



US00D830001S

(12) **United States Design Patent**  
**Turkbas**

(10) **Patent No.:** **US D830,001 S**  
(45) **Date of Patent:** **\*\* Oct. 2, 2018**

- (54) **MOUTHGUARD**
- (71) Applicant: **Shock Doctor, Inc.**, Minnetonka, MN (US)
- (72) Inventor: **Jay N. Turkbas**, Huntington Beach, CA (US)
- (73) Assignee: **Shock Doctor, Inc.**, Minnetonka, MN (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/579,049**
- (22) Filed: **Sep. 27, 2016**
- (51) **LOC (11) Cl.** ..... **29-02**
- (52) **U.S. Cl.**  
USPC ..... **D29/108**
- (58) **Field of Classification Search**  
USPC ..... D29/100, 105, 106, 108, 122; D24/181, D24/108-110.5, 156, 176; 128/861, 862, 128/859, 860, 857, 846, 848; 602/902; 433/6, 18, 24, 168.1; 2/9, 424, 425; D15/31; D5/1, 2, 56, 61; D25/100, 138, D25/152  
CPC ..... A61C 19/063; A61C 5/90; A61C 7/08; A61C 7/10; A61C 13/08; A61C 13/081; A61C 13/083; A61C 13/087; A61C 19/066; A61C 5/14; A61F 5/566; A61F 5/58; A63B 71/08; A63B 71/081; A63B 71/085; A63B 2071/088; A63B 2071/086; A61B 13/00; A61B 1/24  
See application file for complete search history.

3,103,217 A	9/1963	Butler et al.
3,333,582 A	8/1967	Cathcart
D212,848 S	12/1968	Westlund et al.
3,505,995 A	4/1970	Greenberg
3,768,465 A	10/1973	Helmer

(Continued)

**FOREIGN PATENT DOCUMENTS**

AU	2013205854 A1	3/2014
GB	2491183 A	11/2012
WO	2014093850 A1	6/2014

**OTHER PUBLICATIONS**

Gel Max Power Mouthguard, earliest comment Oct. 9, 2017, [online], [site visited Apr. 13, 2018]. Retrieved from url:https://www.shockdoctor.com/gel-max-power-mouthguard (Year: 2017).\*

(Continued)

*Primary Examiner* — Jeffrey D Asch  
*Assistant Examiner* — Tracey J. Bell  
(74) *Attorney, Agent, or Firm* — Faegre Baker Daniels LLP

(57) **CLAIM**

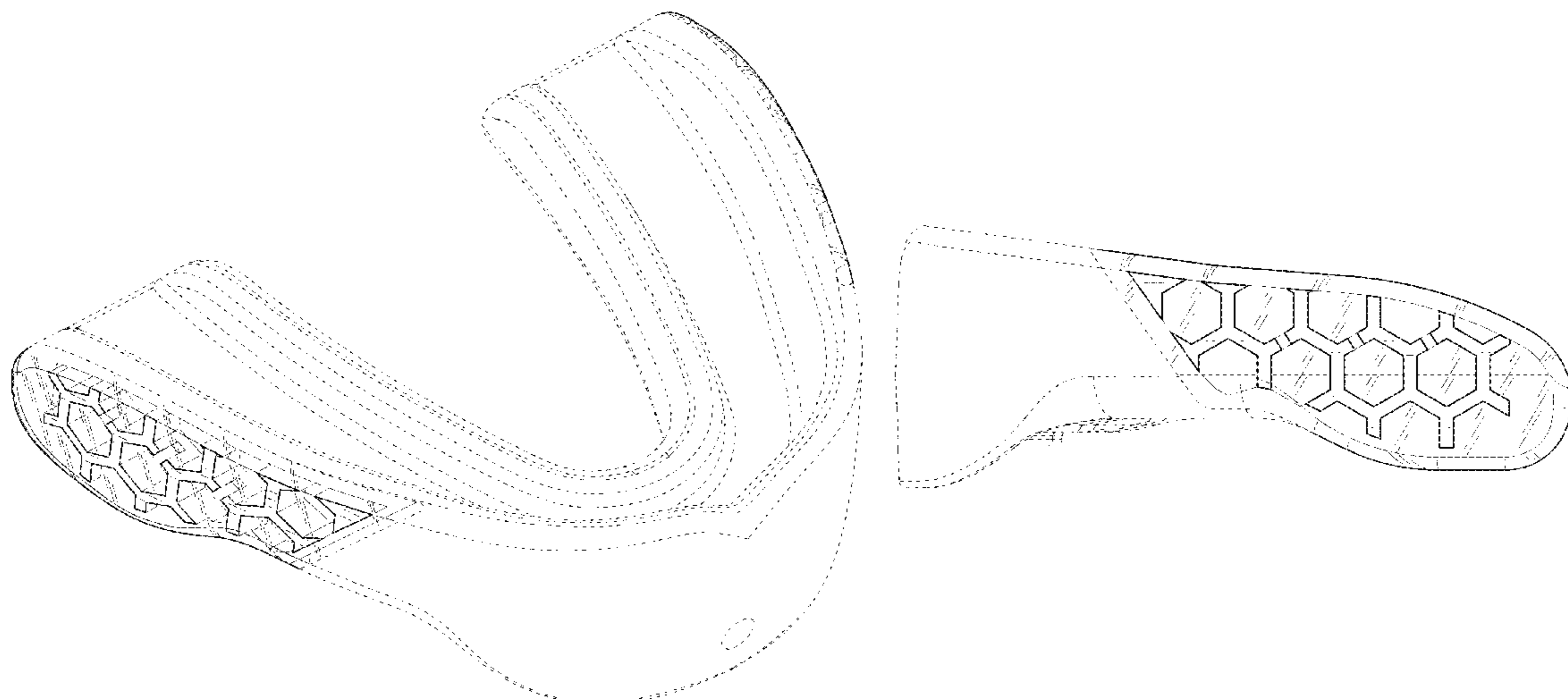
The ornamental design for a mouthguard, as shown and described.

