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(12) **United States Design Patent** (10) **Patent No.:** **US D781,037 S**  
**Davis et al.** (45) **Date of Patent:** **\*\* Mar. 14, 2017**

(54) **SHOE SOLE**

(56) **References Cited**

(71) Applicant: **Reebok International Limited**, London (GB)

U.S. PATENT DOCUMENTS

(72) Inventors: **Paul Davis**, Blackstone, MA (US); **Paul Litchfield**, Westboro, MA (US); **William Marvin**, Canton, MA (US)

485,459 A 11/1892 Crocker  
1,594,056 A 7/1926 Floyd  
1,607,375 A 11/1926 Whipple  
D108,320 S 2/1938 Eldon  
D133,176 S 7/1942 Gregg  
D136,381 S 9/1943 Ghez et al.  
D149,139 S 3/1948 Parker

(Continued)

(73) Assignee: **Reebok International Limited**, London (GB)

FOREIGN PATENT DOCUMENTS

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

EP 1064861 A1 1/2001  
EP 2277402 1/2011

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(74) *Attorney, Agent, or Firm* — Sterne, Kessler, Goldstein & Fox P.L.L.C.

**Related U.S. Application Data**

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(51) **LOC (10) Cl.** ..... **02-04**

(52) **U.S. Cl.**  
USPC ..... **D2/947**

(58) **Field of Classification Search**  
USPC ..... D2/902, 906, 908, 916, 918, 925, D2/946-962, 977; 36/3 B, 22 R, 24.5, 36/25 R, 28, 32 R, 34 R, 59 C, 67 A, 103  
CPC ..... A43B 13/00; A43B 13/02; A43B 13/023; A43B 13/026; A43B 13/04; A43B 13/08; A43B 13/10; A43B 13/12; A43B 13/14; A43B 13/141; A43B 13/143; A43B 13/16; A43B 13/18; A43B 13/181; A43B 13/187; A43B 13/189; A43B 13/20; A43B 13/22; A43B 13/223; A43B 13/224; A43B 13/28; A43B 13/30; A43B 13/32; A43B 13/34; A43B 13/36

See application file for complete search history.

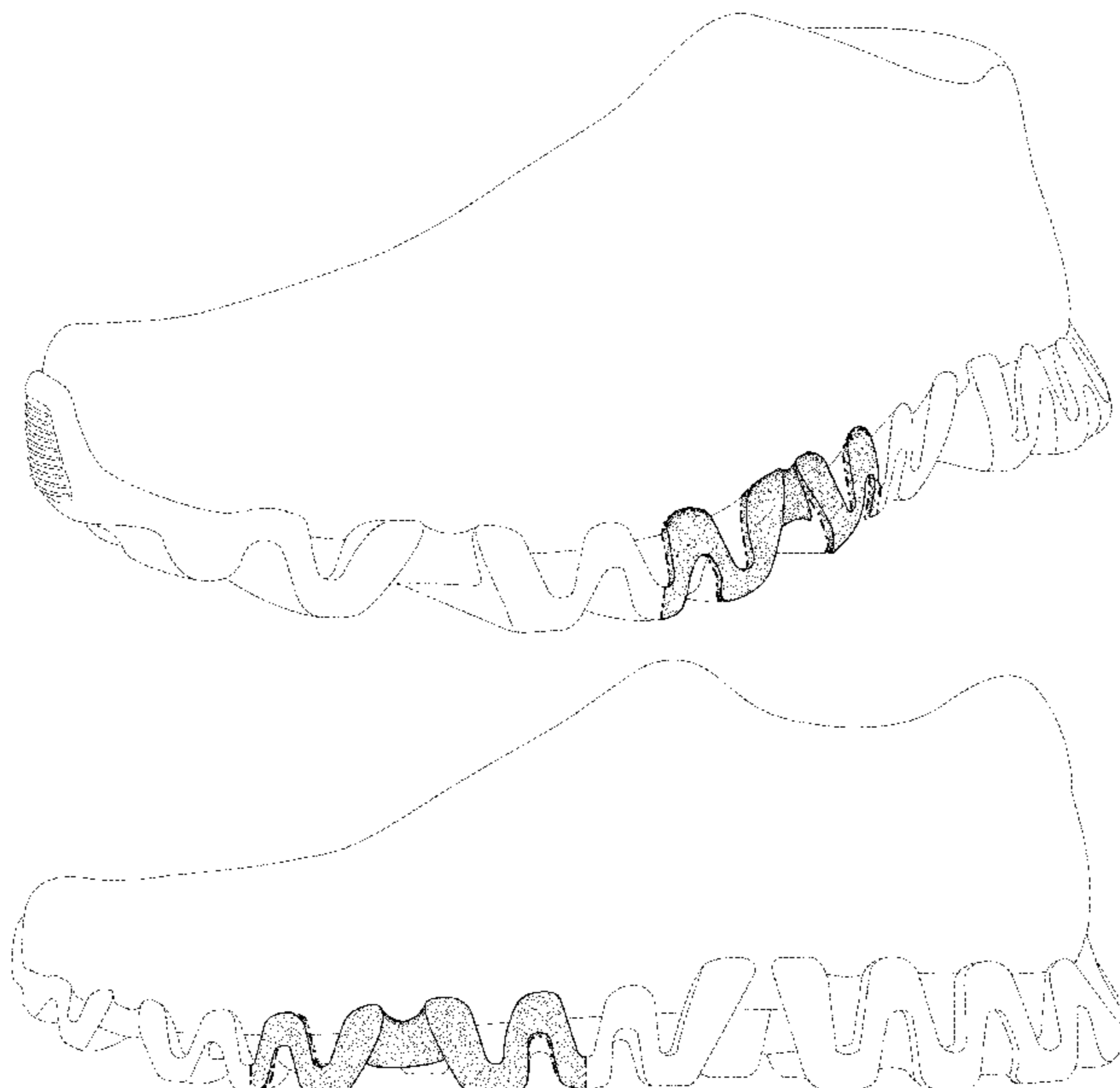
(57) **CLAIM**

The ornamental design for a shoe sole, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a shoe sole showing the claimed design;  
FIG. 2 is a right side view thereof;  
FIG. 3 is a left side view thereof;  
FIG. 4 is a top plan view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a front view thereof; and,  
FIG. 7 is a rear view thereof.  
The dashed broken lines in the figures show portions of the shoe and shoe sole that form no part of the claimed design. The dot-dash broken lines in the figures show boundaries that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

