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

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- (54) **THERMAL PACK**
- (71) Applicant: **Daniel Jared Baumwald**, Elkridge, MD (US)
- (72) Inventor: **Daniel Jared Baumwald**, Elkridge, MD (US)
- (73) Assignee: **TheraPearl, LLC**, Columbia, MD (US)
- (\*\*) Term: **14 Years**
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3,301,254 A	1/1967	Schickendanz	
3,736,769 A	6/1973	Petersen	
3,768,485 A	10/1973	Linick	
D242,958 S *	1/1977	Manschot et al. ....	D24/118
D243,121 S *	1/1977	Ralston et al. ....	D24/118
D245,119 S *	7/1977	Harris .....	D24/127
4,122,847 A	10/1978	Craig	
D251,258 S	3/1979	Power .....	D24/189
D251,576 S	4/1979	Geenen-Megens	
D258,532 S	3/1981	Wagner	
4,316,287 A	2/1982	Rule .....	D6/598
4,470,417 A	9/1984	Gruber	
D278,363 S	4/1985	Schenkel et al.	
4,559,047 A	12/1985	Kapralis et al. ....	607/109

(Continued)

**Related U.S. Application Data**

- (63) Continuation-in-part of application No. 29/410,930, filed on Jan. 13, 2012, now Pat. No. Des. 668,345.
- (51) **LOC (10) Cl.** ..... **24-04**
- (52) **U.S. Cl.**  
USPC ..... **D24/206**
- (58) **Field of Classification Search**  
USPC ..... D24/206-208, 189-192, 118; 602/1-7, 602/17-27, 61-66, 74, 30; 128/112.1, 128/117.1, 95.1, 96.1, 97.1, 100.1, 101.1, 128/876; 606/204, 27; 607/96, 108, 109, 607/111, 112; D29/121.2, 122, 101.2, D29/101.5, 120.1, 121.1, 108; D3/327; D9/707; 601/15, DIG. 1; 126/204; D28/9, 7, 99  
See application file for complete search history.

**References Cited**

**U.S. PATENT DOCUMENTS**

264,814 A	9/1882	Wood .....	441/127
D45,122 S	1/1914	Meinecke .....	D24/207
1,690,405 A	11/1928	Du Rocher .....	D29/121.1
1,924,315 A	8/1933	Hemphill et al.	
2,038,275 A	4/1936	Fogg	
D111,793 S	10/1938	Myers .....	D9/607
D164,087 S	7/1951	Atkin .....	D24/208
2,932,052 A	4/1960	Morse	

**OTHER PUBLICATIONS**

Kendall Obstetric & Neonatal Products Brochure. Jan. 2004 ed.  
 ITA-Med webpage printout, <http://www.itamed.com/maternity/post-surgical.html>. Printed Sep. 13, 2004.  
 Office Action for U.S. Appl. No. 29/431,399, dated Nov. 21, 2013.  
 Office Action for U.S. Appl. No. 29/433,806, dated Dec. 18, 2013.

*Primary Examiner* — David Muller

(74) *Attorney, Agent, or Firm* — Matthew A. Pequignot; Pequignot + Myers LLC

(57) **CLAIM**

The ornamental design for a thermal pack, as substantially shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a thermal pack showing the new design.

FIG. 2 is a front elevation view thereof;

FIG. 3 is a back elevation view thereof;

FIG. 4 is a right-side elevation view thereof;