**DESCRIPTION**

FIG. 1 a front perspective view of mouthguard showing my new design;  
FIG. 2 is rear perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top view thereof; and,  
FIG. 8 is a bottom view thereof.  
Features shown in dashed lines form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**

- (56) **References Cited**  
U.S. PATENT DOCUMENTS
- |             |        |               |
|-------------|--------|---------------|
| 1,146,264 A | 7/1915 | Kelly         |
| 2,444,294 A | 6/1948 | Jones et al.  |
| 2,521,039 A | 9/1950 | Carpenter     |
| 2,827,899 A | 3/1958 | Altieri       |
| 3,089,487 A | 5/1963 | Enicks et al. |



(56)

References Cited

U.S. PATENT DOCUMENTS

RE28,667 E 12/1975 Gores  
D273,527 S \* 4/1984 Pota ..... D25/157  
4,495,945 A 1/1985 Liegner  
4,568,280 A 2/1986 Ahlin  
4,977,905 A 12/1990 Kittelson et al.  
5,031,638 A 7/1991 Castaldi  
5,063,940 A 11/1991 Adell et al.  
5,117,816 A 6/1992 Shapiro et al.  
D328,494 S 8/1992 Schwendeman et al.  
D328,965 S 9/1992 Ewing  
5,165,424 A 11/1992 Silverman  
5,277,203 A 1/1994 Hays  
5,293,880 A 3/1994 Levitt  
5,339,832 A 8/1994 Kittelsen et al.  
5,406,963 A 4/1995 Adell  
5,566,683 A 10/1996 Thornton  
5,642,737 A 7/1997 Parks  
D382,965 S 8/1997 Wagner  
5,692,523 A 12/1997 Croll et al.  
5,693,523 A 12/1997 Watanabe et al.  
5,826,581 A 10/1998 Yoshida  
5,842,860 A 12/1998 Funt  
D414,281 S \* 9/1999 Sassenberg ..... D25/152  
5,970,981 A 10/1999 Ochel  
6,036,487 A 3/2000 Westerman  
6,068,475 A 5/2000 Stoyka, Jr.  
6,082,363 A 7/2000 Washburn  
D452,011 S 12/2001 Redhage  
6,405,729 B1 6/2002 Thornton  
6,584,978 B1 7/2003 Brett et al.  
6,691,710 B2 2/2004 Kittelsen et al.  
6,978,786 B2 12/2005 Sabbagh  
D530,863 S 10/2006 Manzo et al.  
D537,987 S \* 3/2007 Manzo ..... D29/108  
D541,481 S 4/2007 Farrell  
7,210,483 B1 5/2007 Lesniak et al.  
7,299,804 B2 11/2007 Kittelsen et al.  
7,658,193 B2 2/2010 Lesniak  
D614,304 S 4/2010 Jansheski  
7,775,214 B1 \* 8/2010 Lesniak ..... A63B 71/085  
128/846  
D641,478 S 7/2011 Belvedere et al.  
8,033,392 B1 10/2011 Gehner et al.  
8,116,854 B2 2/2012 Hart et al.  
D658,813 S \* 5/2012 Manzo ..... D29/108  
D663,485 S 7/2012 Turkbash et al.  
D663,486 S 7/2012 Turkbash et al.  
8,235,052 B2 8/2012 Maurello  
D688,832 S 8/2013 Polk, III  
8,607,798 B2 12/2013 Turkbash et al.  
D727,571 S \* 4/2015 Brett ..... D29/108  
D728,162 S \* 4/2015 Gottsch ..... D29/108  
D743,108 S \* 11/2015 Charlton ..... D29/108  
D797,379 S \* 9/2017 Patel ..... D29/108  
D804,043 S \* 11/2017 Gildersleeve ..... D24/189  
D814,053 S \* 3/2018 Darrow ..... D25/109  
2003/0075184 A1 4/2003 Persichetti  
2003/0136416 A1 7/2003 White  
2003/0205234 A1 11/2003 Bardach et al.  
2004/0076219 A1 \* 4/2004 Madison ..... A63B 71/085  
374/159  
2004/0154626 A1 \* 8/2004 Washburn ..... A63B 71/085  
128/861  
2005/0019524 A1 \* 1/2005 Kershaw ..... A41D 13/05  
428/116  
2007/0084471 A1 4/2007 Napoli et al.  
2007/0151567 A1 7/2007 Maurello  
2007/0151568 A1 7/2007 Maurello  
2007/0235039 A1 10/2007 Gottsch  
2008/0113143 A1 \* 5/2008 Taylor ..... A41D 31/005  
428/47  
2009/0038624 A1 2/2009 Akervall et al.