## References Cited

## U.S. PATENT DOCUMENTS

|              |         |                 |              |         |                   |
|--------------|---------|-----------------|--------------|---------|-------------------|
| D157,034 S   | 1/1950  | Eldon           | 6,226,896 B1 | 5/2001  | Friton            |
| 2,622,347 A  | 12/1952 | Shaw et al.     | 6,289,608 B1 | 9/2001  | Kita et al.       |
| 2,627,676 A  | 2/1953  | Hack            | D449,433 S   | 10/2001 | Matis et al.      |
| D173,030 S   | 9/1954  | Hoza            | 6,295,741 B1 | 10/2001 | Kita              |
| 2,710,461 A  | 6/1955  | Hack            | 6,305,100 B1 | 10/2001 | Komarnycky et al. |
| 2,722,756 A  | 11/1955 | Ecclesine       | 6,311,414 B1 | 11/2001 | Kita              |
| 3,444,632 A  | 5/1969  | Hack et al.     | 6,314,664 B1 | 11/2001 | Kita et al.       |
| D233,805 S   | 12/1974 | Kubo            | 6,338,206 B1 | 1/2002  | Kita              |
| 4,071,963 A  | 2/1978  | Fukuoka         | 6,389,713 B1 | 5/2002  | Kita              |
| 4,130,947 A  | 12/1978 | Denu            | 6,393,732 B1 | 5/2002  | Kita              |
| 4,170,078 A  | 10/1979 | Moss            | D458,009 S   | 6/2002  | Ritter et al.     |
| D274,574 S   | 7/1984  | Stubblefield    | 6,401,365 B2 | 6/2002  | Kita et al.       |
| 4,561,195 A  | 12/1985 | Onoda et al.    | 6,418,641 B1 | 7/2002  | Schenkel          |
| 4,642,917 A  | 2/1987  | Ungar           | 6,438,873 B1 | 8/2002  | Gebhard et al.    |
| D296,149 S   | 6/1988  | Diaz            | D465,079 S   | 11/2002 | Merceron          |
| 4,798,010 A  | 1/1989  | Sugiyama        | 6,516,539 B2 | 2/2003  | Nishiwaki et al.  |
| 4,805,319 A  | 2/1989  | Tonkel          | 6,557,270 B2 | 5/2003  | Nakano et al.     |
| 4,864,737 A  | 9/1989  | Marrello        | 6,557,274 B2 | 5/2003  | Litchfield et al. |
| D316,324 S   | 4/1991  | Rogers          | D475,509 S   | 6/2003  | Avar              |
| 5,044,096 A  | 9/1991  | Polegato        | 6,606,804 B2 | 8/2003  | Kaneko et al.     |
| 5,052,130 A  | 10/1991 | Barry et al.    | 6,625,905 B2 | 9/2003  | Kita              |
| D324,131 S   | 2/1992  | Lucas           | 6,647,645 B2 | 11/2003 | Kita              |
| D325,288 S   | 4/1992  | Richard et al.  | 6,675,500 B1 | 1/2004  | Cadamuro          |
| D326,014 S   | 5/1992  | Issler          | 6,675,800 B2 | 1/2004  | Keller            |
| D327,362 S   | 6/1992  | Hatfield        | 6,685,011 B2 | 2/2004  | Nishiwaki et al.  |
| 5,185,943 A  | 2/1993  | Tong et al.     | 6,694,642 B2 | 2/2004  | Turner            |
| D334,282 S   | 3/1993  | Greene          | 6,711,834 B1 | 3/2004  | Kita              |
| D336,771 S   | 6/1993  | Hatfield et al. | D489,525 S   | 5/2004  | Snow et al.       |
| D347,516 S   | 6/1994  | Foster          | D489,881 S   | 5/2004  | Recchi            |
| 5,319,866 A  | 6/1994  | Foley et al.    | D490,599 S   | 6/2004  | Snow et al.       |
| 5,325,611 A  | 7/1994  | Dyer et al.     | 6,751,891 B2 | 6/2004  | Lombardino        |
| 5,337,492 A  | 8/1994  | Anderie et al.  | 6,754,981 B1 | 6/2004  | Edwards           |
| D350,639 S   | 9/1994  | Misui et al.    | 6,763,611 B1 | 7/2004  | Fusco             |
| D354,161 S   | 1/1995  | Dyer et al.     | D495,128 S   | 8/2004  | Avar              |
| D356,206 S   | 3/1995  | Martin          | 6,782,642 B2 | 8/2004  | Knoche et al.     |
| 5,401,564 A  | 3/1995  | Lee et al.      | D497,046 S   | 10/2004 | Scott             |
| D357,346 S   | 4/1995  | Ho              | 6,810,605 B2 | 11/2004 | Nakano et al.     |
| 5,406,723 A  | 4/1995  | Okajima         | D499,247 S   | 12/2004 | Wahoske et al.    |
| D360,065 S   | 7/1995  | Werman          | 6,964,119 B2 | 11/2005 | Weaver, III       |
| D364,497 S   | 11/1995 | Schelling       | D515,305 S   | 2/2006  | Andrews-Kramer    |
| 5,469,639 A  | 11/1995 | Sessa           | D515,306 S   | 2/2006  | Andrews-Kramer    |
| D367,952 S   | 3/1996  | Shea            | D516,293 S   | 3/2006  | Smith, III        |
| 5,528,842 A  | 6/1996  | Ricci et al.    | D523,232 S   | 6/2006  | Shaffer           |
| D378,011 S   | 2/1997  | Lucas           | D523,614 S   | 6/2006  | Mitchell          |
| D379,259 S   | 5/1997  | Kayano          | D523,627 S   | 6/2006  | Avar              |
| D385,987 S   | 11/1997 | Braman          | D523,628 S   | 6/2006  | Young             |
| D390,346 S   | 2/1998  | Loveder         | 7,055,198 B2 | 6/2006  | Cadamuro et al.   |
| 5,713,140 A  | 2/1998  | Baggenstoss     | D524,034 S   | 7/2006  | Hlavacs           |
| D394,938 S   | 6/1998  | Lupo            | D524,035 S   | 7/2006  | Greene et al.     |
| D394,945 S   | 6/1998  | Doxey           | D524,535 S   | 7/2006  | Cass              |
| D395,739 S   | 7/1998  | Mervar          | 7,089,152 B2 | 8/2006  | Oda et al.        |
| D396,947 S   | 8/1998  | Serna           | D528,753 S   | 9/2006  | Dirsa             |
| D397,847 S   | 9/1998  | Hudson          | D528,776 S   | 9/2006  | Hui               |
| 5,799,415 A  | 9/1998  | Kenji et al.    | D528,778 S   | 9/2006  | Avar et al.       |
| 5,822,886 A  | 10/1998 | Luthi et al.    | D529,267 S   | 10/2006 | Portzline         |
| D402,447 S   | 12/1998 | Munns           | D530,905 S   | 10/2006 | Jonsson           |
| D402,450 S   | 12/1998 | Munns           | D532,597 S   | 11/2006 | Chan              |
| D402,455 S   | 12/1998 | Greenberg       | 7,162,815 B2 | 1/2007  | Miyauchi et al.   |
| D412,236 S   | 7/1999  | von Conta       | D537,611 S   | 3/2007  | Matis et al.      |
| 5,918,385 A  | 7/1999  | Sessa           | D546,532 S   | 7/2007  | Matis et al.      |
| D414,316 S   | 9/1999  | Lozano          | D552,832 S   | 10/2007 | Hardy             |
| D415,610 S   | 10/1999 | Cahill          | D553,837 S   | 10/2007 | Hubbard           |
| 5,987,782 A  | 11/1999 | Bramani         | D553,846 S   | 10/2007 | Kayano et al.     |
| 6,009,637 A  | 1/2000  | Pavone          | D555,348 S   | 11/2007 | Bettencourt       |
| D420,497 S   | 2/2000  | Panella         | D555,891 S   | 11/2007 | Bettencourt       |
| D421,834 S   | 3/2000  | Cooper          | D560,061 S   | 1/2008  | Chan              |
| D424,287 S   | 5/2000  | Edwards         | D560,062 S   | 1/2008  | Chan              |
| 6,055,747 A  | 5/2000  | Lombardino      | D560,063 S   | 1/2008  | Chan              |
| 6,079,125 A  | 6/2000  | Quellais et al. | D561,958 S   | 2/2008  | Hahn              |
| 6,108,943 A  | 8/2000  | Hudson et al.   | D561,985 S   | 2/2008  | Andersen et al.   |
| 6,138,385 A  | 10/2000 | Jungkind et al. | 7,334,349 B2 | 2/2008  | Sokolowshi et al. |
| 6,205,681 B1 | 3/2001  | Kita            | 7,337,559 B2 | 3/2008  | Russell           |
| 6,219,939 B1 | 4/2001  | Kita et al.     | D569,594 S   | 5/2008  | Horne et al.      |
| 6,219,940 B1 | 4/2001  | Kita            | D569,595 S   | 5/2008  | Le                |
| D442,357 S   | 5/2001  | Burt            | D570,078 S   | 6/2008  | Davis             |
|              |         |                 | 7,401,422 B1 | 7/2008  | Scholz et al.     |
|              |         |                 | D574,141 S   | 8/2008  | Kaufman           |
|              |         |                 | D574,581 S   | 8/2008  | Cooper            |
|              |         |                 | D574,583 S   | 8/2008  | St-Louis et al.   |



