



US00D932170S

(12) **United States Design Patent** (10) **Patent No.:** **US D932,170 S**
Buck et al. (45) **Date of Patent:** **** Oct. 5, 2021**

- (54) **INSOLE**
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- (**) Term: **15 Years**
- (21) Appl. No.: **29/725,050**
- (22) Filed: **Feb. 21, 2020**

- (56) **References Cited**
- U.S. PATENT DOCUMENTS
- 545,006 A 8/1895 Baird
- 1,236,427 A * 8/1917 Halley A43B 7/142
36/44
- 1,335,981 A 4/1920 Morton
(Continued)

- FOREIGN PATENT DOCUMENTS
- AU 655267 2/1993
- EP 08207062 A2 1/1998
(Continued)

- OTHER PUBLICATIONS
- Sof Sole Arch Insole, <https://www.pinterest.com/pin/60024607513888497/>, <https://www.pinterest.com/pin/60024607513888497/>, 2021 (Year: 2021).*
- (Continued)

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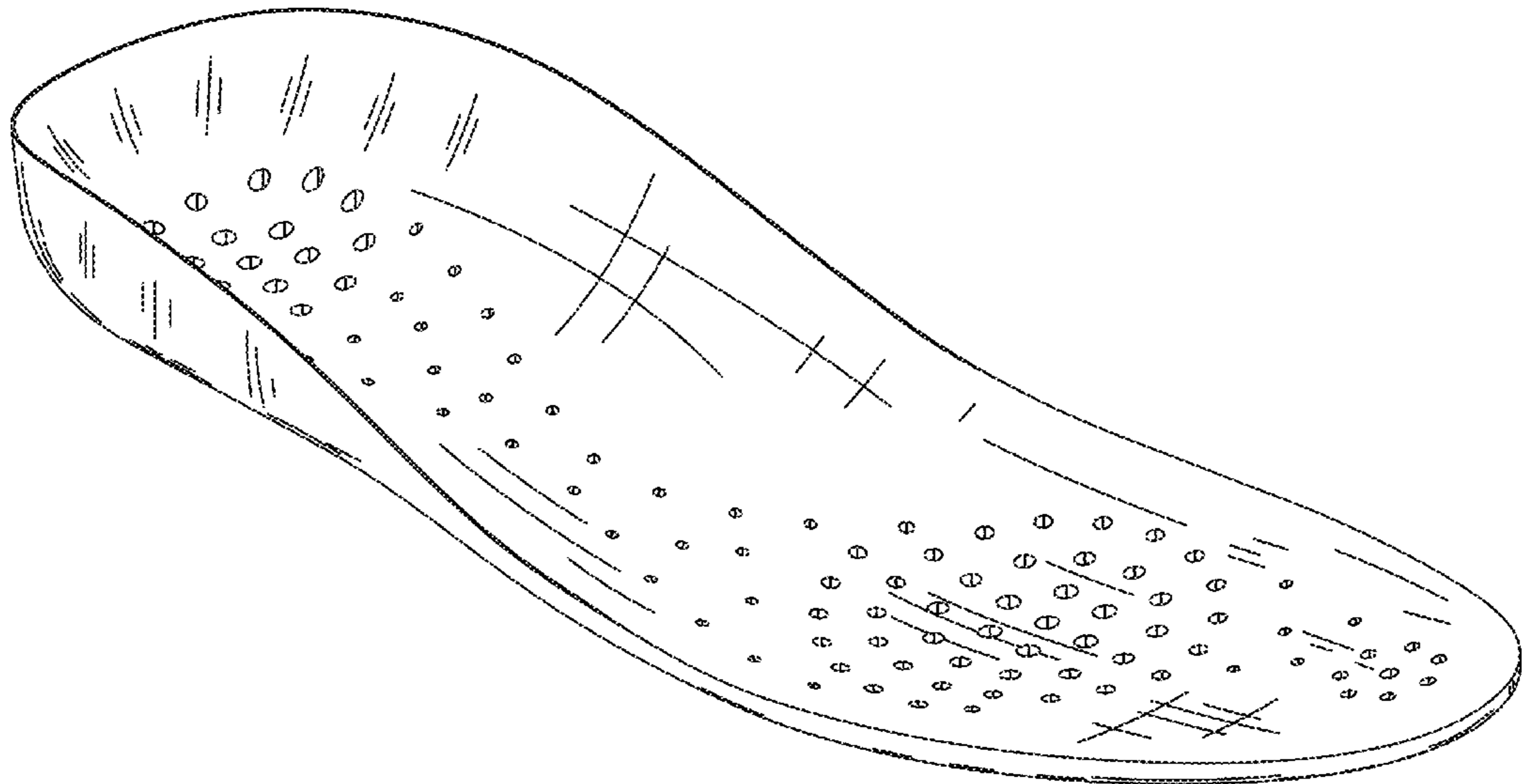
- Related U.S. Application Data**
- (63) Continuation-in-part of application No. PCT/US2019/047936, filed on Aug. 23, 2019.
- (51) **LOC (13) Cl.** **02-04**
- (52) **U.S. Cl.**
USPC **D2/961**
- (58) **Field of Classification Search**
USPC D2/896, 947, 951, 953, 954, 955, 956, D2/960, 961, 968
CPC A43B 1/00; A43B 1/0018; A43B 1/10; A43B 1/12; A43B 1/14; A43B 7/14; A43B 7/1405; A43B 7/141; A43B 7/1415; A43B 7/142; A43B 7/1425; A43B 7/143; A43B 7/1435; A43B 7/144; A43B 7/1445; A43B 7/145; A43B 7/1465; A43B 7/1475; A43B 7/148; A43B 7/1485; A43B 7/149; A43B 7/18; A43B 7/22; A43B 7/223; A43B 7/226; A43B 7/32; A43B 13/00; A43B 13/02; A43B 13/04; A43B 13/14; A43B 13/141; A43B 13/18; A43B 13/186; A43B 13/187; A43B 13/188; A43B 13/32; A43B 17/00; A43B 17/003; A43B 17/08; A43B 17/14; A43B 19/00
- See application file for complete search history.