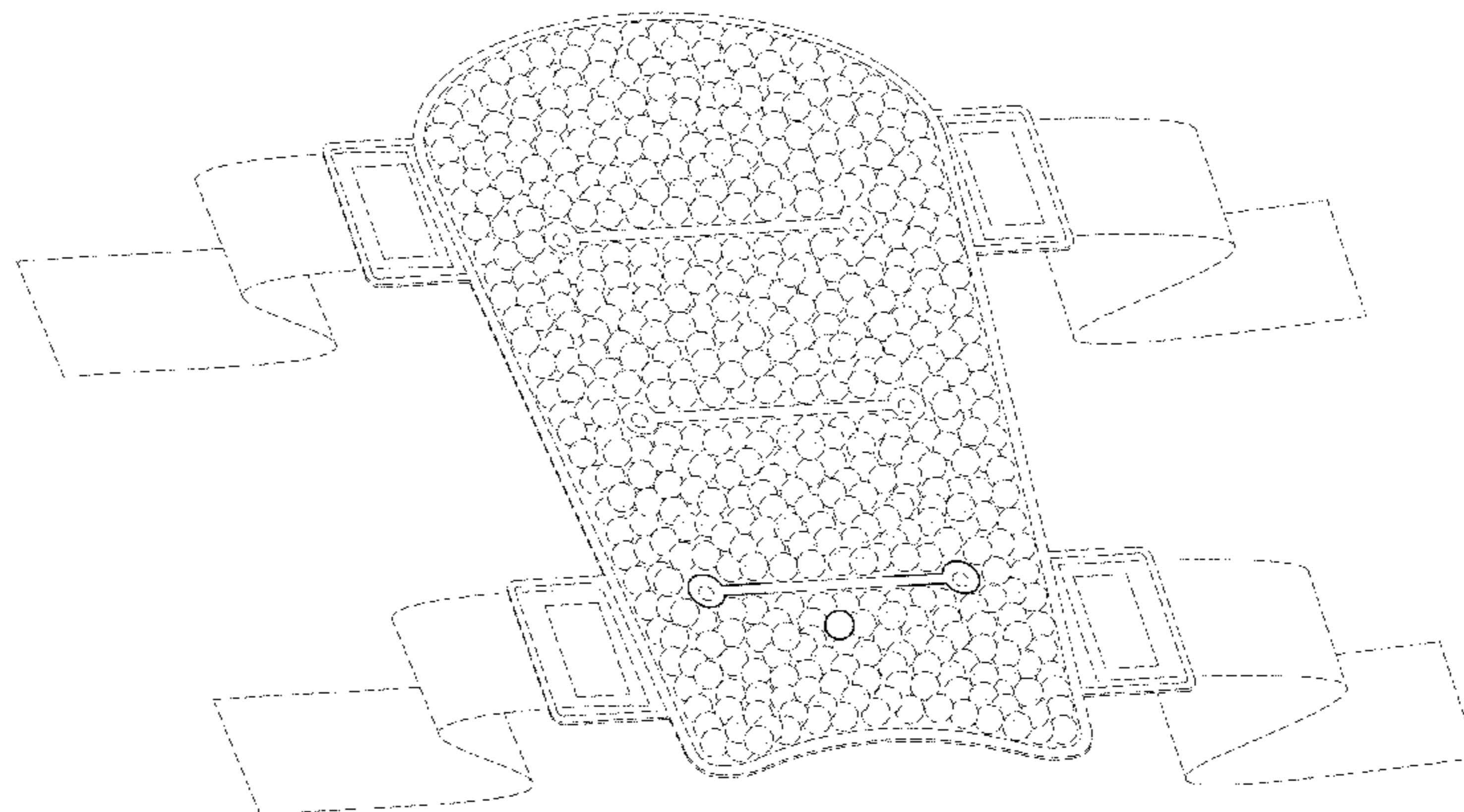
FIG. 5 is a left-side elevation view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

Structure illustrated in broken lines is provided to illustrate the environment of the invention but is not otherwise part of the claimed design.