(56)

References Cited

U.S. PATENT DOCUMENTS

|              |         |                         |                   |         |                                       |
|--------------|---------|-------------------------|-------------------|---------|---------------------------------------|
| D574,602 S   | 8/2008  | Grenet                  | D659,959 S        | 5/2012  | Vestuti et al.                        |
| D574,603 S   | 8/2008  | McMillan                | D659,964 S        | 5/2012  | Callahan et al.                       |
| D574,604 S   | 8/2008  | McMillan                | D659,965 S        | 5/2012  | Callahan et al.                       |
| D576,394 S   | 9/2008  | Heller                  | D660,568 S        | 5/2012  | Blakeslee                             |
| D578,744 S   | 10/2008 | Earle                   | 8,181,365 B2      | 5/2012  | Cass et al.                           |
| 7,441,346 B2 | 10/2008 | Hardy et al.            | 8,186,079 B2      | 5/2012  | Carboy et al.                         |
| D584,490 S   | 1/2009  | Ong                     | D661,476 S        | 6/2012  | Loverin                               |
| D586,991 S   | 2/2009  | Fuerst                  | D661,878 S        | 6/2012  | Grenet                                |
| D586,993 S   | 2/2009  | Banik et al.            | D661,879 S        | 6/2012  | Raysse                                |
| D592,383 S   | 5/2009  | Wawrousek               | D661,880 S        | 6/2012  | Raysse                                |
| D592,847 S   | 5/2009  | Rosenbaum               | D662,293 S        | 6/2012  | Christopherson                        |
| D594,195 S   | 6/2009  | Nakano                  | D662,295 S        | 6/2012  | Raysse                                |
| 7,549,236 B2 | 6/2009  | Dillon et al.           | D662,301 S        | 6/2012  | Raysse                                |
| D595,937 S   | 7/2009  | Morris                  | D662,697 S        | 7/2012  | Portzline                             |
| D596,386 S   | 7/2009  | Brambilla               | D662,699 S        | 7/2012  | Callahan et al.                       |
| 7,556,846 B2 | 7/2009  | Dojan et al.            | D662,700 S        | 7/2012  | Raysse                                |
| D599,986 S   | 9/2009  | Reiss                   | D663,929 S        | 7/2012  | Teng-Lee                              |
| D600,895 S   | 9/2009  | Morgan                  | D666,390 S        | 9/2012  | Van Zyll De Jong et al.               |
| D601,334 S   | 10/2009 | Werman                  | D667,204 S        | 9/2012  | Campbell et al.                       |
| D605,838 S   | 12/2009 | Foust                   | D667,617 S        | 9/2012  | Spring                                |
| D607,193 S   | 1/2010  | Recchi                  | D667,618 S        | 9/2012  | Raysse                                |
| D607,633 S   | 1/2010  | Mongelli                | D667,619 S        | 9/2012  | Blakeslee                             |
| 7,644,518 B2 | 1/2010  | Chandler et al.         | D668,028 S        | 10/2012 | Pope                                  |
| D609,440 S   | 2/2010  | Morris                  | D668,029 S        | 10/2012 | Vestuti et al.                        |
| D609,441 S   | 2/2010  | Wawrousek               | D669,255 S        | 10/2012 | Birkinhead                            |
| D615,286 S   | 5/2010  | Grote                   | D674,581 S        | 1/2013  | Callahan et al.                       |
| D615,741 S   | 5/2010  | Matis et al.            | D674,996 S        | 1/2013  | Sallee                                |
| D616,188 S   | 5/2010  | Chan                    | D674,997 S        | 1/2013  | Callahan et al.                       |
| 7,707,743 B2 | 5/2010  | Schindler et al.        | D675,003 S        | 1/2013  | Leon et al.                           |
| D617,085 S   | 6/2010  | Recchi et al.           | 8,387,279 B2 *    | 3/2013  | Pauk ..... A43B 13/12<br>36/25 R      |
| D617,983 S   | 6/2010  | Raysse                  | D685,566 S        | 7/2013  | Pope                                  |
| 7,752,777 B2 | 7/2010  | Hsieh                   | 8,490,296 B2      | 7/2013  | Hurd et al.                           |
| 7,762,008 B1 | 7/2010  | Clark et al.            | D691,787 S        | 10/2013 | Callahan et al.                       |
| D622,043 S   | 8/2010  | Hauglin                 | 8,635,785 B2 *    | 1/2014  | Seo ..... A43B 13/127<br>36/25 R      |
| 7,784,196 B1 | 8/2010  | Christensen et al.      | 8,707,587 B2      | 4/2014  | Christensen et al.                    |
| D624,293 S   | 9/2010  | Recchi et al.           | D713,134 S *      | 9/2014  | Hardigan ..... D2/951                 |