(57) **CLAIM**
 The ornamental design for an insole, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of an insole showing our new design;
 FIG. 2 is a bottom perspective view thereof;
 FIG. 3 is a right side elevation view thereof;
 FIG. 4 is a left side elevation view thereof;
 FIG. 5 is a top plan view thereof;
 FIG. 6 is a bottom plan view thereof;
 FIG. 7 is a front elevation view thereof; and,
 FIG. 8 is a rear elevation view thereof.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

1,686,034 A 10/1928 Roser
 1,693,122 A 11/1928 Schwartz
 1,803,554 A 5/1931 Knilans
 2,086,999 A 7/1937 Hack et al.
 2,156,086 A 4/1939 Hack et al.
 2,943,405 A 7/1960 Olson et al.
 3,058,240 A 10/1962 Osgood
 3,077,886 A * 2/1963 Pirhonen A43B 7/06
 36/166
 3,414,988 A 12/1968 Mattos
 3,464,125 A 9/1969 Conway
 3,806,145 A 4/1974 Czeiszperger
 3,834,044 A 9/1974 McAusland et al.
 4,232,457 A 11/1980 Mosher
 4,348,821 A 9/1982 Daswick
 4,523,394 A 6/1985 Lindh et al.
 4,597,199 A 7/1986 Hong
 4,610,101 A 9/1986 Brown
 4,620,376 A 11/1986 Talarico, II
 4,766,679 A 8/1988 Bender
 4,910,887 A 3/1990 Turner et al.
 4,924,605 A 5/1990 Spademan
 4,947,560 A 8/1990 Fuerst et al.
 D319,919 S * 9/1991 Niarhos D2/961
 5,174,052 A 12/1992 Schoenhaus et al.
 5,184,409 A 2/1993 Brown
 5,243,772 A 9/1993 Francis et al.
 D346,480 S * 5/1994 Davidson D2/959
 5,317,820 A 6/1994 Bell et al.
 D352,158 S 11/1994 Brown
 5,379,530 A 1/1995 Bell et al.
 D356,673 S * 3/1995 Gerharti D2/961
 5,404,659 A 4/1995 Burke et al.
 5,449,005 A 9/1995 Echols
 5,465,509 A 11/1995 Fuerst et al.
 D366,140 S 1/1996 Finn
 D366,956 S 2/1996 Gay
 5,661,864 A 9/1997 Valiant et al.
 D399,042 S * 10/1998 Strawser D2/961
 6,018,892 A 2/2000 Acheson et al.
 6,092,314 A 7/2000 Rothbart
 D432,769 S 10/2000 Yung et al.
 6,233,847 B1 5/2001 Brown
 6,401,366 B2 6/2002 Foxen et al.
 6,497,058 B2 12/2002 Dietrich et al.
 D474,881 S 5/2003 Su
 6,594,922 B1 7/2003 Mansfield et al.
 6,618,960 B2 9/2003 Brown
 6,692,454 B1 2/2004 Townsend et al.
 D487,185 S 3/2004 Grisoni et al.
 6,725,578 B2 4/2004 Kerrigan
 D490,970 S 6/2004 Bray, Jr. et al.
 D497,472 S 10/2004 Vasyli
 D515,293 S * 2/2006 Maguire D2/961
 D517,291 S * 3/2006 Vasyli D2/961
 D518,945 S 4/2006 Vasyli
 D532,586 S 11/2006 Birkenstock
 D533,336 S 12/2006 Walker
 D552,838 S 10/2007 Quinn
 D555,341 S 11/2007 Vasyli et al.