**1 Claim, 4 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

4,585,797 A 4/1986 Cioca ..... D28/9  
 4,614,189 A 9/1986 MacKenzie  
 4,645,498 A 2/1987 Kosak  
 D293,004 S 12/1987 Emms ..... D21/600  
 D293,829 S 1/1988 Johnston ..... D28/9  
 4,727,869 A 3/1988 Leonardi  
 D296,838 S 7/1988 Diaz  
 D296,930 S 7/1988 Carabelli  
 D300,645 S 4/1989 Bowden ..... D21/604  
 D301,280 S 5/1989 Craig et al.  
 D302,213 S 7/1989 Motazedhi ..... D21/604  
 4,917,112 A 4/1990 Kalt  
 D312,558 S 12/1990 Ilsen et al. .... D21/576  
 D318,075 S 7/1991 Capper et al. .... D21/600  
 5,050,595 A 9/1991 Krafft ..... 128/379  
 D320,457 S 10/1991 Dickinson ..... D24/208  
 D327,330 S 6/1992 Noble ..... D24/208  
 D328,792 S 8/1992 Salmon et al.  
 D330,427 S 10/1992 Meijer  
 5,163,425 A 11/1992 Nambu et al. .... 607/110  
 D332,310 S 1/1993 Ahlen ..... D24/208  
 D341,022 S 11/1993 Zona  
 D341,284 S 11/1993 Martin ..... D6/598  
 5,274,865 A 1/1994 Takehashi  
 D343,903 S 2/1994 Perteet ..... D24/206  
 5,300,103 A 4/1994 Stempel et al. .... 607/108  
 5,304,215 A 4/1994 MacWhinnie ..... 607/106  
 5,314,005 A 5/1994 Dobry ..... 165/10  
 D348,174 S 6/1994 Genis ..... D24/191  
 D349,018 S 7/1994 Kaiser ..... D21/604  
 D351,472 S 10/1994 Mason et al.  
 D352,633 S 11/1994 Berggren ..... D6/598  
 D355,457 S 2/1995 Miller ..... D21/600  
 D356,329 S 3/1995 Frilot ..... D21/600  
 5,409,500 A 4/1995 Dyrek ..... 607/111  
 D360,920 S \* 8/1995 Lessard ..... D21/731  
 D363,670 S 10/1995 Sullivan ..... D9/707  
 D369,218 S 4/1996 Vandenbelt  
 5,628,772 A 5/1997 Russell  
 D383,213 S 9/1997 Ingram  
 D384,703 S 10/1997 Chuang ..... D21/600  
 D387,506 S \* 12/1997 Kosh ..... D29/122  
 5,707,645 A 1/1998 Wierson  
 D390,057 S 2/1998 Gower ..... D6/598  
 D392,742 S 3/1998 Clark, Sr.  
 D392,787 S 3/1998 Barratt  
 D401,317 S 11/1998 Gillies ..... D21/604  
 D402,147 S 12/1998 Scarborough ..... D21/604  
 5,842,475 A 12/1998 Duback et al.  
 D403,774 S 1/1999 Laughlin et al. .... D24/189  
 D406,350 S 3/1999 Cutler ..... D24/206  
 D407,939 S 4/1999 Bear ..... D6/598  
 5,897,580 A 4/1999 Silver ..... 607/108  
 D410,090 S 5/1999 Podd ..... D24/208  
 D410,165 S 5/1999 Bear ..... D6/598  
 D410,167 S 5/1999 Bear ..... D6/598  
 D410,749 S 6/1999 Podd ..... D24/208  
 D410,750 S 6/1999 Podd ..... D24/208  
 D411,624 S 6/1999 Podd ..... D24/208  
 5,978,962 A 11/1999 Hamowy ..... 602/62  
 D420,178 S 2/2000 Bionde et al. .... D30/160  
 D426,308 S 6/2000 Negron  
 6,080,121 A 6/2000 Madow et al.  
 6,083,254 A 7/2000 Evans ..... 607/96  
 D431,269 S 9/2000 Soderstrom ..... D21/576  
 D434,506 S 11/2000 Jordan  
 6,146,413 A \* 11/2000 Harman ..... 607/111  
 6,152,892 A 11/2000 Masini  
 D436,179 S 1/2001 Small ..... D24/206  
 D436,525 S 1/2001 Lin ..... D9/601  
 D442,078 S \* 5/2001 Fuquen ..... D9/707  
 D442,278 S 5/2001 Rury ..... D24/118  
 D442,285 S 5/2001 Perry  
 6,241,711 B1 6/2001 Weissberg et al. .... 607/109