| 7,832,117 B2 | 11/2010 | Auger et al.            | D713,624 S *      | 9/2014  | Petrie ..... D2/947                   |
| 7,866,063 B2 | 1/2011  | Caine et al.            | D714,533 S *      | 10/2014 | Seo ..... D2/947                      |
| 7,886,460 B2 | 2/2011  | Teteriatnikov et al.    | D716,531 S *      | 11/2014 | Youn ..... D2/947                     |
| D634,922 S   | 3/2011  | Pauk et al.             | 8,914,998 B2 *    | 12/2014 | Gheorghian ..... A43B 5/06<br>36/103  |
| D636,567 S   | 4/2011  | Raysse                  | 9,015,962 B2 *    | 4/2015  | Boudreau ..... A43B 13/141<br>36/25 R |
| D637,380 S   | 5/2011  | Niedner et al.          | D734,005 S *      | 7/2015  | Seo ..... D2/947                      |
| 7,946,058 B2 | 5/2011  | Johnson et al.          | 9,392,843 B2 *    | 7/2016  | Callahan ..... A43B 3/0057            |
| D641,143 S   | 7/2011  | Niedner et al.          | D764,782 S *      | 8/2016  | Hardigan ..... D2/947                 |
| D641,545 S   | 7/2011  | Niedner et al.          | 9,433,256 B2 *    | 9/2016  | Callahan ..... A43B 13/187            |
| D642,776 S   | 8/2011  | Raysse                  | 2001/0008053 A1   | 7/2001  | Belli                                 |
| D643,194 S   | 8/2011  | Raysse                  | 2001/0052194 A1   | 12/2001 | Nishiwaki et al.                      |
| 7,997,011 B2 | 8/2011  | Smith et al.            | 2003/0101621 A1   | 6/2003  | Nishiwaki et al.                      |
| D644,419 S   | 9/2011  | Raysse                  | 2004/0154189 A1   | 8/2004  | Wang                                  |
| D644,420 S   | 9/2011  | Christopherson          | 2006/0137227 A1   | 6/2006  | Kita et al.                           |
| D644,824 S   | 9/2011  | Leleu                   | 2006/0277792 A1   | 12/2006 | Schoenborn                            |
| D646,871 S   | 10/2011 | Christopherson          | 2006/0283045 A1   | 12/2006 | Kita et al.                           |
| 8,056,262 B2 | 11/2011 | Lindqvist et al.        | 2007/0209230 A1   | 9/2007  | Dillon et al.                         |
| 8,056,264 B2 | 11/2011 | Sato et al.             | 2007/0266593 A1   | 11/2007 | Schindler et al.                      |
| D649,753 S   | 12/2011 | Callahan et al.         | 2008/0052965 A1   | 3/2008  | Sato                                  |
| D649,754 S   | 12/2011 | Callahan et al.         | 2008/0066347 A1   | 3/2008  | Suzuki                                |
| D651,788 S   | 1/2012  | Raysse                  | 2008/0120871 A1   | 5/2008  | Sato et al.                           |
| D652,201 S   | 1/2012  | Vestuti et al.          | 2008/0229617 A1   | 9/2008  | Johnson et al.                        |
| D653,842 S   | 2/2012  | Weiss                   | 2008/0276491 A1   | 11/2008 | Gaensler et al.                       |
| 8,112,905 B2 | 2/2012  | Bemis et al.            | 2008/0289224 A1   | 11/2008 | Sink                                  |
| D655,482 S   | 3/2012  | Morales                 | 2009/0013559 A1   | 1/2009  | Chan et al.                           |
| D655,483 S   | 3/2012  | Portzline               | 2010/0175280 A1   | 7/2010  | Rinehart, Jr. et al.                  |
| D655,487 S   | 3/2012  | Blakeslee               | 2010/0192420 A1   | 8/2010  | Favraud                               |
| D655,489 S   | 3/2012  | Mahoney                 | 2010/0269376 A1   | 10/2010 | Flannery et al.                       |
| D655,897 S   | 3/2012  | Mahoney                 | 2010/0325917 A1   | 12/2010 | Cass et al.                           |
| D655,901 S   | 3/2012  | Raysse                  | 2011/0016746 A1   | 1/2011  | Callahan et al.                       |
| D655,902 S   | 3/2012  | Debiase                 | 2011/0016749 A1   | 1/2011  | Callahan et al.                       |
| D656,715 S   | 4/2012  | Katz et al.             | 2011/0232130 A1   | 9/2011  | Boudreau et al.                       |
| D656,720 S   | 4/2012  | Wawrousek               | 2011/0277351 A1   | 11/2011 | Scoledes                              |
| D657,542 S   | 4/2012  | Duan                    | 2011/0289799 A1   | 12/2011 | Keating et al.                        |
| D657,944 S   | 4/2012  | Casadei                 | 2012/0000095 A1   | 1/2012  | Torrance                              |
| 8,146,266 B2 | 4/2012  | Vattes et al.           | 2012/0055047 A1   | 3/2012  | Youngs                                |
| D659,356 S   | 5/2012  | Van Zyll De Jong et al. | 2012/0073160 A1   | 3/2012  | Marvin et al.                         |
| D659,362 S   | 5/2012  | Van Zyll De Jong et al. | 2012/0110874 A1 * | 5/2012  | Langvin ..... A43B 3/26<br>36/25 R    |
| D659,958 S   | 5/2012  | Birkinhead              |                   |         |                                       |