D556,990 S 12/2007 Cabados
 D564,742 S * 3/2008 Sharples D2/961
 D578,284 S 10/2008 Elliott et al.
 D578,285 S 10/2008 Vasyli et al.
 D584,494 S 1/2009 Vasyli
 D588,348 S * 3/2009 Elliott D2/961
 D595,943 S * 7/2009 Cai D2/961
 D601,786 S * 10/2009 Avent D2/961
 D617,087 S 6/2010 Avent et al.
 D664,754 S * 8/2012 Klein D2/961
 D675,004 S 1/2013 Singleton et al.
 8,424,222 B2 4/2013 Sulak et al.
 D681,321 S 5/2013 Martinez et al.
 D695,506 S 12/2013 Faux et al.
 D721,880 S 2/2015 Finn
 D721,882 S 2/2015 Vasyli
 D722,755 S 2/2015 Vasyli
 D722,756 S 2/2015 Vasyli
 D722,757 S 2/2015 Vasyli
 D723,255 S 3/2015 Nogueira
 D723,256 S 3/2015 Vasyli
 9,060,565 B2 6/2015 Kosta
 D739,133 S 9/2015 Jung
 D762,053 S 7/2016 Takahashi
 D762,367 S 8/2016 Granger et al.
 D770,744 S 11/2016 Escobar
 D771,922 S 11/2016 Granger et al.
 D778,040 S 2/2017 Granger et al.
 D796,175 S 9/2017 Mitchell
 D797,428 S * 9/2017 Granger D2/961
 D797,430 S 9/2017 Granger et al.
 D827,998 S 9/2018 Buck
 D862,861 S * 10/2019 Buck D2/961
 D862,865 S * 10/2019 Buck D2/961
 D878,028 S * 3/2020 Hall D2/961
 D880,831 S * 4/2020 Hall D2/961
 D891,067 S * 7/2020 Hall D2/961
 D891,068 S * 7/2020 Hall D2/961
 2002/0050080 A1 5/2002 Vasyli
 2004/0181971 A1 9/2004 Turkbaz et al.

FOREIGN PATENT DOCUMENTS

WO 199107152 A1 5/1991
 WO 199219191 A1 11/1992

OTHER PUBLICATIONS

Memory Foam Orthotic Arch Support Boot Shoes Insoles Insert Pad Comfortable Soft Breathable, <https://www.pinterest.com/pin/86272149094451296/>, 2021 (Year: 2021).
 Design U.S. Appl. No. 29/634,265, filed Jan. 19, 2018 and titled Insole.
 Design U.S. Appl. No. 29/634,293, filed Jan. 19, 2018 and titled Insole.
 Design U.S. Appl. No. 29/634,298, filed Jan. 19, 2018 and titled Insole.
 Design U.S. Appl. No. 29/634,253, filed Jan. 19, 2018 and titled Insole.

