



US00D962452S

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

(10) **Patent No.:** **US D962,452 S**  
(45) **Date of Patent:** **\*\* Aug. 30, 2022**

- (54) **WRIST BRACE**
- (71) Applicant: **Jinmin Zhang**, Shenzhen (CN)
- (72) Inventor: **Jinmin Zhang**, Shenzhen (CN)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/817,203**
- (22) Filed: **Nov. 30, 2021**
- (51) **LOC (13) Cl.** ..... **24-01**
- (52) **U.S. Cl.**  
USPC ..... **D24/190**
- (58) **Field of Classification Search**  
USPC ..... D24/188-190; D29/120.1, 120.2  
CPC ..... A61F 5/0118; A61F 5/05866; A61F 5/01;  
A61F 13/04; A61F 13/085; A61H 9/0078;  
A61H 9/0092; A41D 13/088; A41D  
13/08; A41D 13/081  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D238,520 S *	1/1976	Borenstein	.....	D29/120.1
D238,724 S *	2/1976	Kanicki	.....	D29/113
D239,220 S *	3/1976	Norman	.....	473/62
D259,955 S *	7/1981	Helferich	.....	D29/113
4,441,490 A *	4/1984	Nirschl	.....	A61F 5/0118 D24/190
4,584,993 A *	4/1986	Nelson	.....	A61F 5/0118 D24/190
D295,897 S *	5/1988	Thimm-Kelly	.....	D29/113
D306,364 S *	2/1990	Hamilton	.....	D24/190
D339,866 S *	9/1993	Rice	.....	D24/190
D357,745 S *	4/1995	Radwell	.....	D24/190
D360,467 S *	7/1995	Sydor	.....	D24/190
5,540,735 A *	7/1996	Wingrove	.....	A61F 5/0118 607/46
D385,669 S *	10/1997	Oetting	.....	D29/120.1
5,713,837 A *	2/1998	Grim	.....	A61F 5/0111 602/5

5,749,841 A *	5/1998	Moore	.....	A41D 13/088 602/20
6,024,715 A *	2/2000	Maxwell	.....	A61F 5/0118 602/21
6,186,969 B1 *	2/2001	Bell	.....	A61F 5/0118 602/64
D438,625 S *	3/2001	Kellogg	.....	D24/190
6,261,252 B1 *	7/2001	Darcey	.....	A61F 5/05866 602/5
D456,081 S *	4/2002	Bell	.....	D24/190
D461,901 S *	8/2002	Rodgers	.....	D24/190
D477,409 S *	7/2003	Mills	.....	D24/190

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 307090858 \* 2/2022

**OTHER PUBLICATIONS**

Thumb Spica Splint & Wrist Brace, [site visited Jun. 2, 2022]. Available from Internet. URL: <https://www.amazon.com/Thumb-Spica-Splint-Wrist-Brace/dp/B08JH25GMS?th=1> (Year: 2022).\*