D446,927 S 8/2001 Rotschild ..... D21/604  
 D448,850 S \* 10/2001 Fabricant ..... D24/189  
 6,320,094 B1 11/2001 Arnold et al.  
 6,336,220 B1 1/2002 Sacks et al.  
 D453,541 S 2/2002 Steele et al. .... D21/611  
 6,361,553 B1 \* 3/2002 Bowen ..... 607/112  
 D459,986 S 7/2002 Yourist ..... D9/607  
 D460,914 S 7/2002 Yourist ..... D9/607  
 6,420,623 B2 7/2002 Augustine et al.  
 D461,903 S 8/2002 Garcia  
 D466,610 S \* 12/2002 Ashton et al. .... D24/189  
 6,524,331 B1 2/2003 Kohout et al. .... 607/96  
 D473,947 S 4/2003 Jacobsen ..... D24/189  
 D476,080 S 6/2003 Hantke et al.  
 6,610,084 B1 8/2003 Torres ..... 607/114  
 6,648,909 B2 11/2003 Helming  
 D484,240 S \* 12/2003 Lyons et al. .... D24/118  
 D486,603 S 2/2004 Larkin et al.  
 D507,056 S 7/2005 Friedland ..... D24/206  
 6,916,334 B2 7/2005 Noonan ..... 607/108  
 6,972,029 B2 12/2005 Mayrhofer et al. .... 607/108  
 7,022,130 B2 4/2006 Gammons et al. .... 607/109  
 D525,533 S 7/2006 Edwards ..... D9/609  
 D531,790 S 11/2006 Wurzburg  
 D533,668 S 12/2006 Brown  
 7,182,777 B2 2/2007 Mills  
 D538,974 S 3/2007 Eknoian et al.  
 7,195,660 B2 3/2007 Little et al. .... 606/27  
 D548,405 S 8/2007 Purnell  
 D557,810 S 12/2007 Eknoian et al. .... D24/189  
 D564,705 S 3/2008 Ohnishi et al. .... D28/9  
 D565,740 S 4/2008 Sybrandts  
 D569,035 S 5/2008 Eknoian et al.  
 D570,488 S 6/2008 Kirksey et al.  
 D570,541 S 6/2008 Ohnishi et al. .... D28/9  
 7,393,336 B2 7/2008 Slood  
 D574,999 S 8/2008 Eknoian et al.  
 D576,282 S 9/2008 Yanaki ..... D24/189  
 D577,606 S 9/2008 Friedland et al.  
 D588,703 S 3/2009 Boleratz  
 D596,305 S 7/2009 Usui et al.  
 D597,678 S 8/2009 Wagner ..... D24/206  
 D605,299 S 12/2009 Iwahashi et al.  
 D608,500 S 1/2010 Lu et al. .... D28/9  
 7,652,228 B2 1/2010 Igaki et al.  
 D613,181 S 4/2010 Friedland et al.  
 D615,278 S 5/2010 Reed ..... D24/190  
 7,707,655 B2 5/2010 Braunecker et al.  
 D616,760 S 6/2010 Deuerer ..... D9/707  
 D618,357 S 6/2010 Navies ..... D24/189  
 D618,811 S 6/2010 Navies ..... D24/189  
 D620,123 S \* 7/2010 Igwebuikie ..... D24/189  
 D622,449 S 8/2010 Culley et al.  
 D624,346 S 9/2010 Salzman ..... D6/604  
 D626,243 S 10/2010 Sagnip et al. .... D24/190  
 D627,527 S 11/2010 Ferguson et al.  
 D627,586 S 11/2010 Holdridge ..... D6/598  
 D629,589 S 12/2010 Mayo  
 7,854,712 B2 12/2010 Evans et al.  
 D630,376 S 1/2011 Yamamoto ..... D28/7  
 D634,473 S 3/2011 Koike ..... D28/9  
 D635,272 S 3/2011 Gruber et al. .... D24/206  
 7,937,909 B2 5/2011 Carvallo ..... 53/433  
 D646,842 S 10/2011 Roman ..... D28/7  
 D647,146 S 10/2011 Islava ..... D21/576  
 D648,439 S 11/2011 Greener et al.  
 D649,647 S \* 11/2011 Williams ..... D24/190  
 D651,719 S 1/2012 Kusmierz ..... D24/206  
 D656,235 S 3/2012 Howell  
 8,226,699 B2 7/2012 Evans  
 8,281,450 B2 10/2012 Spain  
 D670,816 S 11/2012 Suzuki et al.  
 D671,225 S 11/2012 Higley  
 D674,903 S 1/2013 Harder  
 2003/0064042 A1 4/2003 Bergquist et al.  
 2004/0010302 A1 1/2004 von Hoffmann et al. .... 607/114

