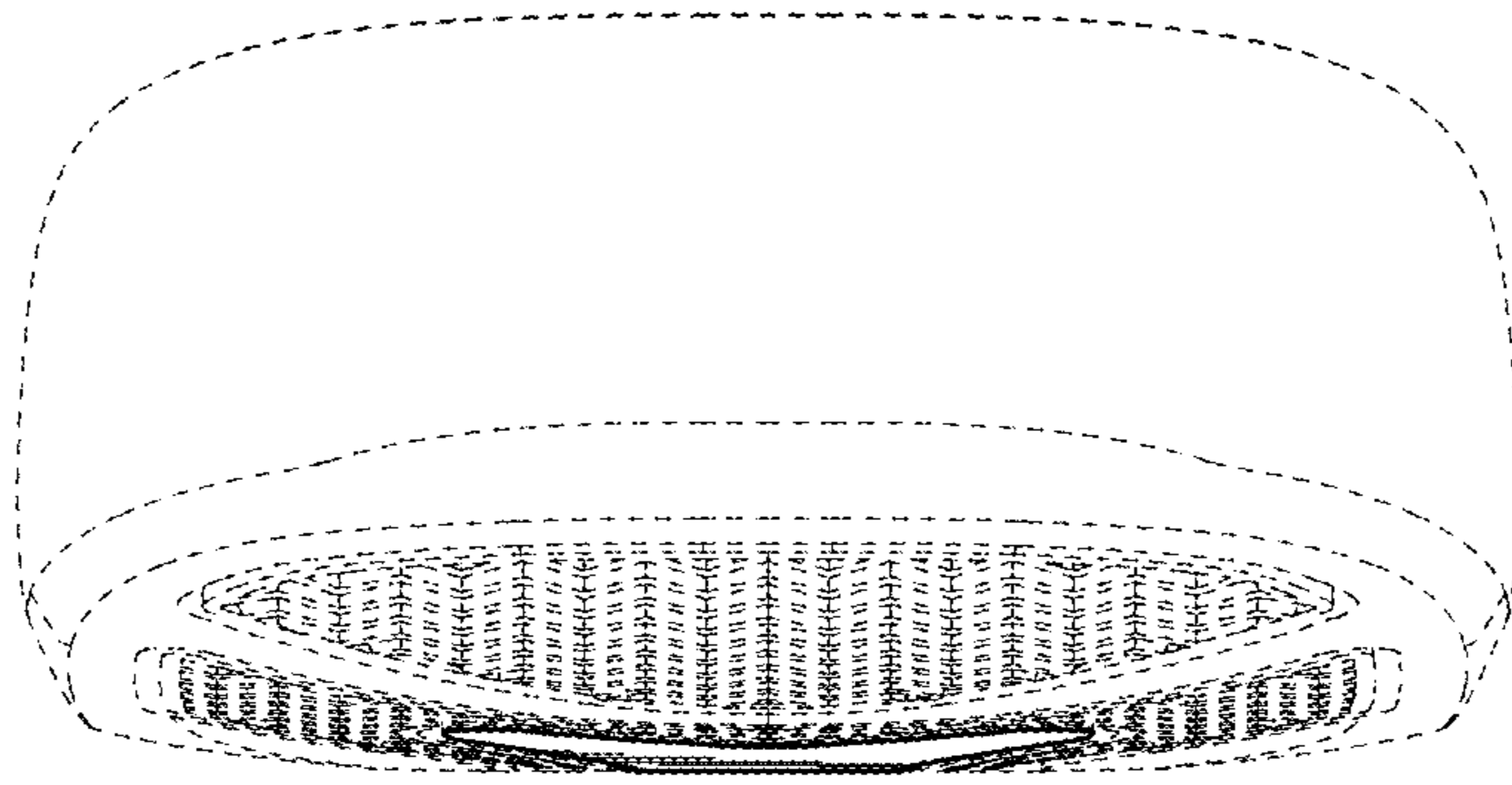


FIG. 3