*Primary Examiner* — T Chase Nelson  
*Assistant Examiner* — Kelly L Gross

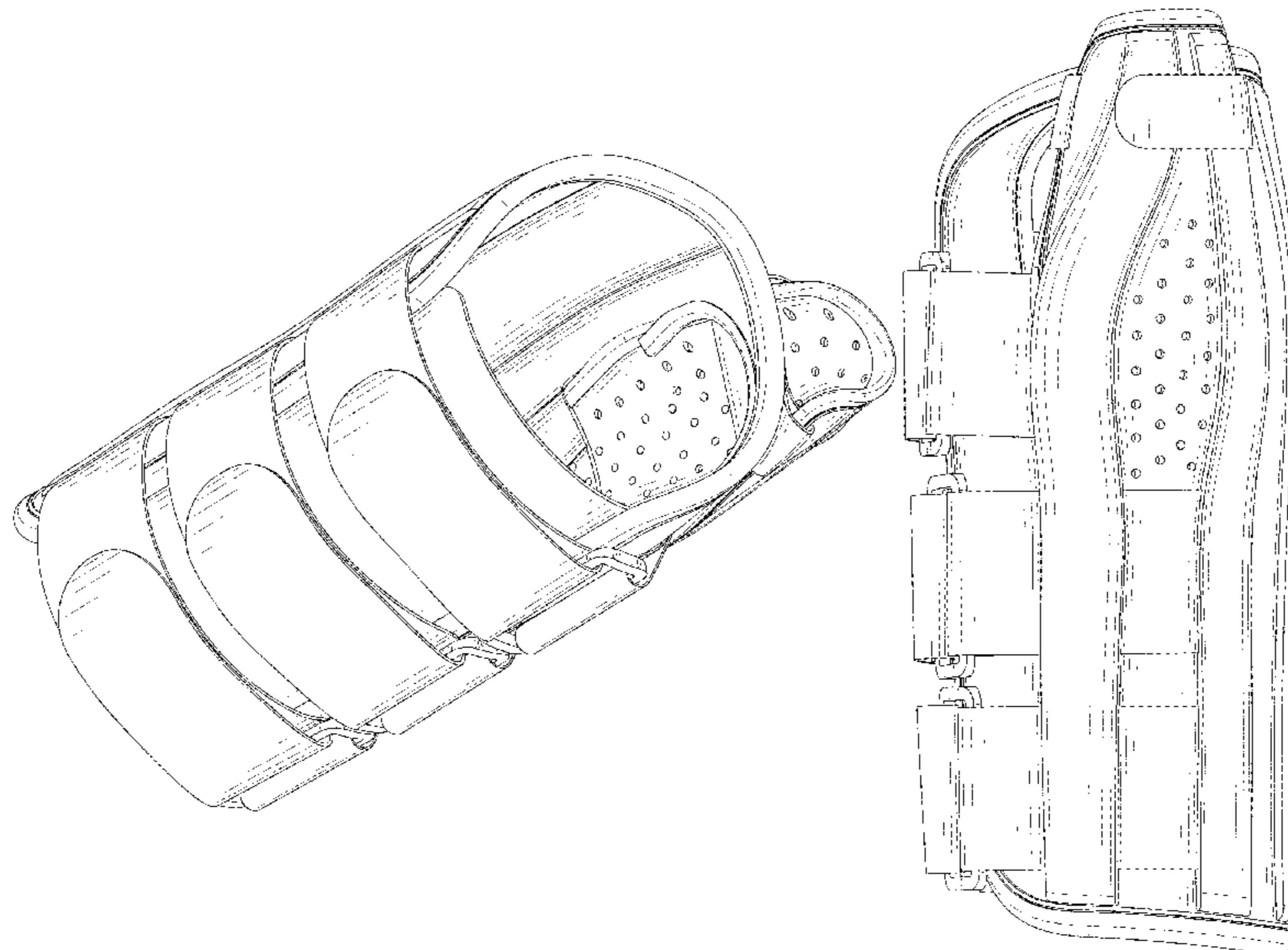
(57) **CLAIM**

The ornamental design for a wrist brace, as shown and described.

**DESCRIPTION**

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

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D496,465 S \* 9/2004 Weaver, II ..... D24/190  
 6,893,410 B1 \* 5/2005 Hely ..... A61F 13/108  
 6,960,176 B1 \* 11/2005 Hely ..... A61F 13/108  
 D533,280 S \* 12/2006 Wyatt ..... D24/190  
 D565,189 S \* 3/2008 Gramza ..... D24/190  
 D599,961 S \* 9/2009 Arshadi ..... D29/122  
 D603,969 S \* 11/2009 Bauerfeind ..... D24/190  
 D617,464 S \* 6/2010 Weaver, II ..... D24/190  
 D626,242 S \* 10/2010 Sagnip ..... A61F 5/01  
 D629,912 S \* 12/2010 Chiang ..... D24/190  
 D645,564 S \* 9/2011 Hinds ..... D24/190  
 D656,685 S \* 3/2012 Best ..... D29/120.1  
 D665,088 S \* 8/2012 Joseph ..... D24/190  
 D665,539 S \* 8/2012 Manalo ..... D29/120.1  
 D671,275 S \* 11/2012 Manalo ..... D29/120.1  
 D692,619 S \* 10/2013 Best ..... D29/120.1  
 D767,774 S \* 9/2016 Wellendorf ..... D24/190  
 D779,075 S \* 2/2017 Fried ..... A61F 5/01  
 D808,027 S \* 1/2018 Lane ..... D24/190  
 D829,332 S \* 9/2018 Cheers-Young ..... D24/190  
 D858,896 S \* 9/2019 Chang ..... D29/120.1  
 D900,326 S \* 10/2020 Woo ..... A61F 5/0118  
 D903,129 S \* 11/2020 Diamandis ..... A61F 5/0118  
 D926,999 S \* 8/2021 Watabe ..... D24/190  
 D935,626 S \* 11/2021 Zhang ..... D24/190  
 D935,627 S \* 11/2021 Zhang ..... D24/190  
 D938,049 S \* 12/2021 Ang ..... D24/190  
 2002/0193719 A1 \* 12/2002 Yewer, Jr. .... A61F 5/0118  
 2004/0024339 A1 \* 2/2004 De Lint ..... A61F 5/013

2004/0106889 A1 \* 6/2004 Robinson ..... A61F 5/0118  
 2004/0143205 A1 \* 7/2004 Ressel ..... A61F 5/0118  
 2004/0176714 A1 \* 9/2004 Darcey ..... A61F 5/0118  
 2005/0096575 A1 \* 5/2005 Weaver, II ..... A61F 5/0118  
 2005/0197608 A1 \* 9/2005 Taylor ..... A61F 5/0118  
 2005/0240140 A1 \* 10/2005 Nelson ..... A61F 5/0118  
 2006/0069335 A1 \* 3/2006 Fritsch ..... A61F 5/01  
 2008/0281242 A1 \* 11/2008 Nyi ..... A61F 5/30  
 2008/0287848 A1 \* 11/2008 Jaccard ..... A61F 5/05866  
 2011/0208100 A1 \* 8/2011 Eck ..... A61F 5/0118  
 2013/0211304 A1 \* 8/2013 Romo ..... A61F 5/013  
 2014/0081188 A1 \* 3/2014 Hargis ..... A61F 5/05866  
 2014/0330189 A1 \* 11/2014 Kilbey ..... A61F 5/0118  
 2015/0374528 A1 \* 12/2015 Mueller ..... A61F 5/0118  
 2016/0058602 A1 \* 3/2016 Wang ..... A61F 5/05866  
 2017/0143526 A1 \* 5/2017 Gaylord ..... A61F 5/0118  
 2017/0143530 A1 \* 5/2017 Gaylord ..... A61F 5/0118  
 2017/0354528 A1 \* 12/2017 Lane ..... A61F 5/01  
 2018/0055672 A1 \* 3/2018 Erwin ..... A61F 5/0118  
 2018/0110643 A1 \* 4/2018 Carlson ..... A61F 5/05866  
 2020/0069480 A1 \* 3/2020 Janot ..... A61F 5/0118  
 2020/0281755 A1 \* 9/2020 Dillingham ..... A61F 5/05866  
 2021/0228391 A1 \* 7/2021 Criticos ..... A61F 5/0118