(56)

**References Cited**

U.S. PATENT DOCUMENTS

2012/0167416 A1 7/2012 Christensen et al.  
2012/0204449 A1 8/2012 Stockbridge et al.  
2013/0145650 A1 6/2013 Seo  
2013/0247425 A1 9/2013 Davis et al.  
2014/0033573 A1 2/2014 Wills  
2015/0230549 A1\* 8/2015 Bernhard ..... A43B 5/06  
36/25 R  
2016/0183633 A1\* 6/2016 Scofield ..... A43B 13/20  
36/29

FOREIGN PATENT DOCUMENTS

JP 11000203 A 1/1999  
JP 11235202 A 8/1999  
JP 2001275711 A 10/2001  
JP 2002336003 A 11/2002  
JP 2003339405 A 12/2003  
JP 2004173884 A 6/2004  
JP 2004267516 A 9/2004  
JP 2005253578 A 9/2005

\* cited by examiner

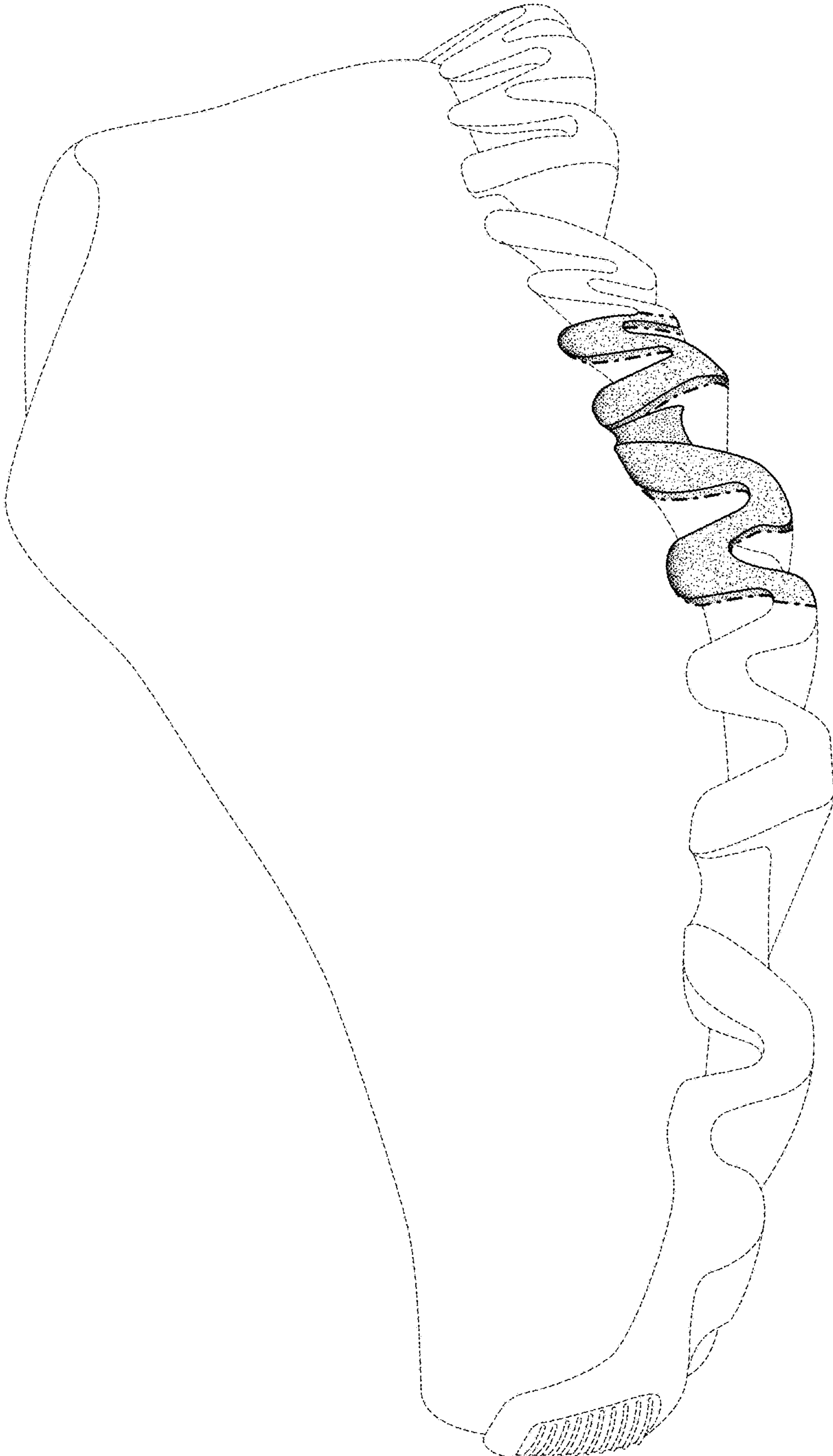


FIG. 1

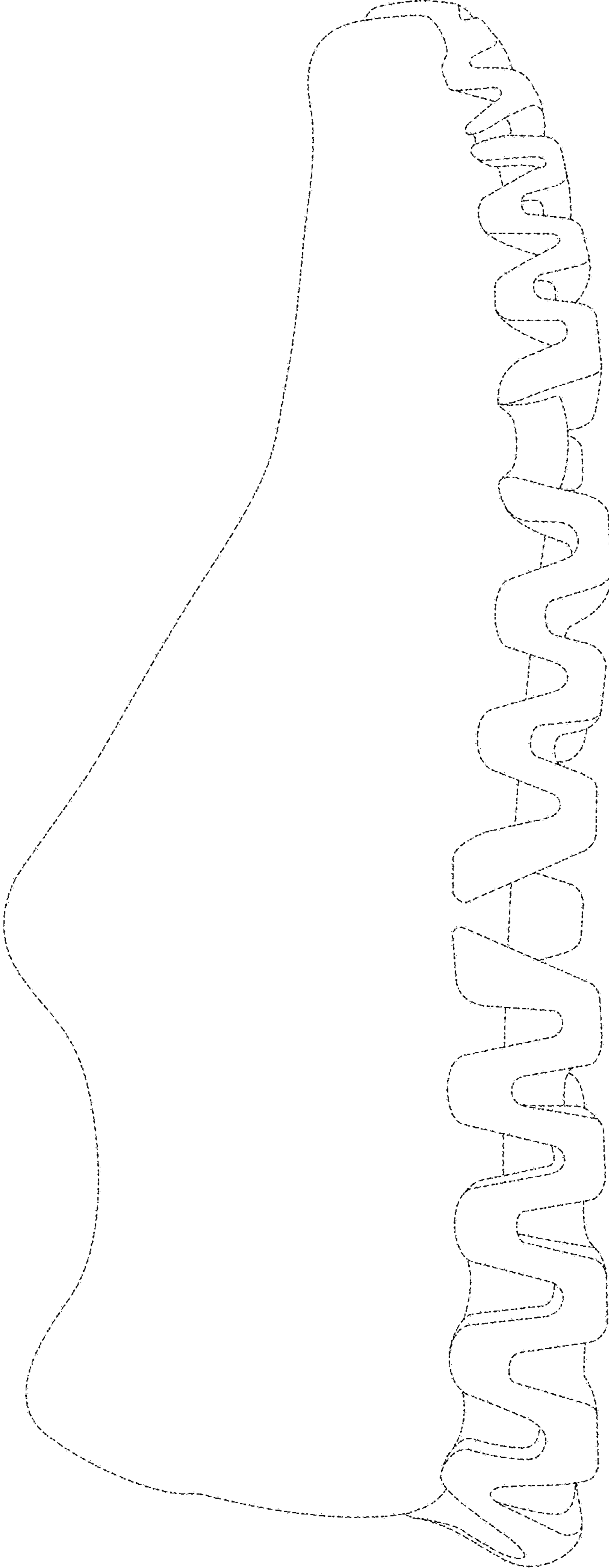


FIG. 2