\* cited by examiner

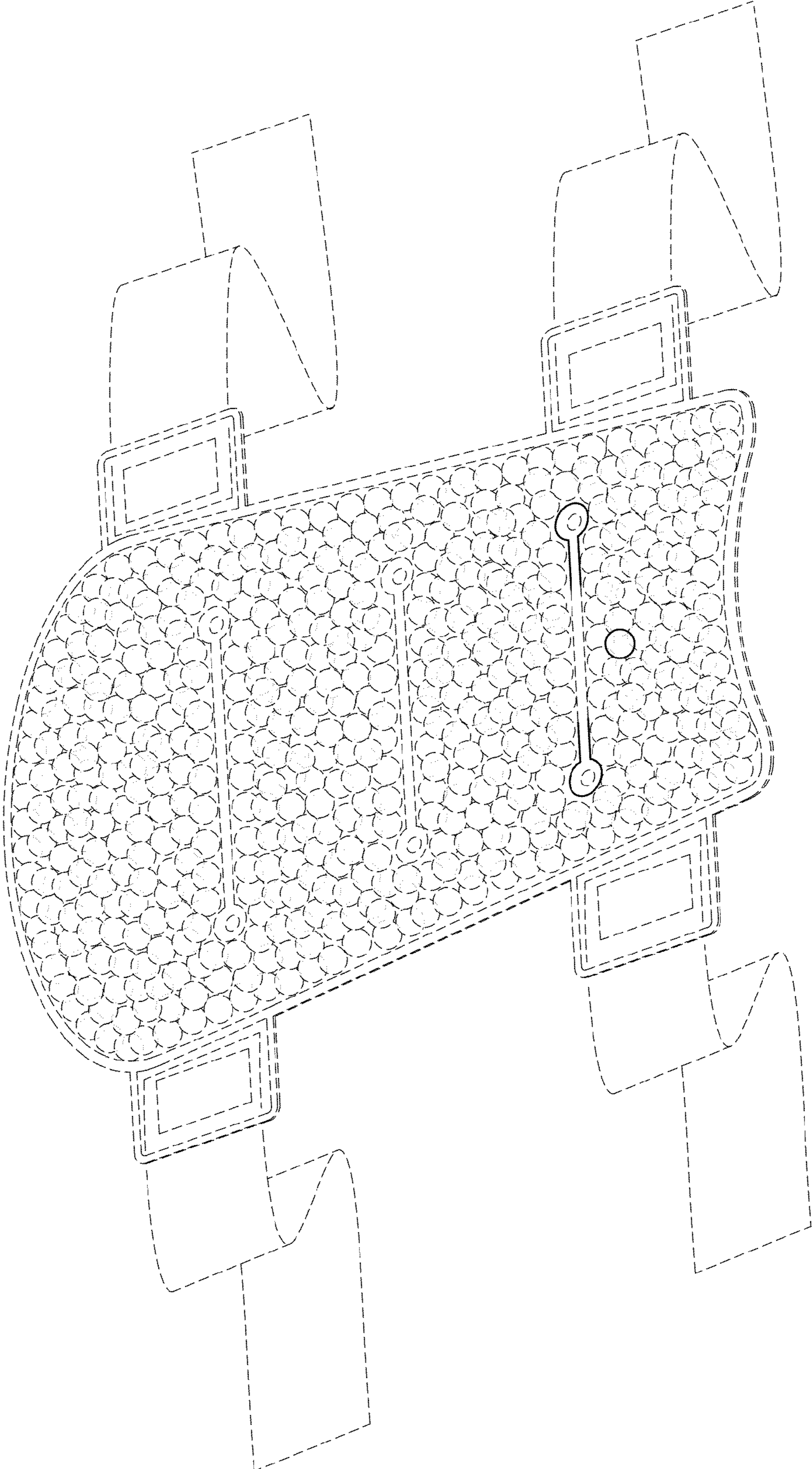