* cited by examiner

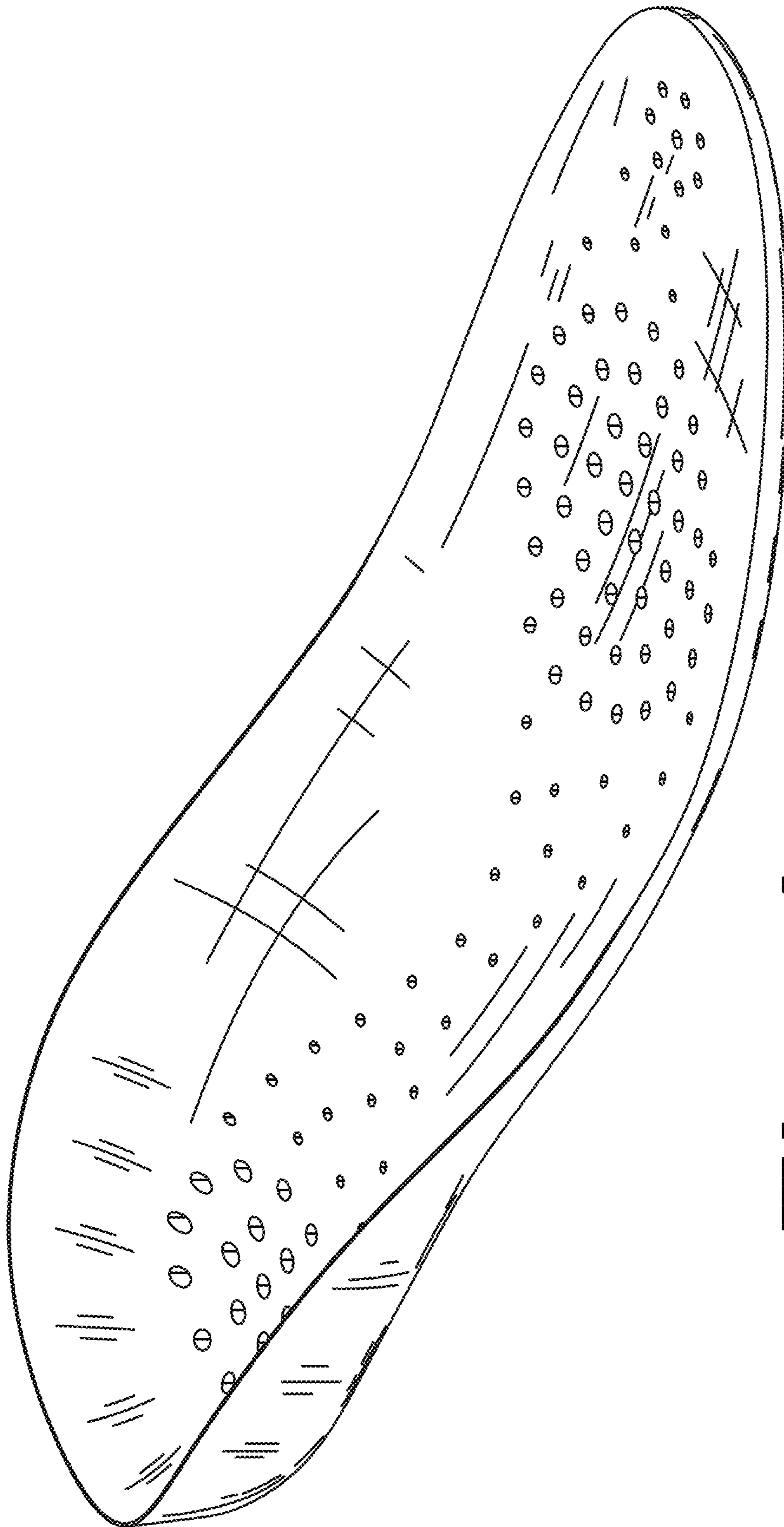


Fig. 1