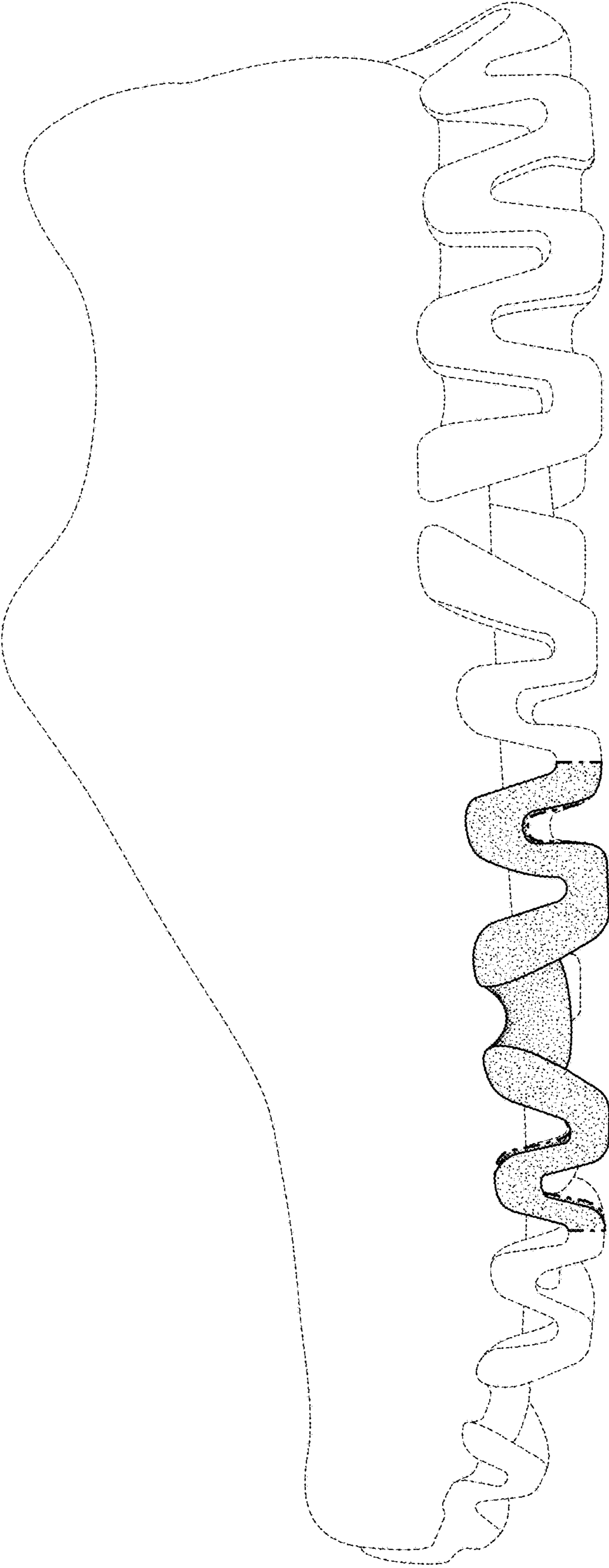


FIG. 3

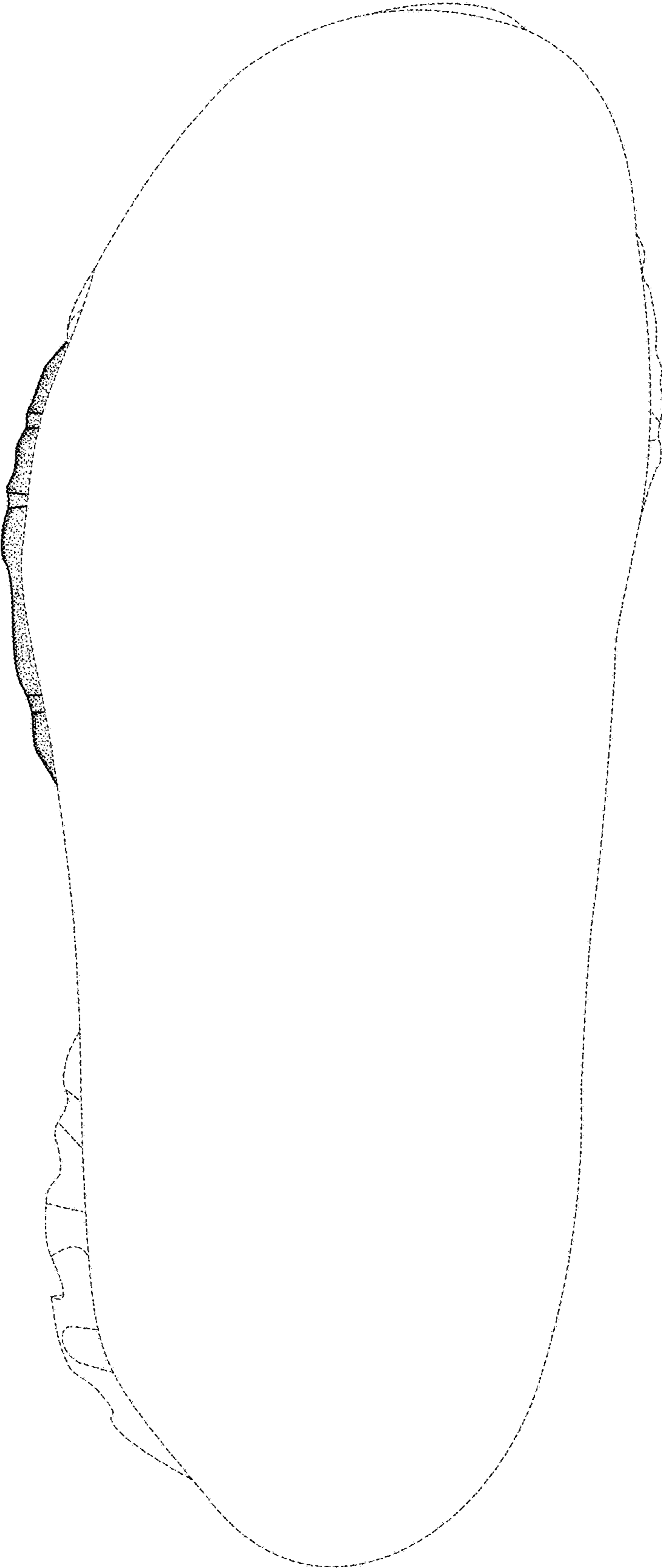


FIG. 4



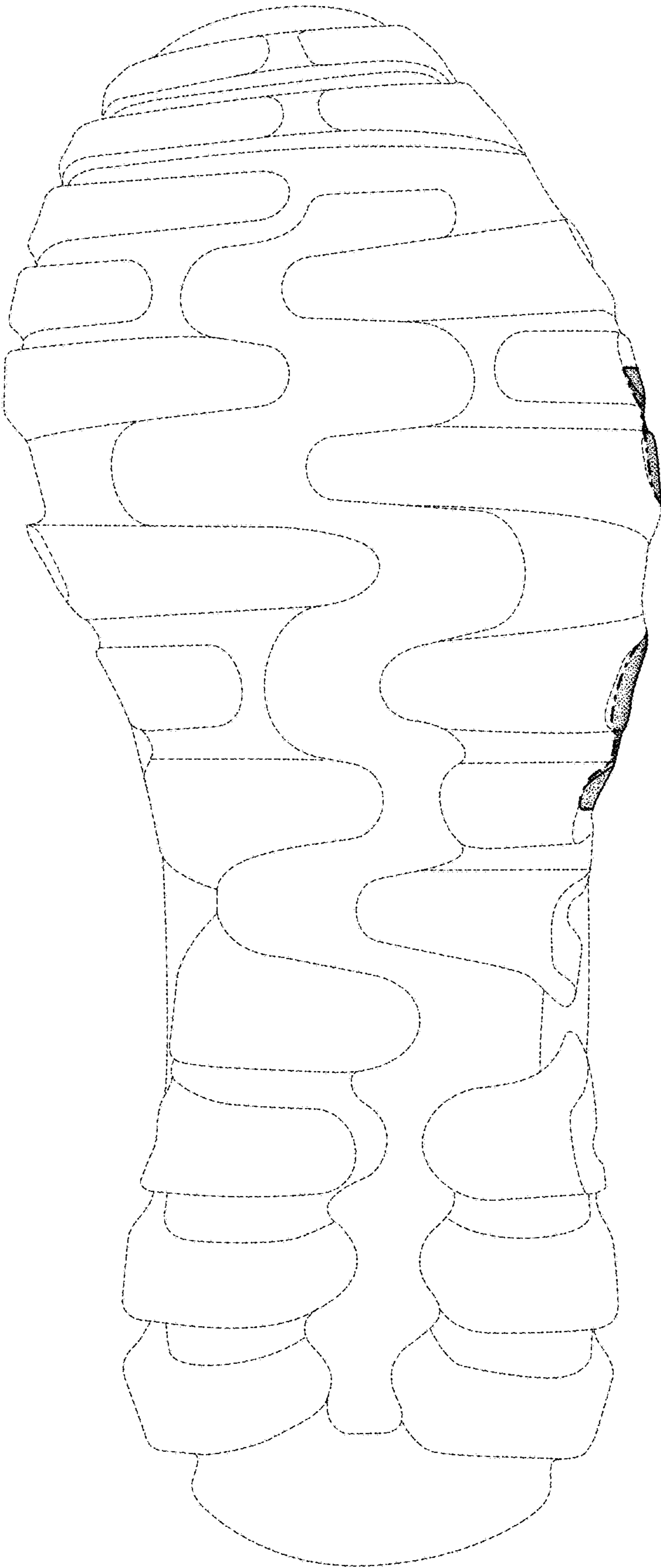


FIG. 5

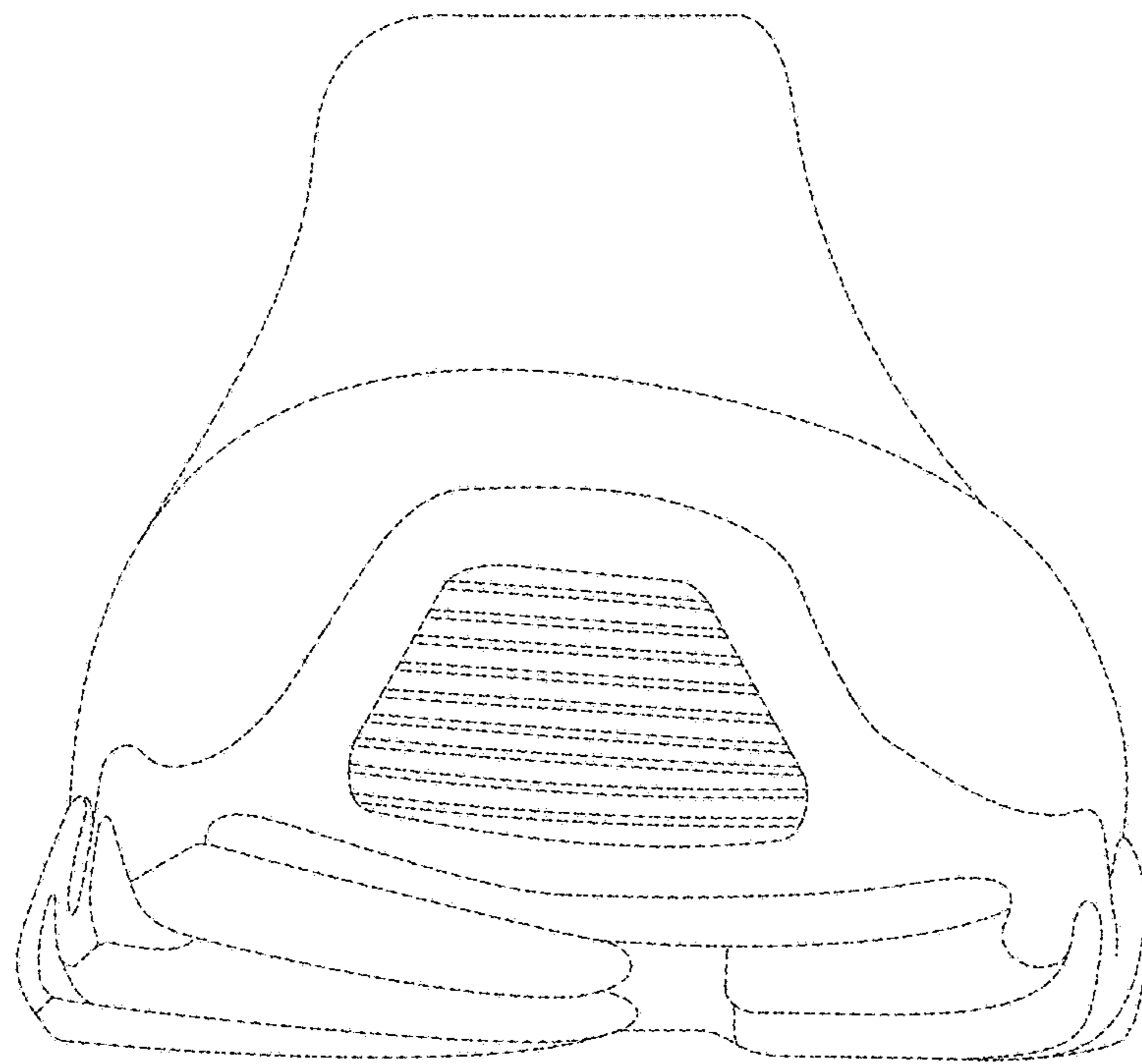


FIG. 6

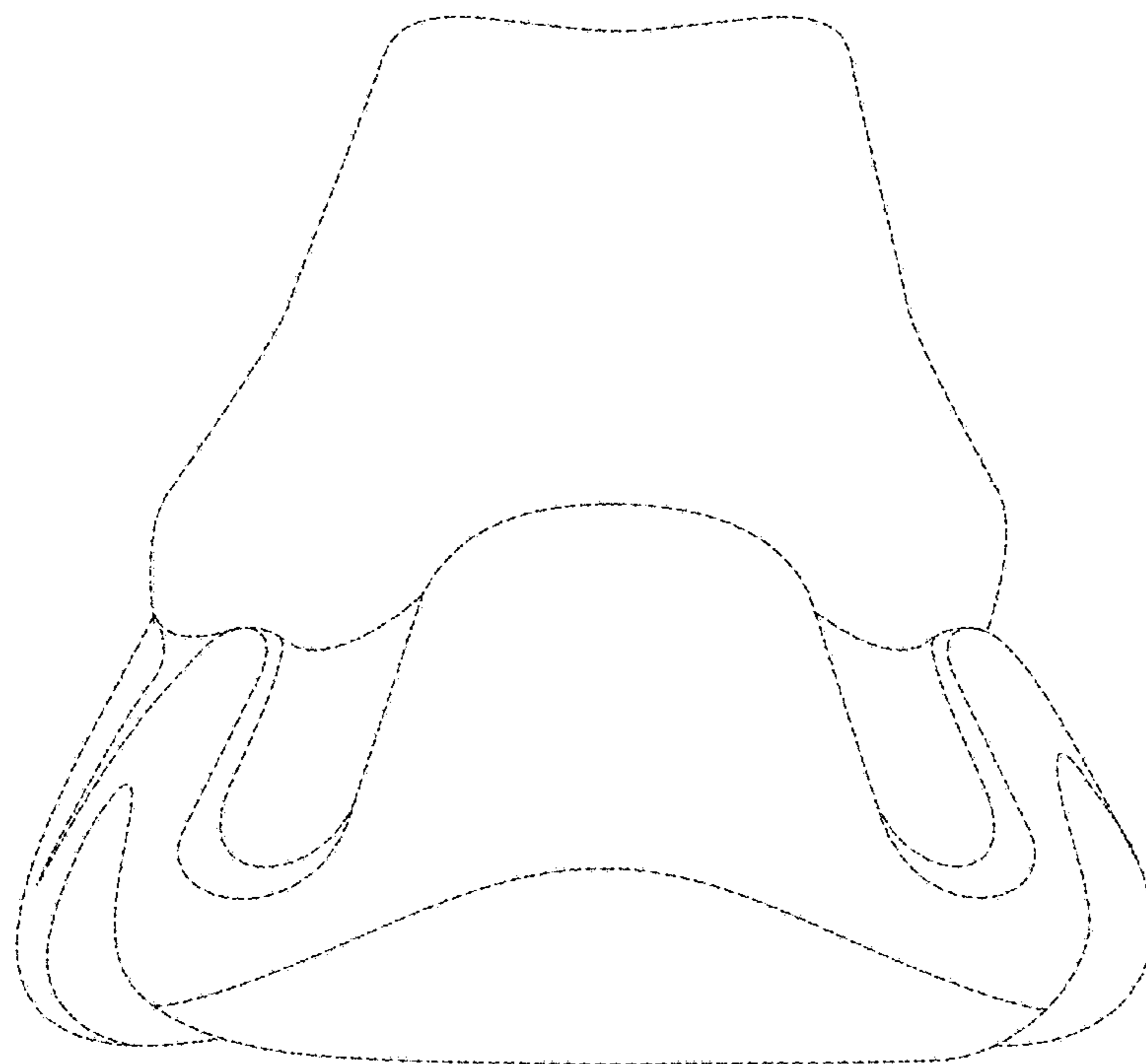


FIG. 7