FIG. 1

FIG. 2

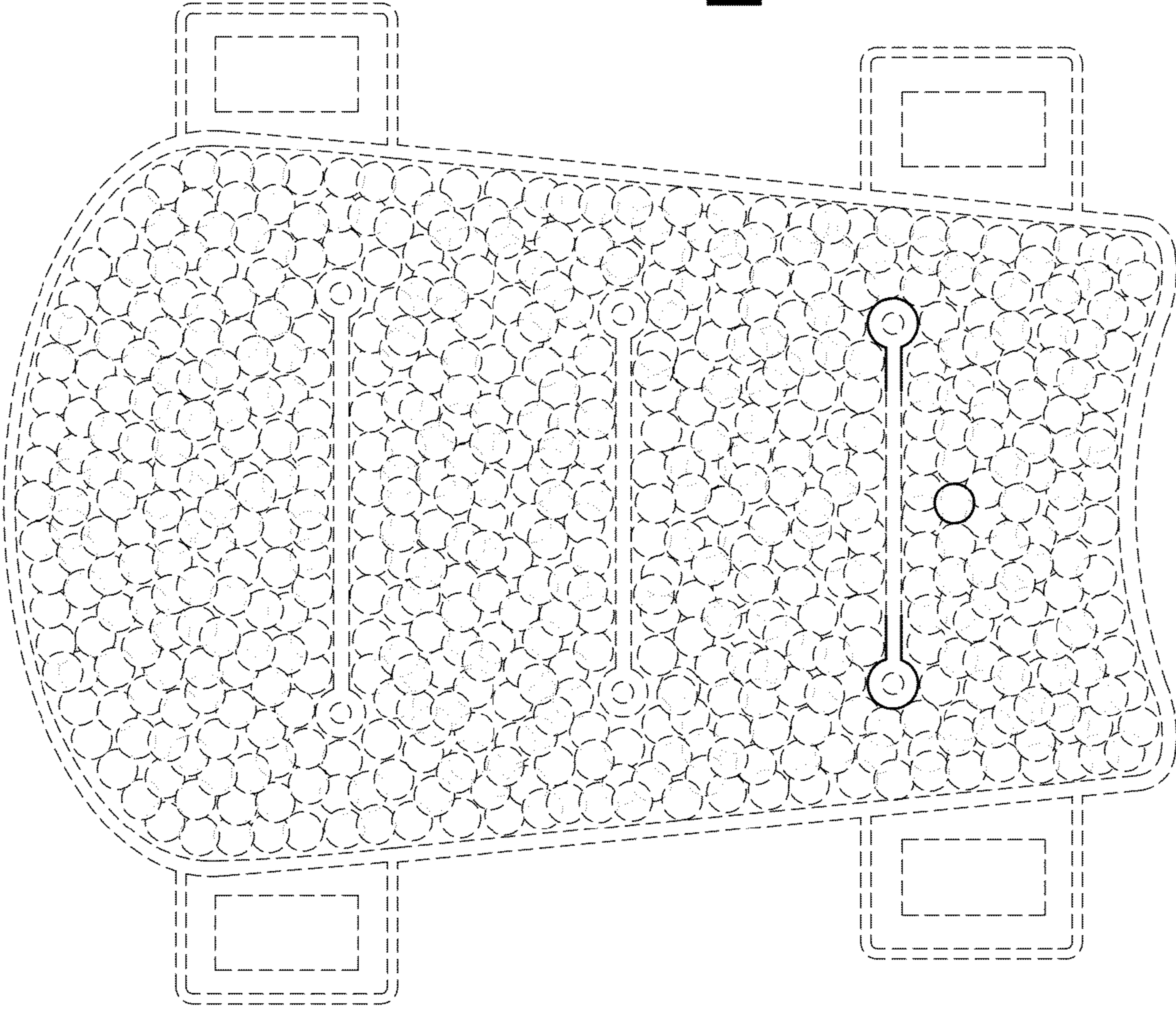