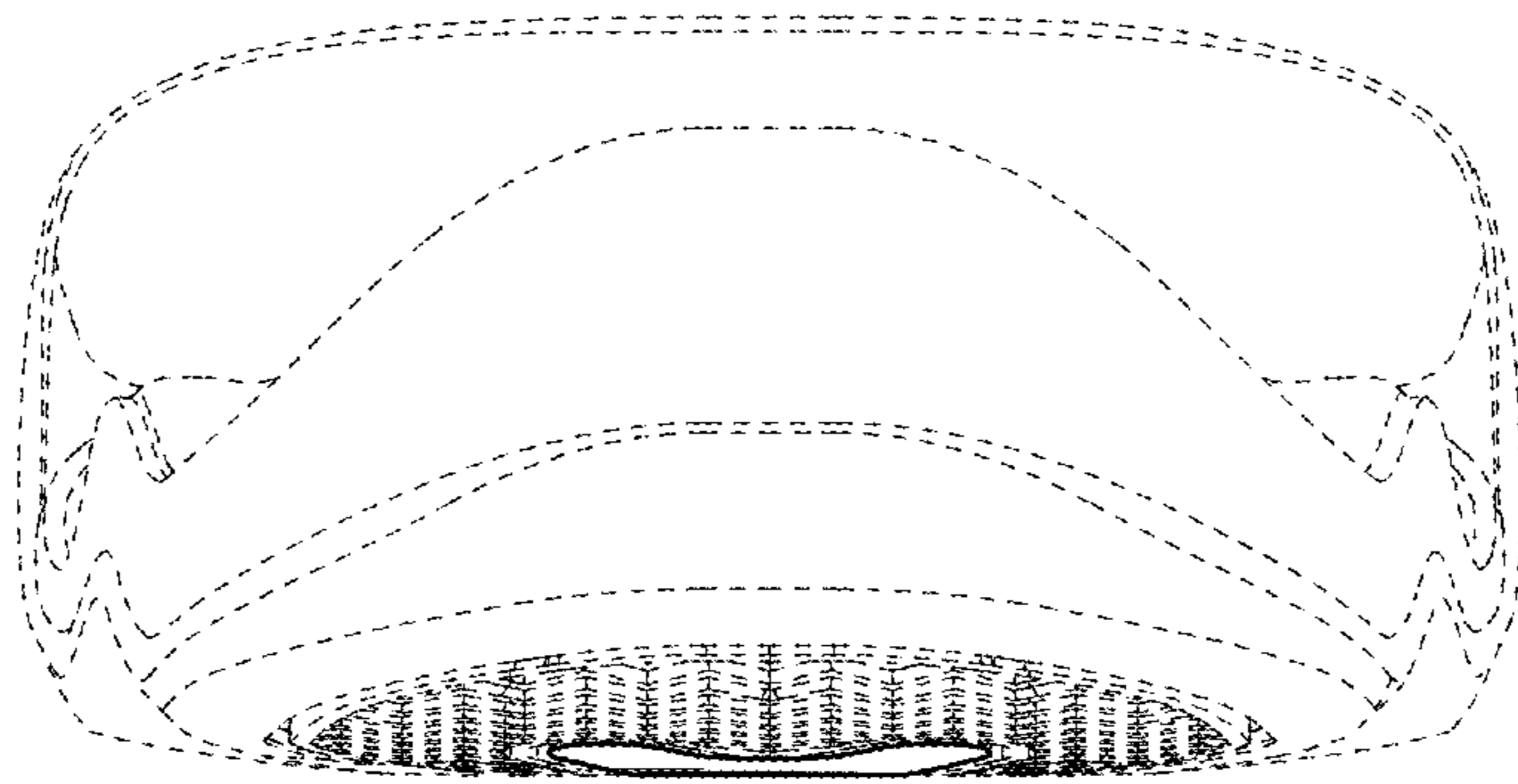


FIG. 4