2010/0055233 A1 3/2010 MacInnis et al.  
2010/0304338 A1 12/2010 Cramer et al.  
2011/0005531 A1 \* 1/2011 Manzo ..... A63B 71/085  
128/862  
2011/0114100 A1 5/2011 Alvarez et al.  
2011/0186055 A1 8/2011 Makkar et al.  
2011/0230587 A1 9/2011 MacInnis et al.  
2012/0017922 A1 1/2012 Hirshberg  
2012/0085354 A1 4/2012 Polk, III  
2012/0090625 A1 4/2012 Evans et al.  
2012/0111343 A1 5/2012 Turkbash et al.  
2013/0087157 A1 4/2013 Hawkins  
2013/0104913 A1 5/2013 Evans et al.  
2014/0090655 A1 4/2014 Robinson  
2014/0166024 A1 6/2014 Davidson et al.  
2014/0238417 A1 8/2014 Turkbash  
2014/0238418 A1 8/2014 Turkbash  
2014/0261465 A1 9/2014 Turkbash  
2014/0345626 A1 \* 11/2014 Brett ..... A63B 71/085  
128/861  
2014/0352704 A1 \* 12/2014 Farrell ..... A63B 71/085  
128/862  
2016/0001160 A1 \* 1/2016 Engel ..... A63B 71/085  
128/861  
2017/0120135 A1 \* 5/2017 Engel ..... A63B 71/085  
2017/0312613 A1 \* 11/2017 Wright ..... A63B 71/085  
2018/0014912 A1 \* 1/2018 Radmand ..... A61C 5/007

OTHER PUBLICATIONS

Gel Max Mouthguard, earliest comment Aug. 26, 2015, [online], [site visited Apr. 13, 2018]. Retrieved from url:https://www.shockdoctor.com/gel-max-mouthguard (Year: 2015).\*

SuperFit Basketball Mouthguard, earliest comment Jul. 17, 2017, [online], [site visited Apr. 13, 2018]. Retrieved from url:https://www.shockdoctor.com/superfit-basketball-mouthguard-9200 (Year: 2017).\*

Honeycomb Tower, Suzane Alward, Compulsive Art Tendencies Revealed, Mar. 2, 2014, [online], [site visited Apr. 16, 2018]. Retrieved from url:https://suzannealward.wordpress.com/2014/03/02/honeycomb-tower/ (Year: 2014).\*

Honeycomb wallpaper, no date available, [online], [site visited Apr. 13, 2018]. Retrieved from url:http://eskipaper.com/honeycomb-wallpaper-3.html#gal\_post\_73869\_honeycomb-wallpaper-3.jpg (Year: 2018).\*

European Search Report issued in EP Application No. 14757382.6 dated Nov. 2, 2016, 9 pages.

Extended European Search Report issued in EP application No. 14756802.6, dated Oct. 31, 2016, 10 pages.

International Search Report and Written Opinion issued in PCT/US2014/018755, dated May 22, 2014, 8 pages.

International Search Report and Written Opinion issued in PCT/US2014/018756, dated Jun. 3, 2014, 11 pages.

Shock Doctor Gel Max Mouthguard, www.shockdoctor.com/gel-max-mouthguard, accessed Jan. 24, 2017, at least available on Apr. 10, 2016.

Shock Doctor SuperFit Mouthguard, www.shockdoctor.com/superfit-mouthguard, accessed Jan. 24, 2017, at least available on Apr. 10, 2016.