\* cited by examiner

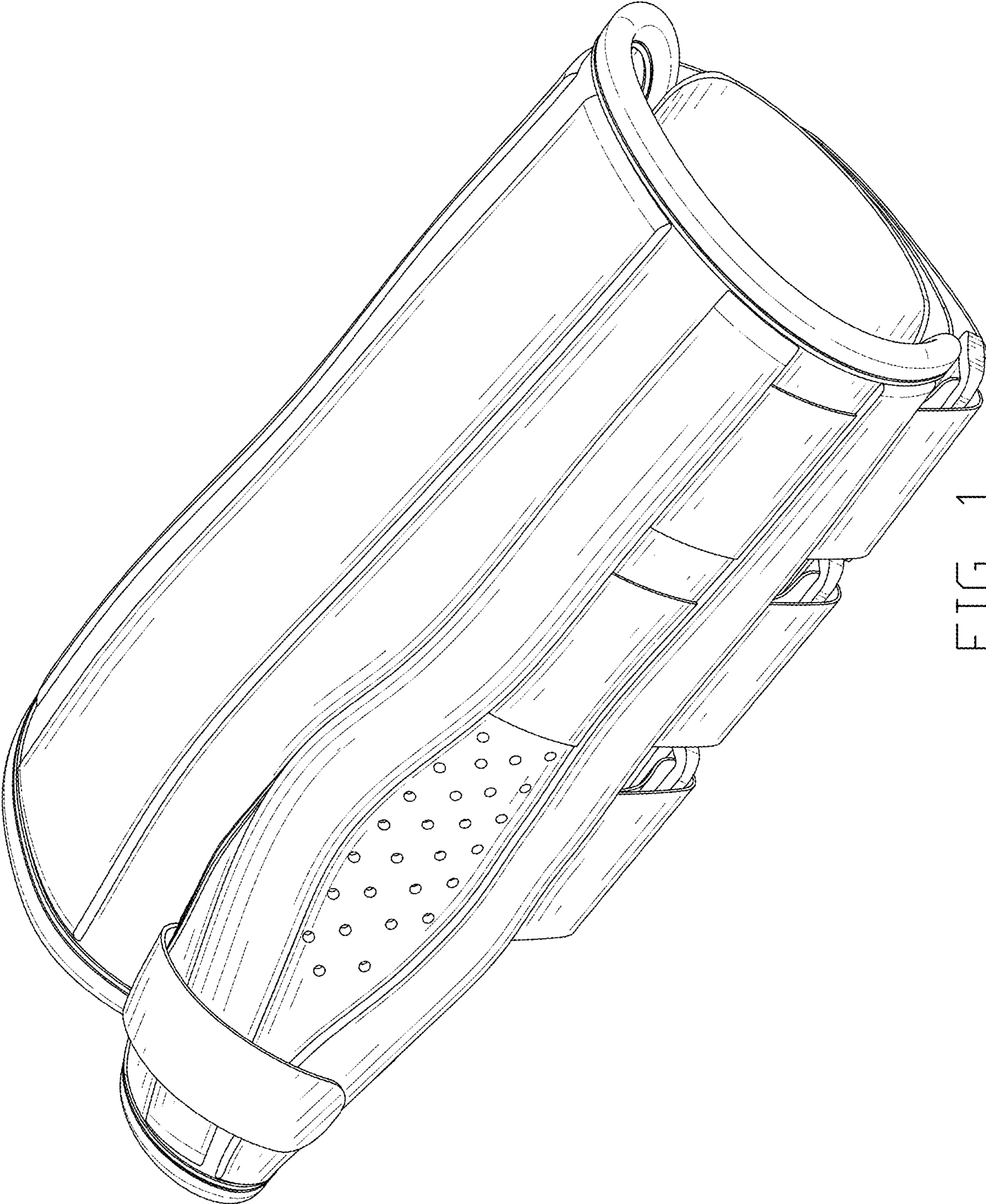


FIG. 1

