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Fan et al.

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- (54) **THERAPY PACK**
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CPC A61F 7/00; A61F 7/02; A61F 7/03; A61F 7/007; A61F 7/08; A61F 7/10; A61F 7/106; A61F 2007/0001; A61F 2007/0003; A61F 2007/0004; A61F 2007/0029; A61F 2007/003; A61F 2007/0031; A61F 2007/0034; A61F 2007/0039; A61F 2007/0041; A61F 2007/0043; A61F 2007/0215; A61F 2007/0228; A61F 2007/0219; A61F 2007/0231; A61F 2007/0242; A61F 2007/0258; A61F 2007/0292; A61F 2007/108

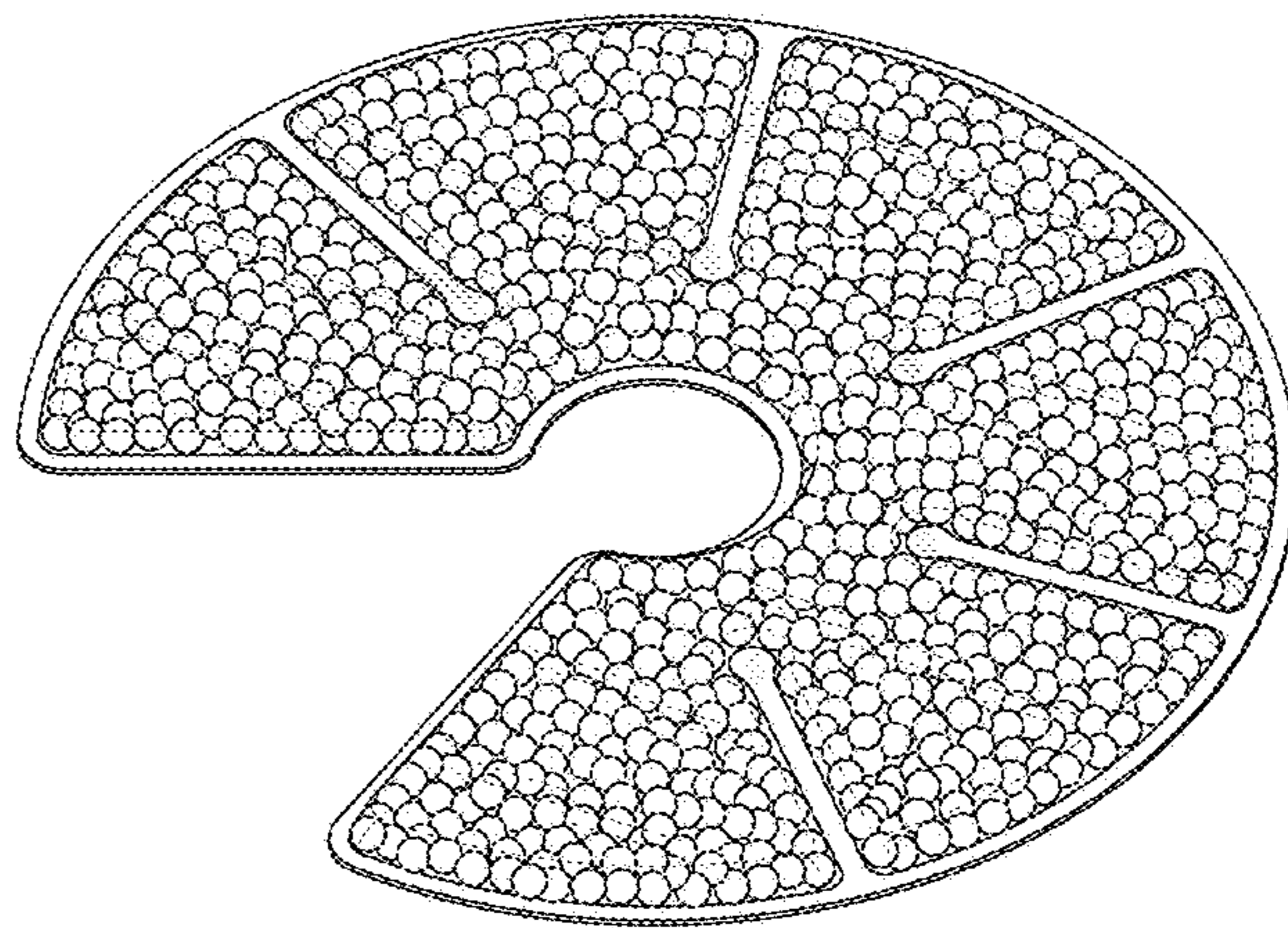
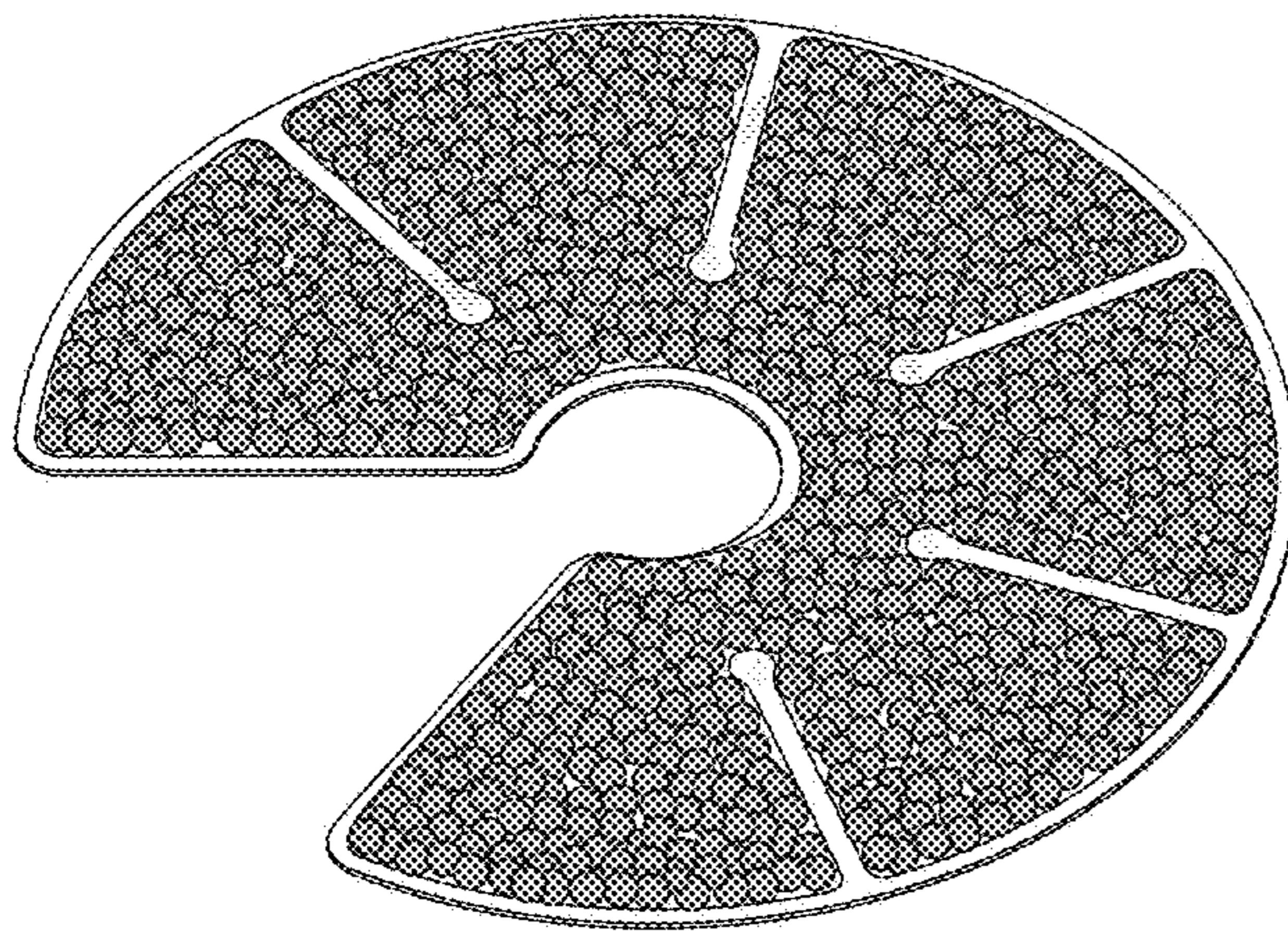
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