Shock Doctor Ultra Double Braces Mouthguard, www.shockdoctor.com/ultra-double-braces-mouthguard, accessed Jan. 24, 2017, at least available on Apr. 10, 2016.

Shock Doctor Ultra2 STC Mouthguard, www.shockdoctor.com/ultra2-stc-mouthguard, accessed Jan. 24, 2017, at least available on Apr. 10, 2016.

International Search Report and Written Opinion issued in PCT/US2016/054693, dated Jul. 24, 2017, 17 pages.

PCT Invitation to Pay Additional Fees issued in PCT/US2016/054693, dated May 23, 2017, 14 pages.

\* cited by examiner

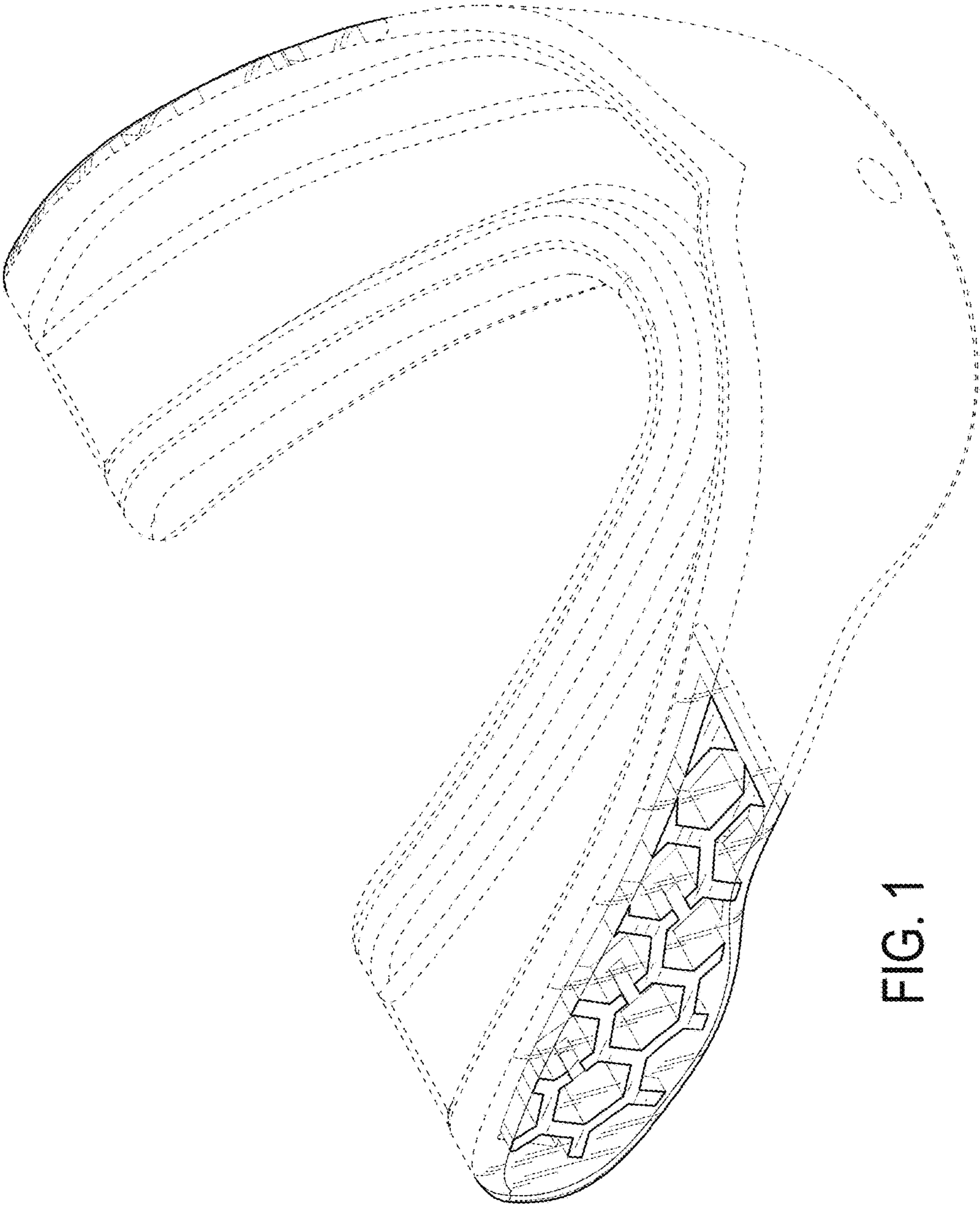


FIG. 1

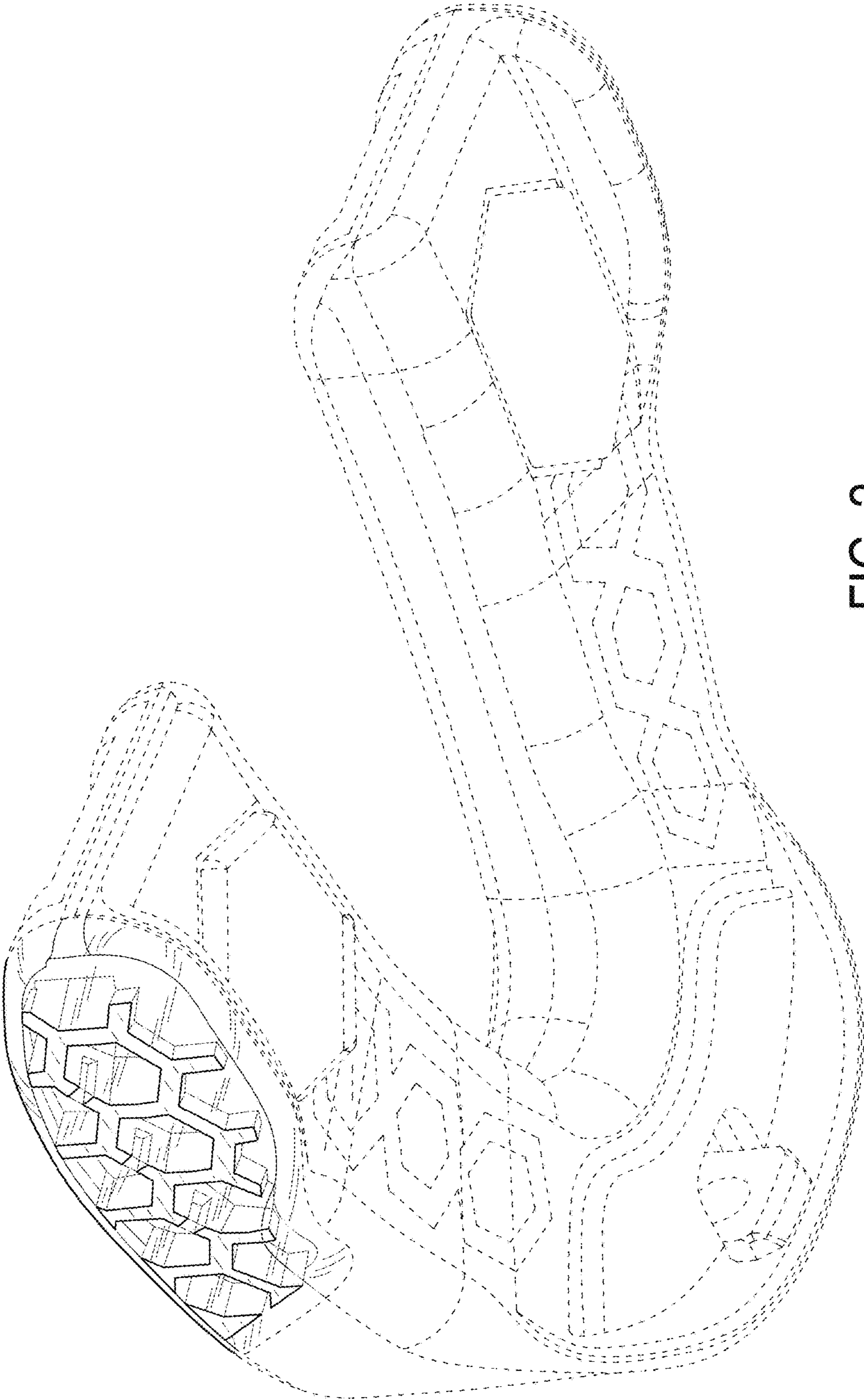


FIG. 2

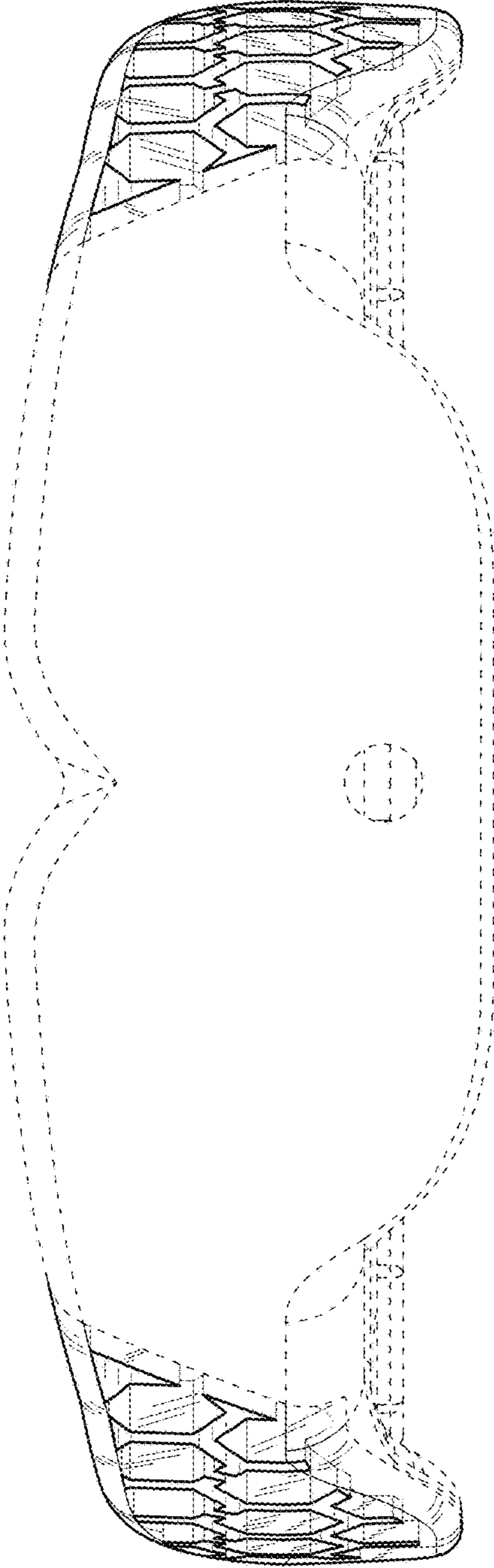


FIG. 3

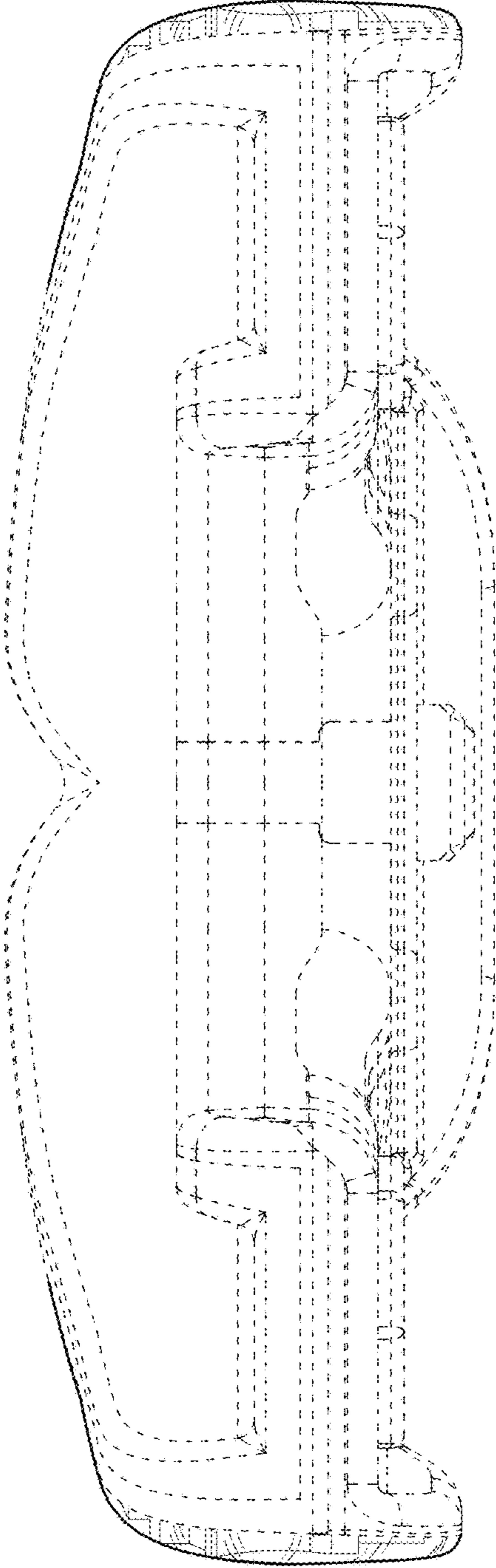