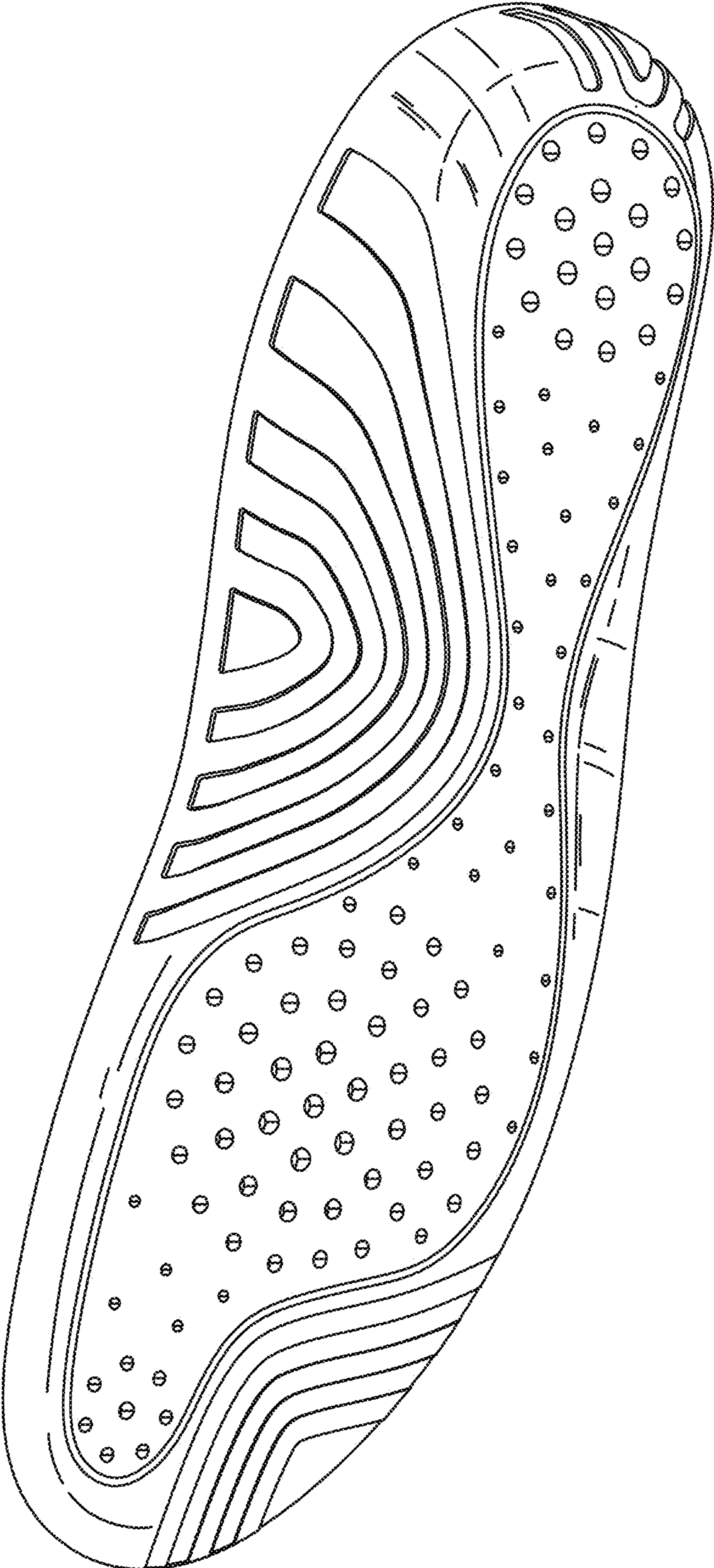


Fig. 2

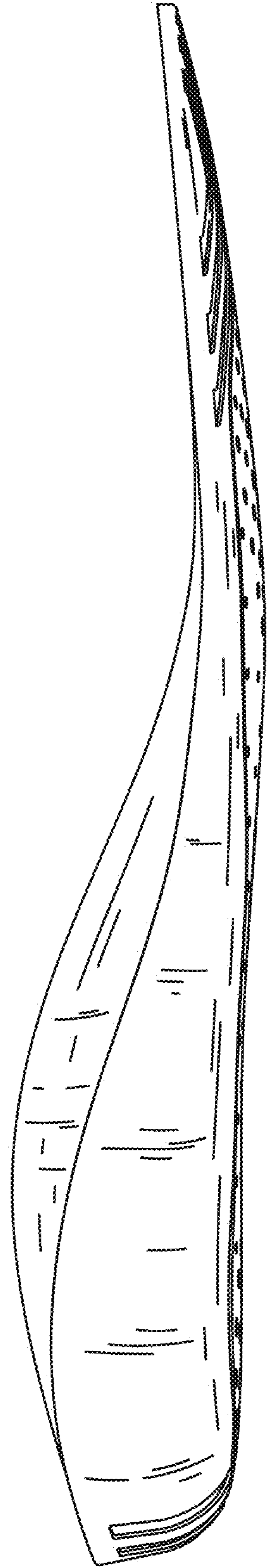


Fig. 3