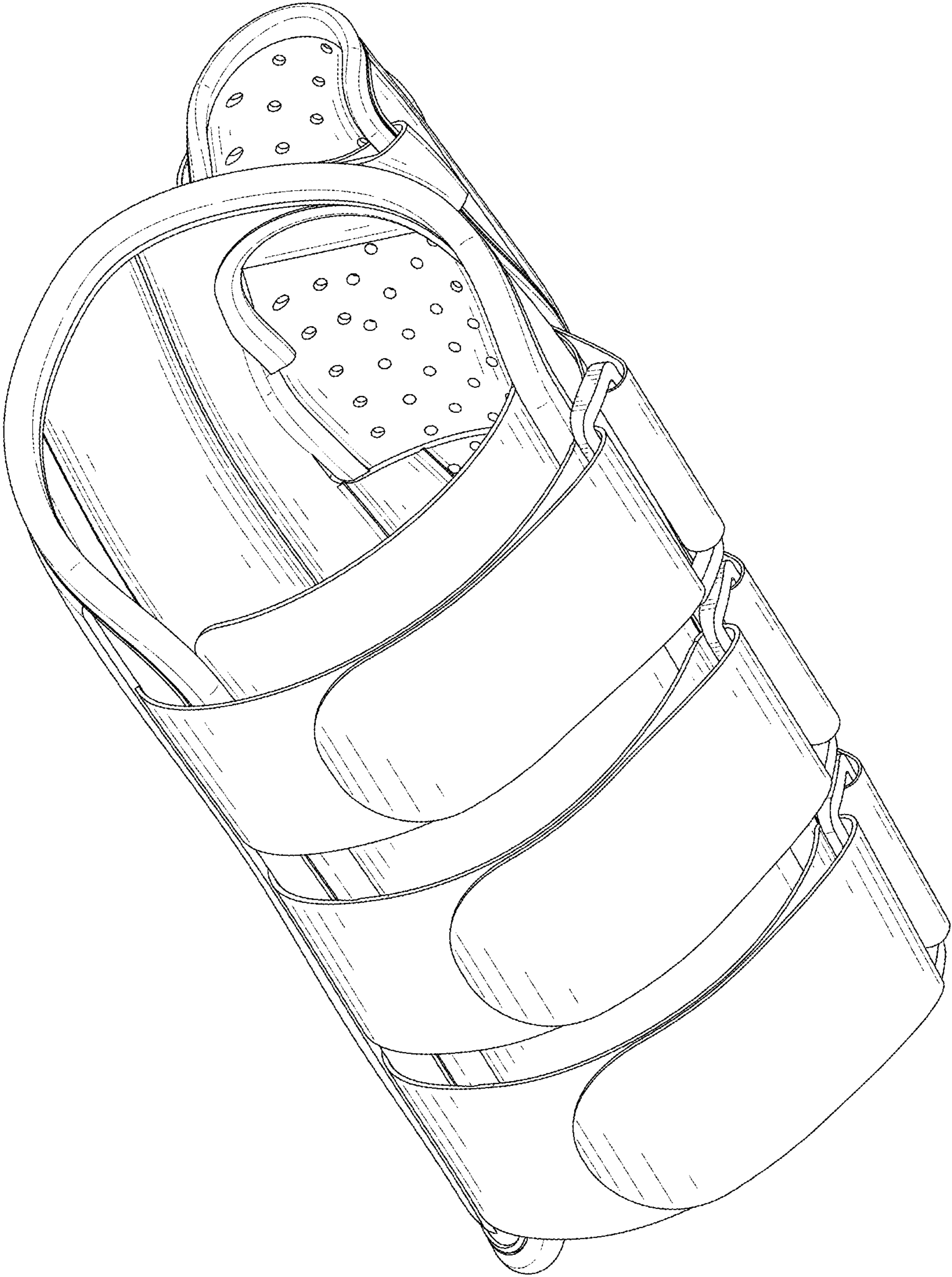


FIG. 2