FIG. 4

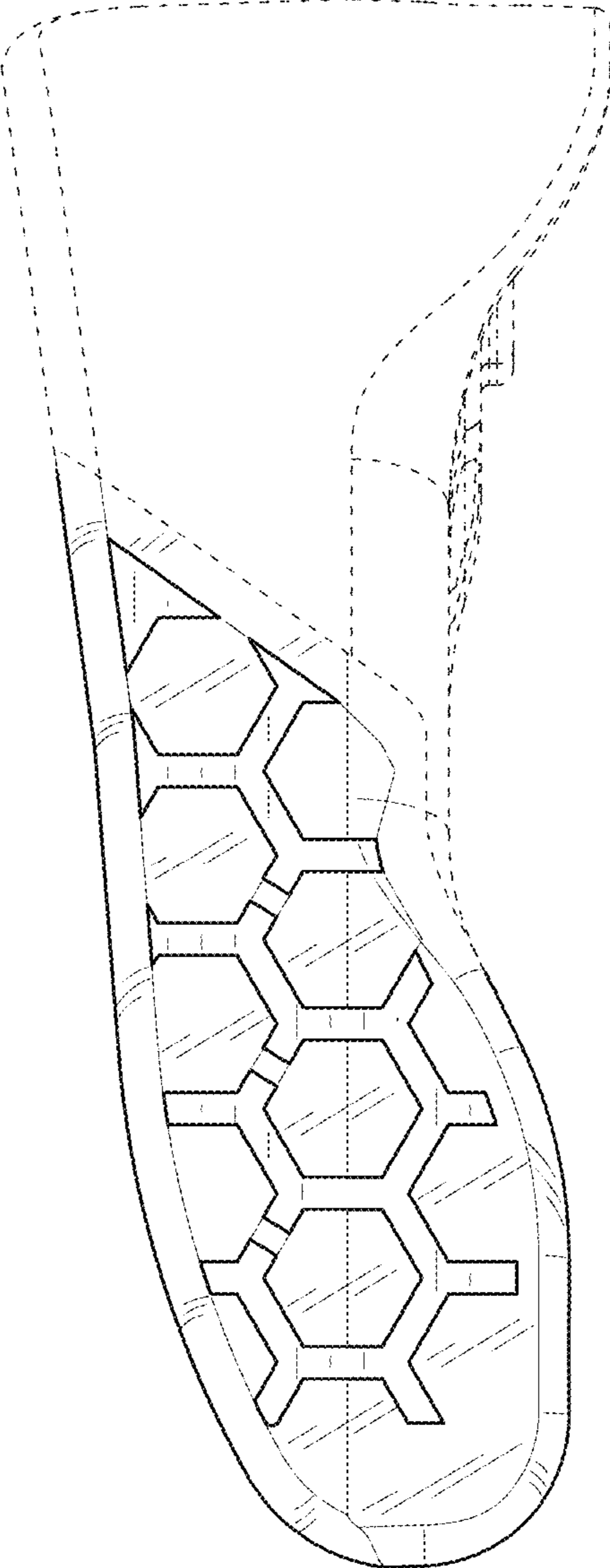


FIG. 5

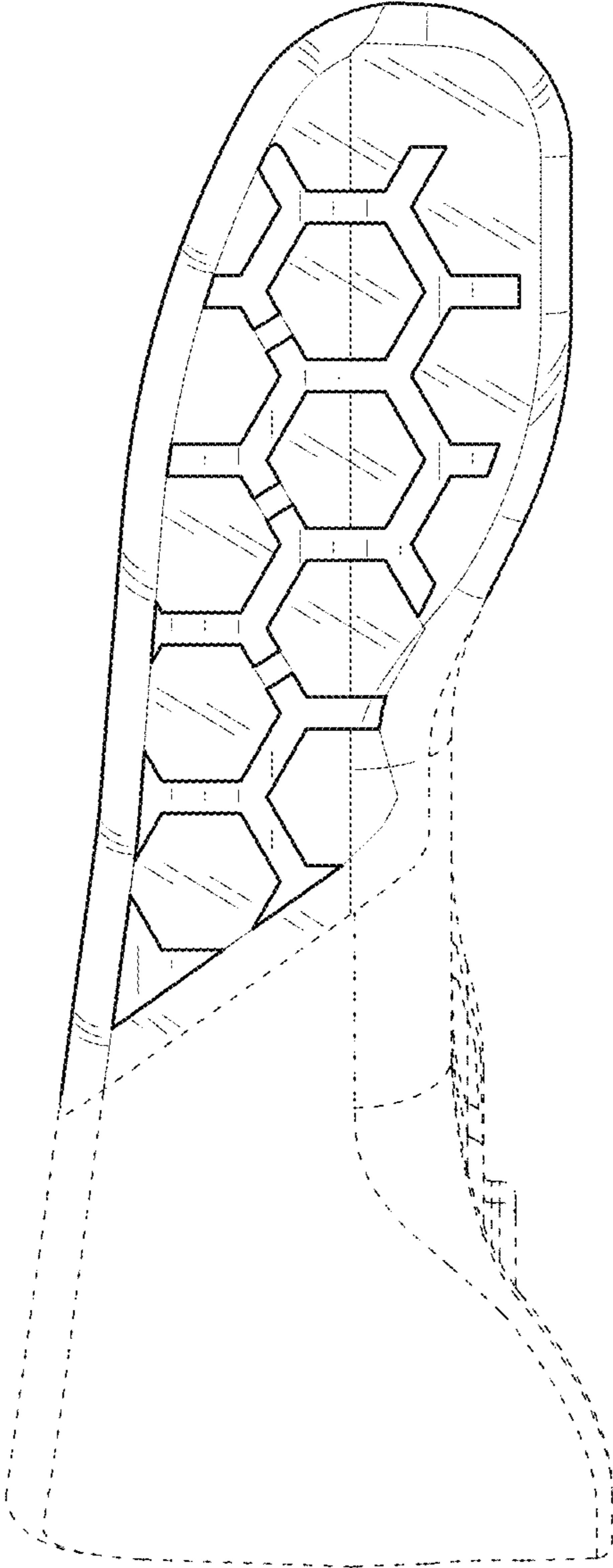


FIG. 6



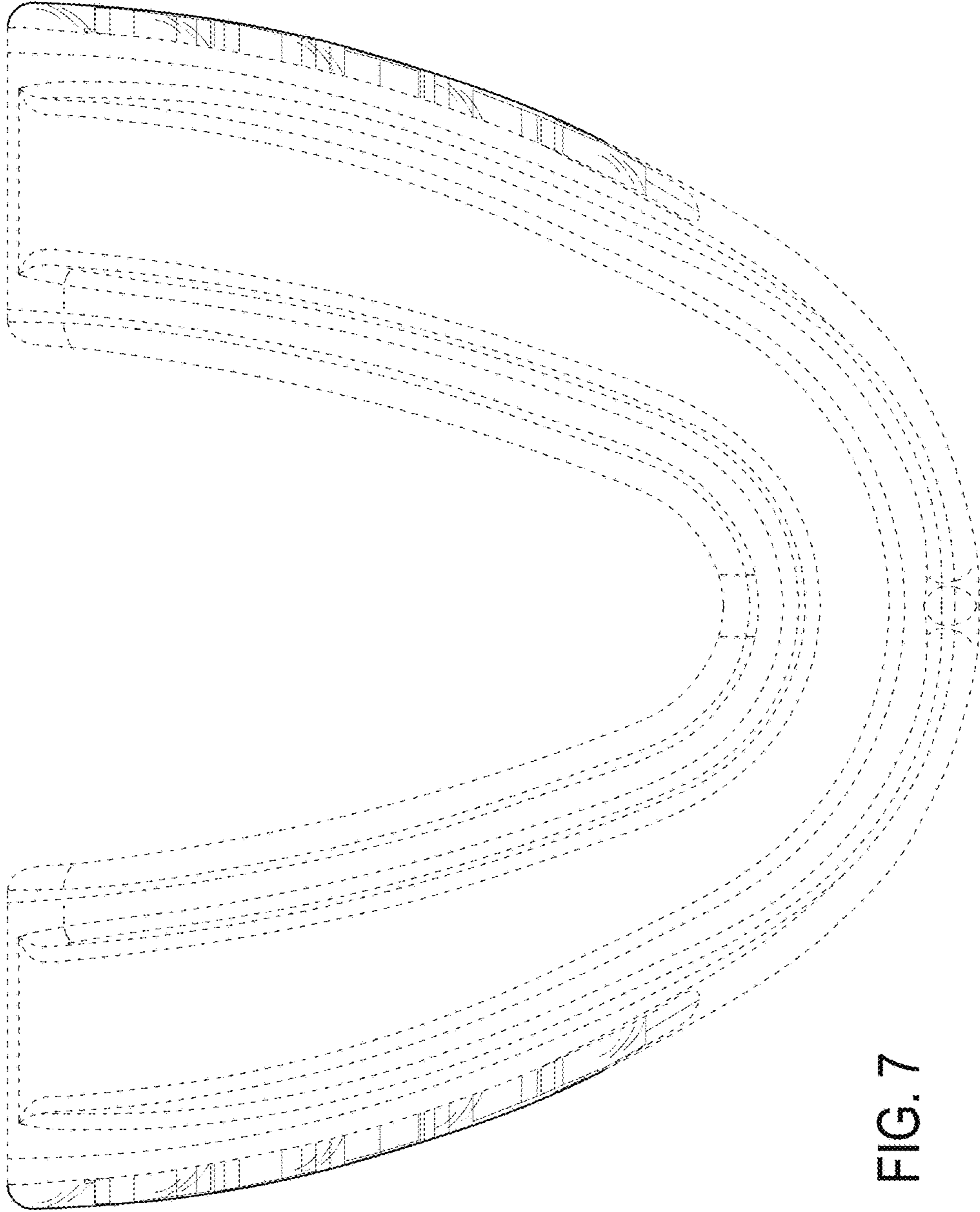


FIG. 7

FIG. 8