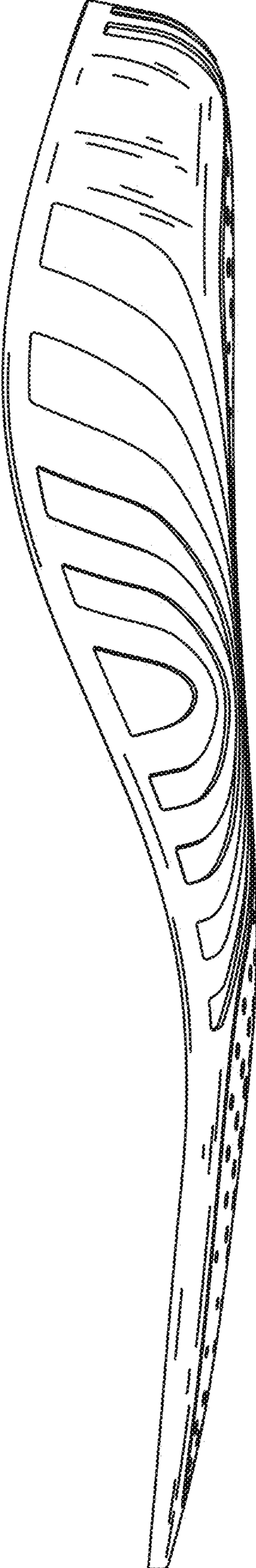


Fig. 4

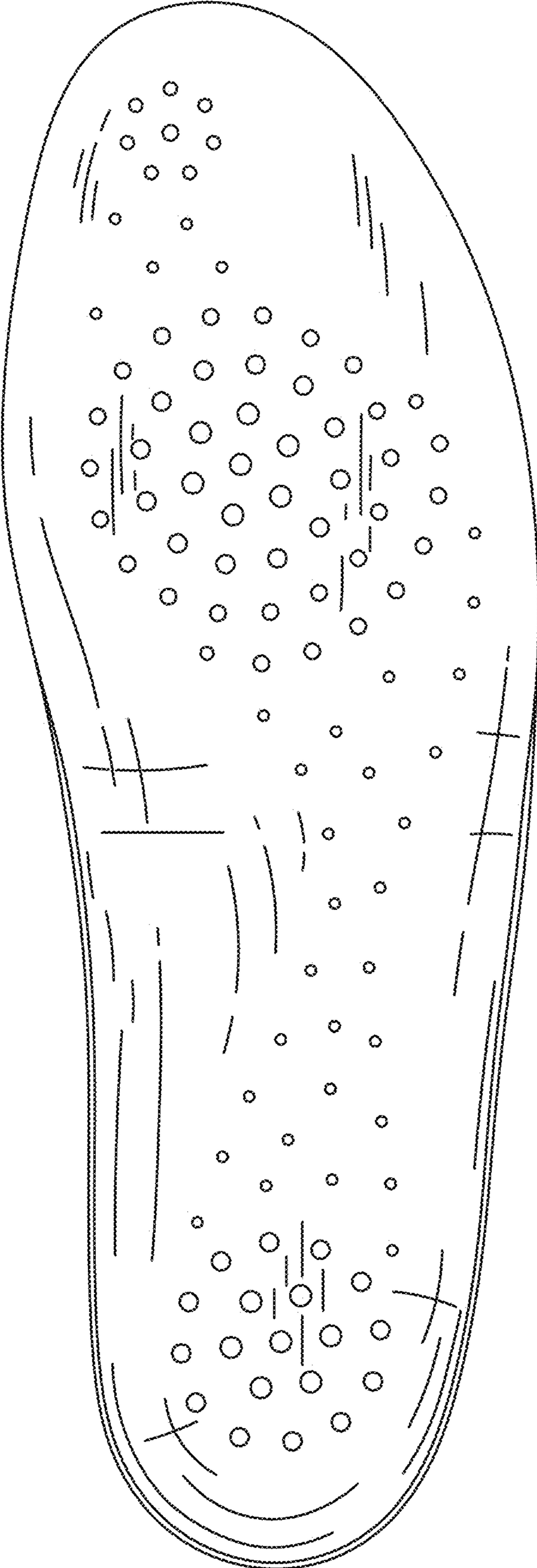