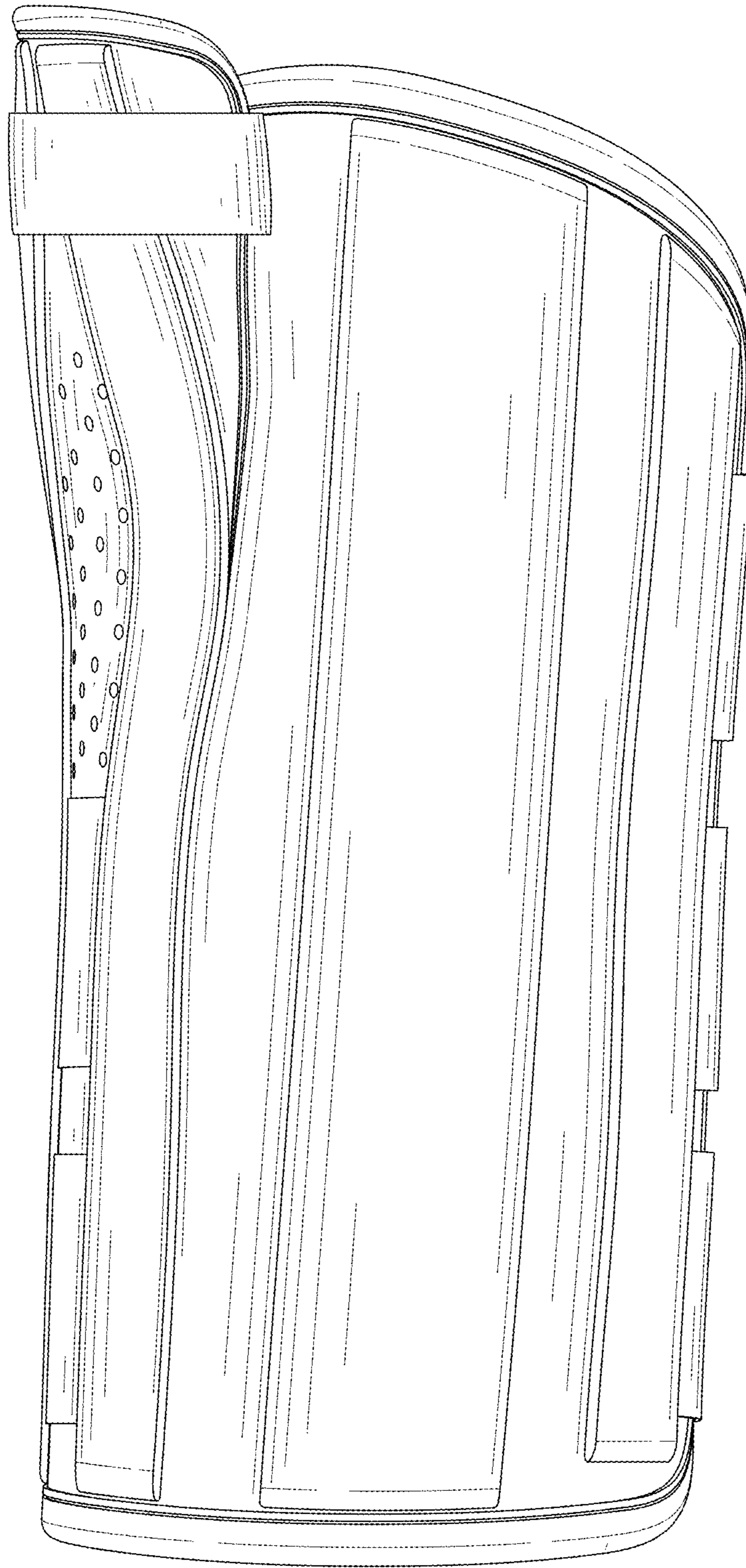


FIG. 3

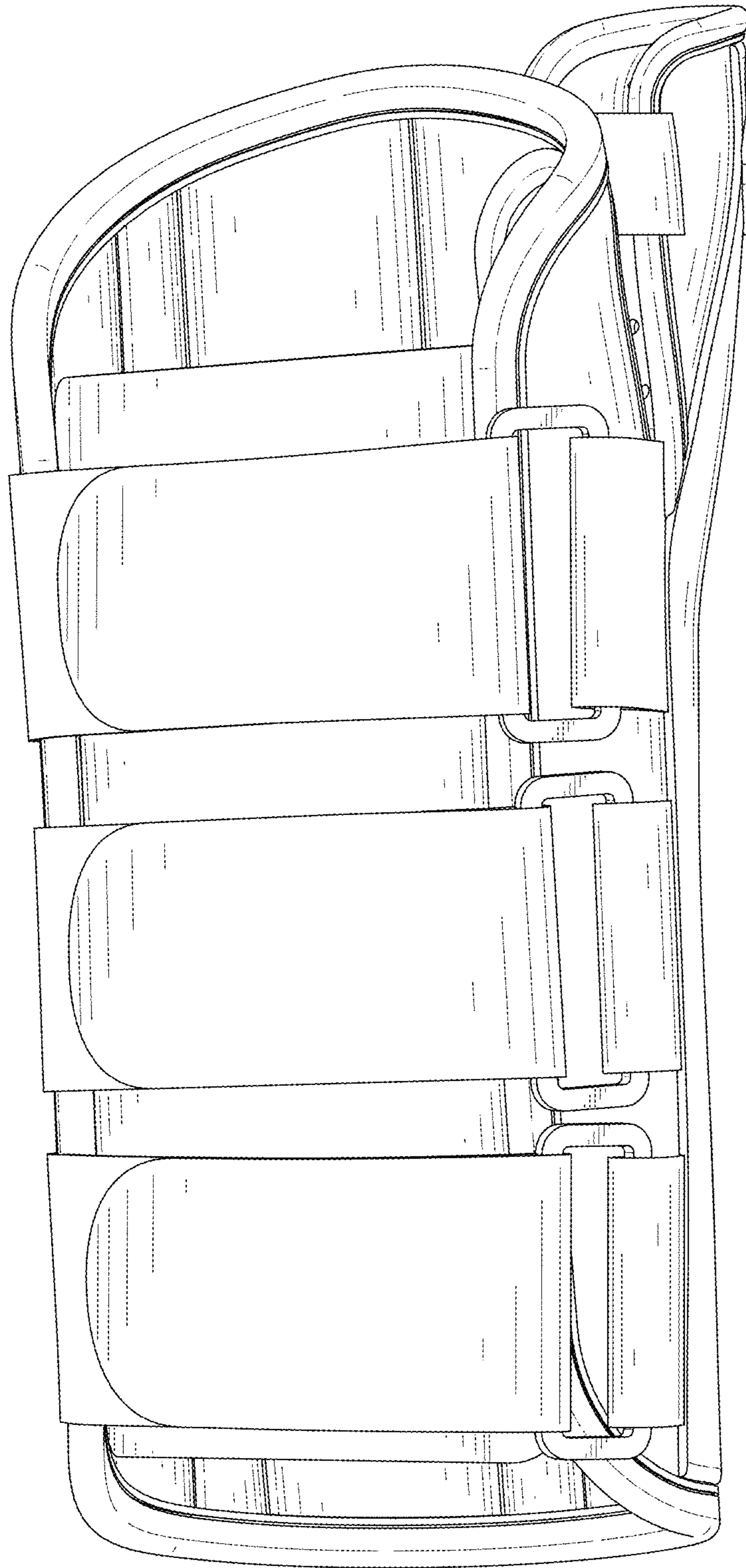