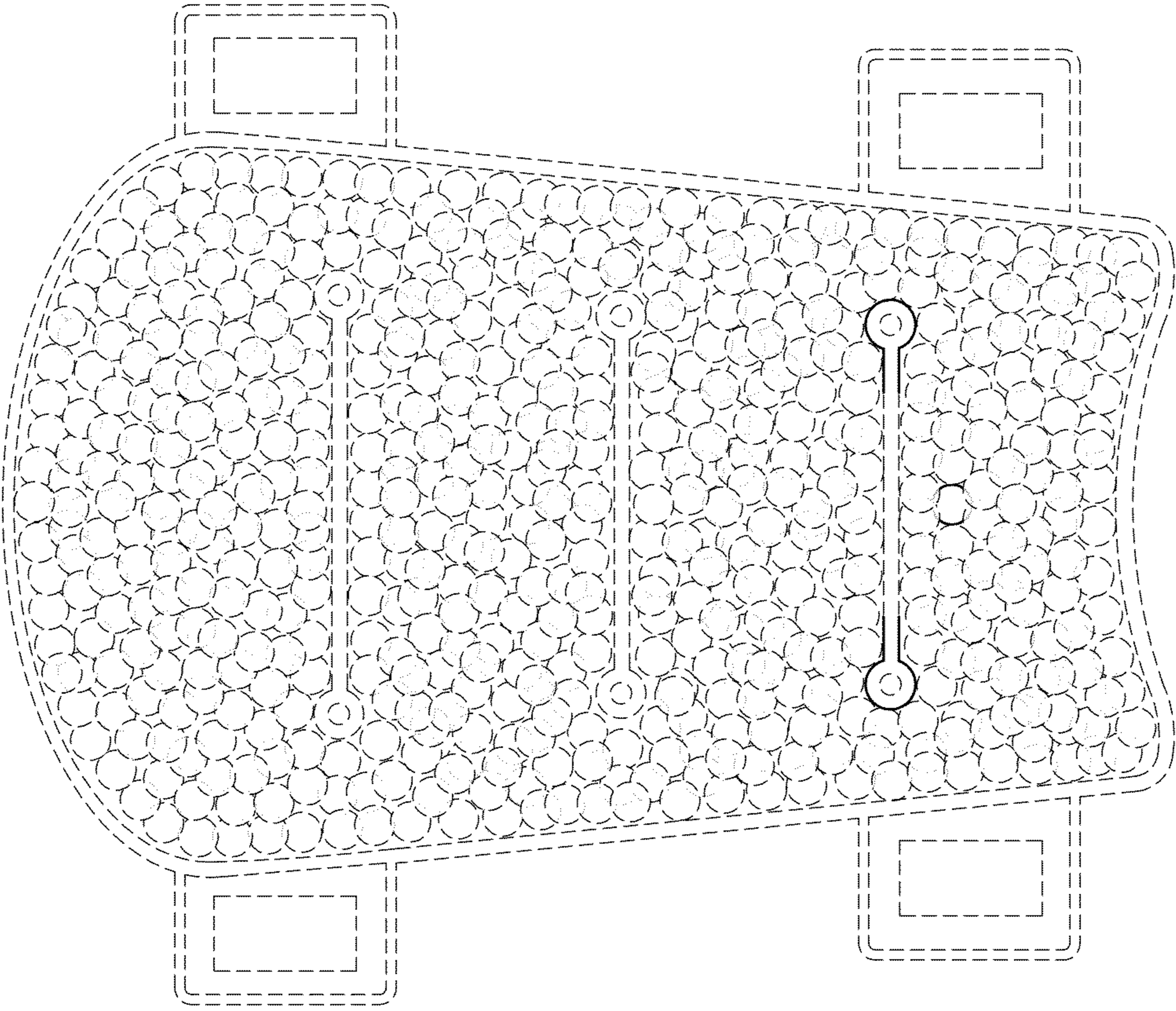