Fig. 5

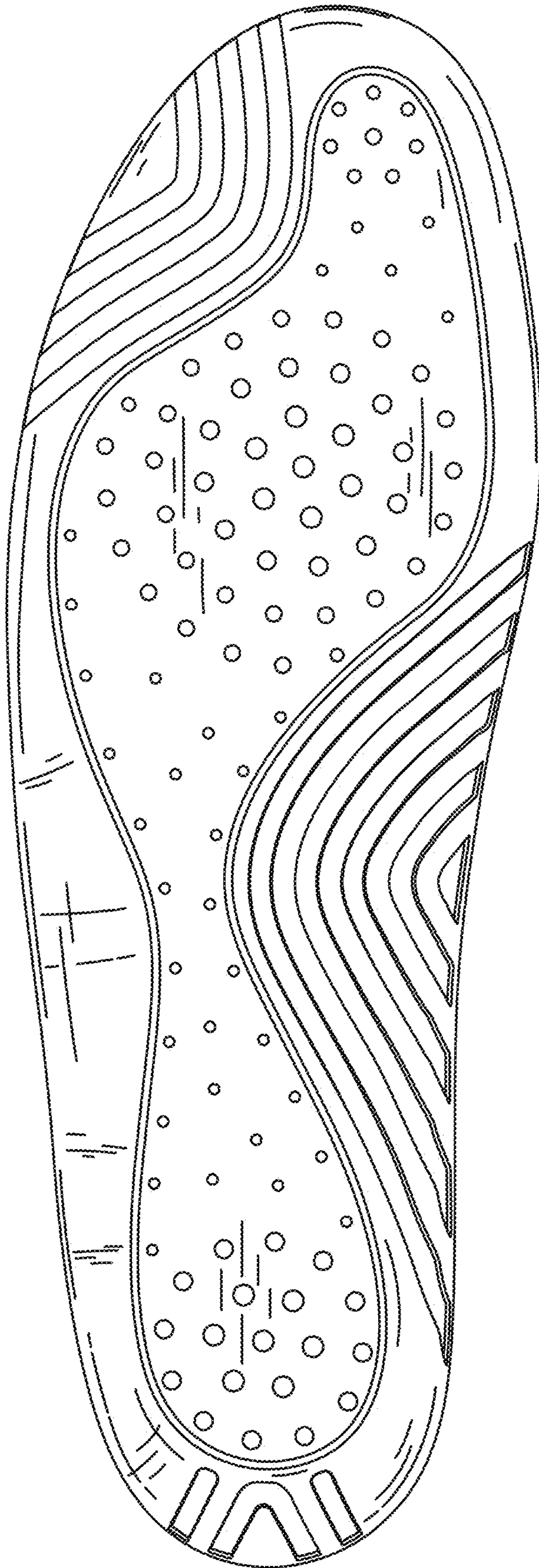


Fig. 6