FIG. 4

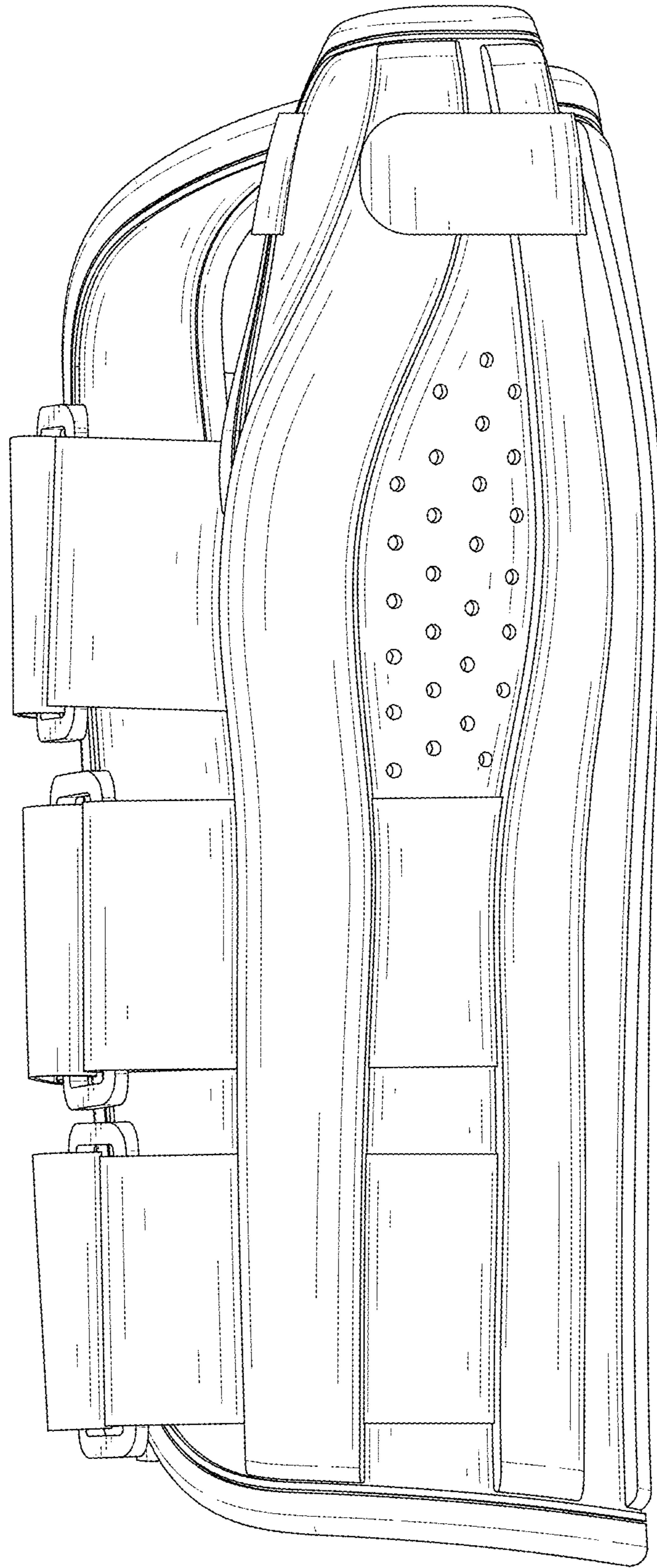


FIG. 5