FIG. 3



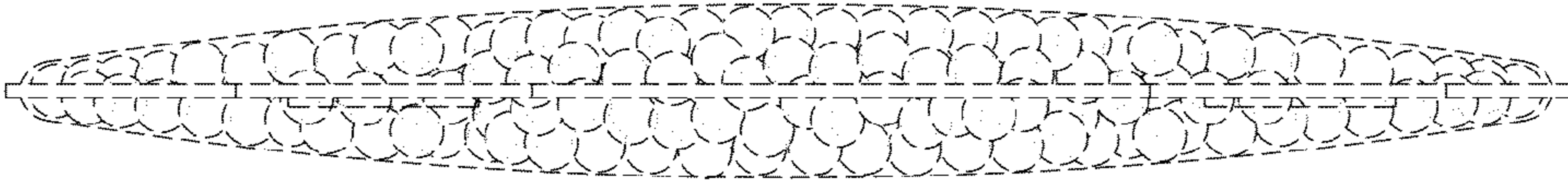


FIG. 5

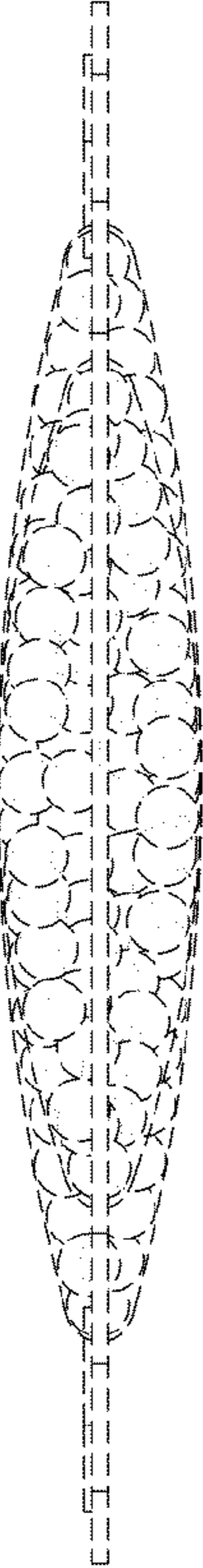


FIG. 6

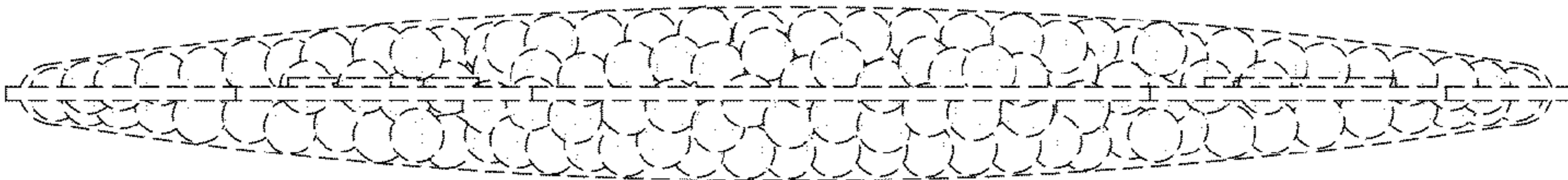


FIG. 4

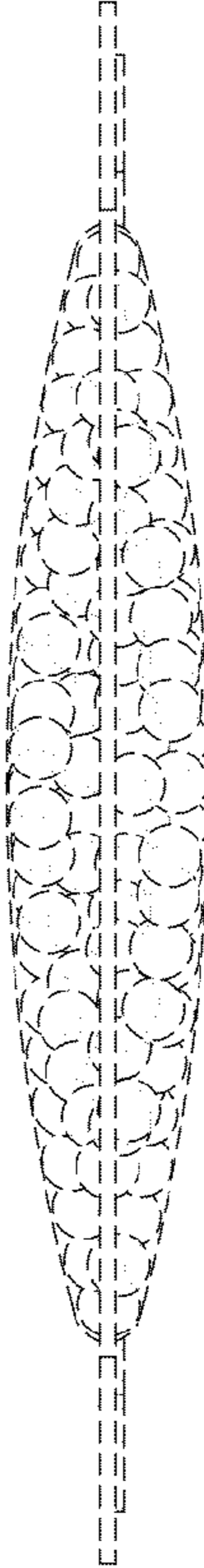


FIG. 7