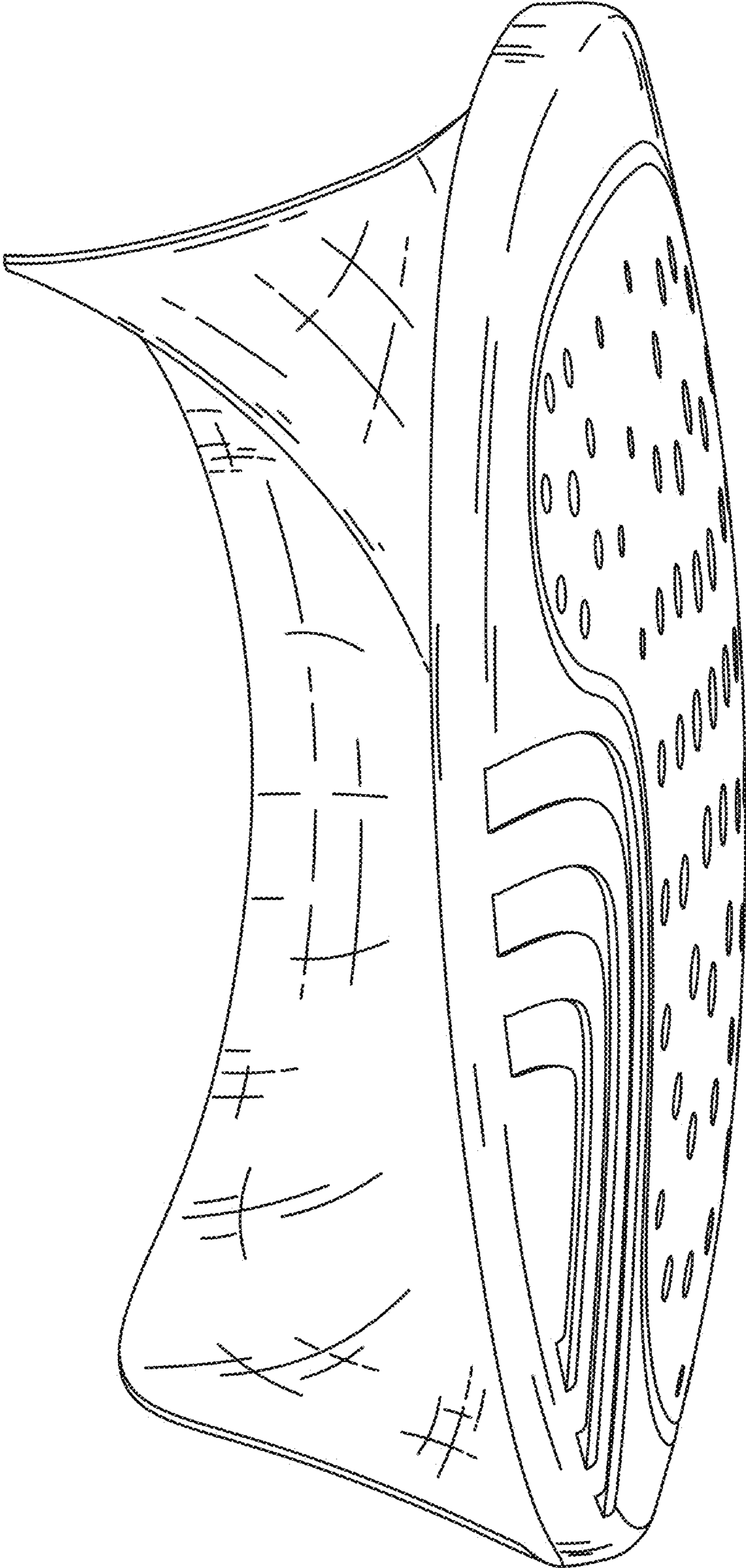


Fig. 7

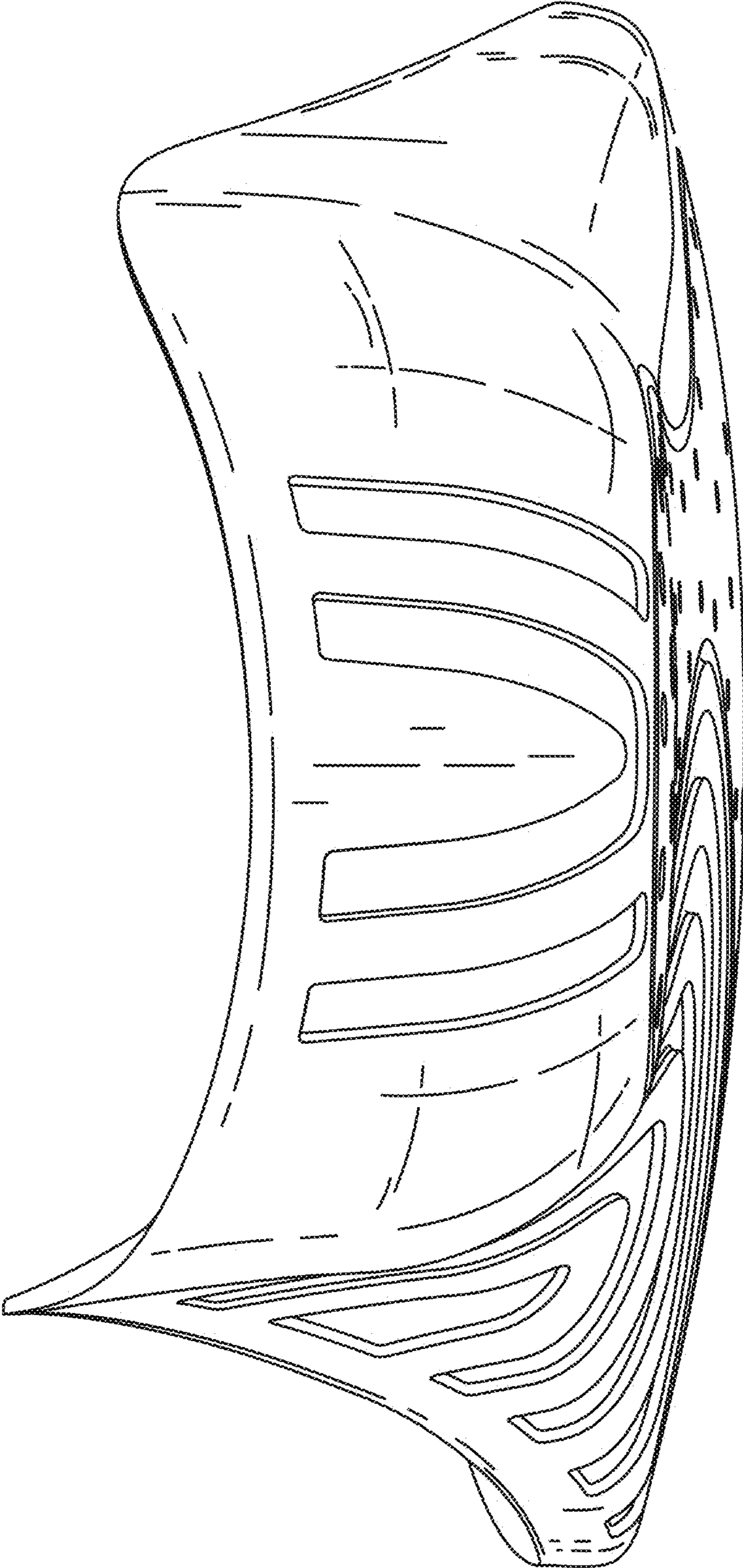


Fig. 8