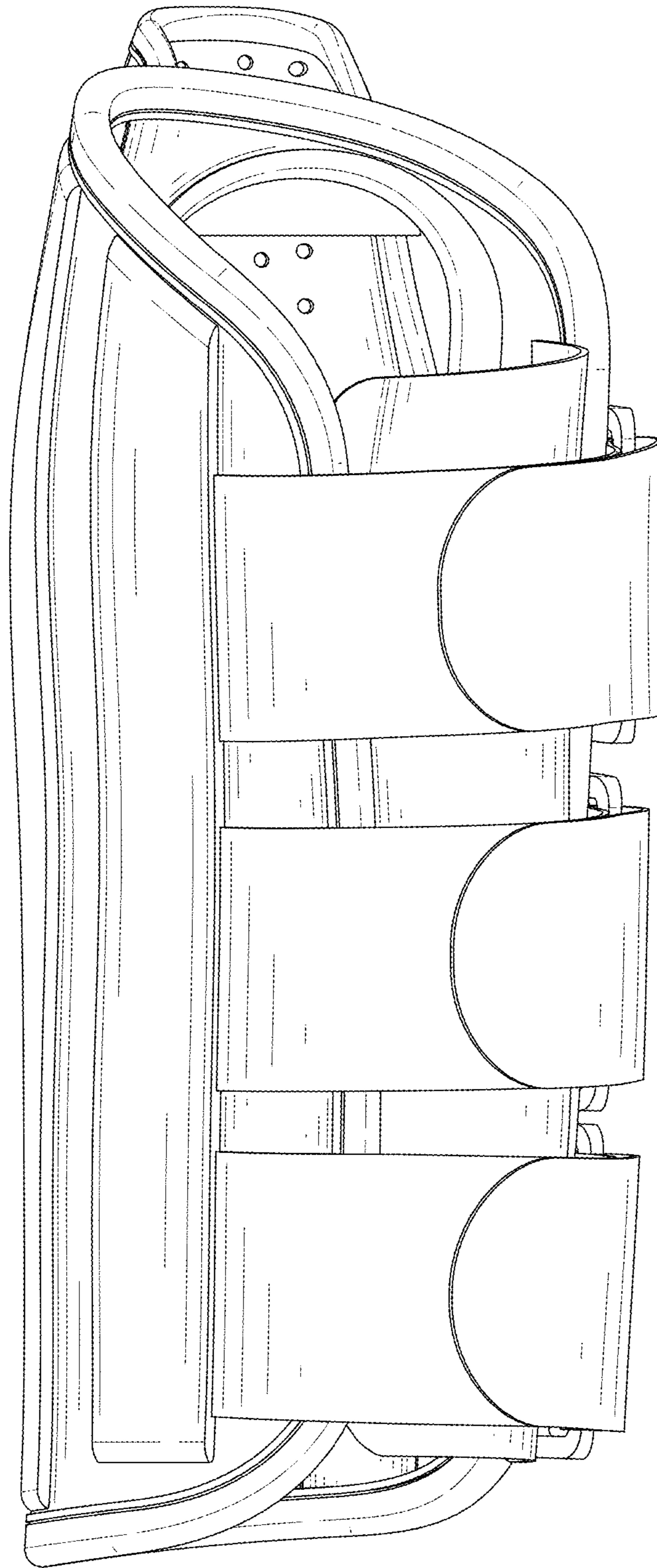


FIG. 6



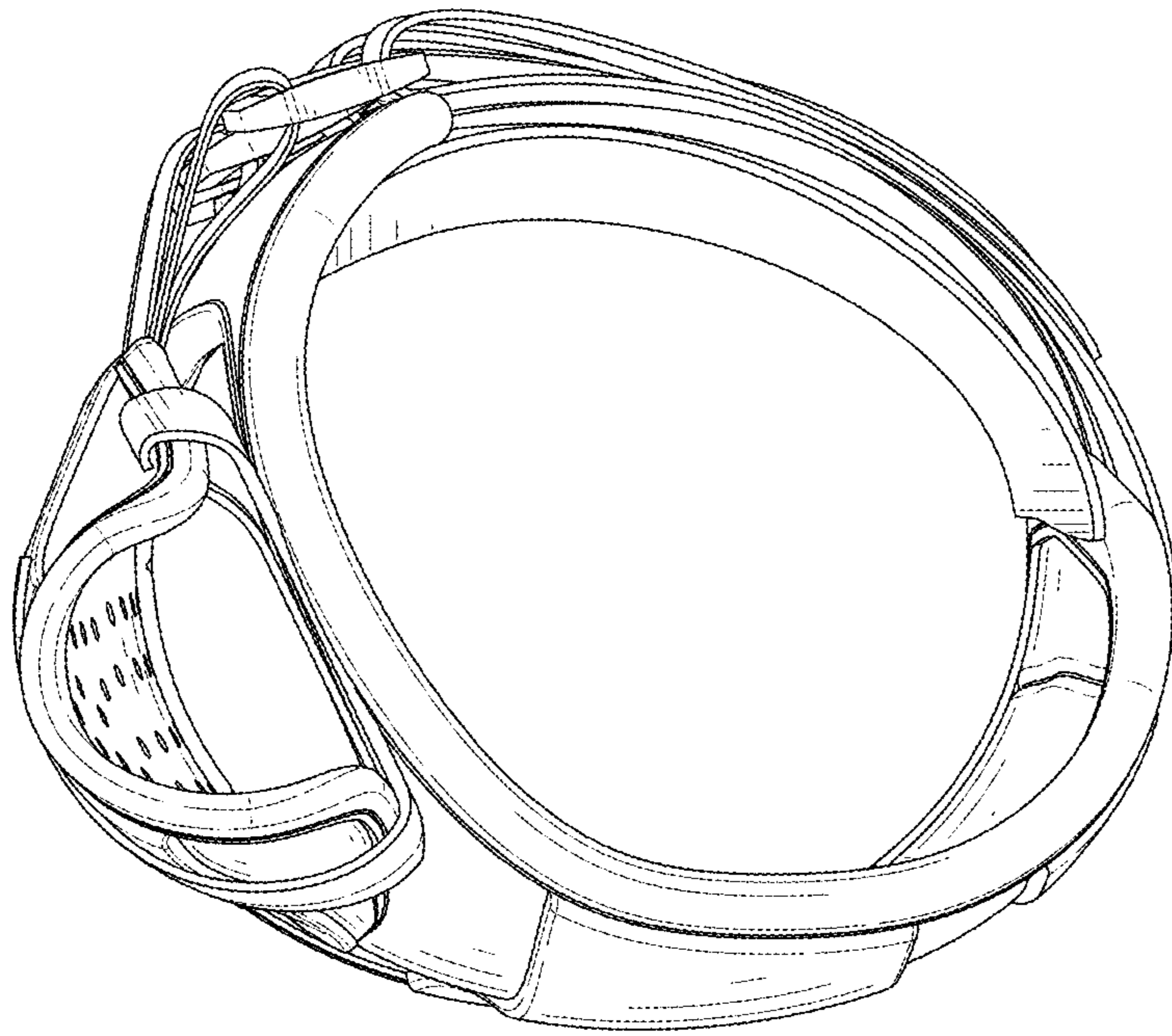


FIG. 7

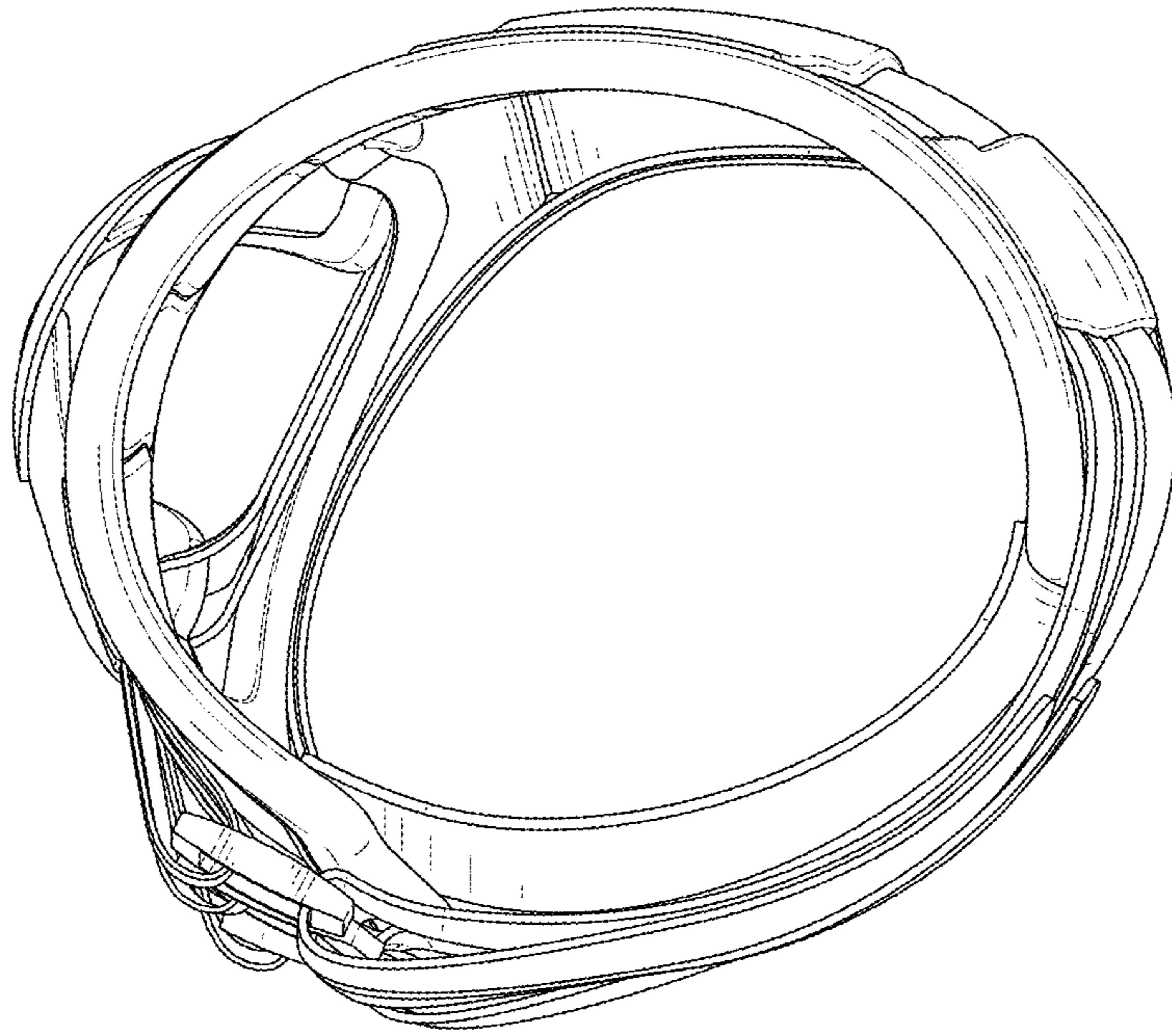


FIG. 8