264,814 A 9/1882 Wood
 D45,122 S 1/1914 Meincke
 1,690,405 A 11/1928 Du Rocher

1,924,315 A 8/1933 Hemphill et al.
 2,038,275 A 4/1936 Fogg
 D111,793 S 10/1938 Myers
 D164,087 S 7/1951 Atkin
 2,932,052 A 4/1960 Morse
 2,955,331 A 10/1960 Nelson
 3,164,151 A 1/1965 Vere
 D204,884 S 5/1966 Waddington
 3,301,254 A 1/1967 Schickendanz
 3,382,511 A 5/1968 Brooks
 3,545,230 A 12/1970 Morse
 3,561,435 A 2/1971 Nicholson
 D223,701 S 5/1972 Lausch
 3,736,769 A 6/1973 Petersen
 3,768,485 A 10/1973 Linick
 3,804,077 A 4/1974 Williams
 D232,995 S 10/1974 Molzen
 3,885,403 A 5/1975 Spencer
 D242,958 S 1/1977 Manschot et al.
 D243,121 S 1/1977 Ralston et al.
 D243,715 S 3/1977 Trimmell
 D245,119 S 7/1977 Harris
 4,122,847 A 10/1978 Craig
 D251,258 S 3/1979 Power
 D251,576 S 4/1979 Geenen-Meegens
 D258,532 S 3/1981 Wagner
 4,316,287 A 2/1982 Rule
 D265,704 S 8/1982 Yamamoto et al.
 4,462,224 A 7/1984 Dunshee et al.
 4,470,417 A 9/1984 Gruber
 D278,363 S 4/1985 Schenkel et al.
 4,530,220 A 7/1985 Nambu et al.
 4,559,047 A 12/1985 Kapralis et al.
 4,580,547 A 4/1986 Kapralis et al.
 4,585,797 A 4/1986 Cioca
 4,614,189 A 9/1986 MacKenzie
 4,645,498 A 2/1987 Kosak
 4,668,564 A 5/1987 Orchard
 D293,004 S 12/1987 Emms
 D293,829 S 1/1988 Johnston
 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
 D301,280 S 5/1989 Craig et al.
 D302,213 S 7/1989 Motazed
 4,917,112 A 4/1990 Kalt
 D308,787 S 6/1990 Youngblood
 D312,558 S 12/1990 Ilse et al.
 D318,075 S 7/1991 Capper et al.
 5,050,595 A 9/1991 Krafft
 D320,457 S 10/1991 Dickinson
 D324,915 S 3/1992 Wastchak



US D888,974 S

Page 2

D325,089 S	3/1992	Shaw	D436,179 S	1/2001	Small
D326,222 S	5/1992	McAtarian	D436,525 S	1/2001	Lin
D327,329 S	6/1992	Hubbard et al.	D438,307 S	2/2001	Scheppke
D327,330 S	6/1992	Noble	D442,078 S	5/2001	Fuquen
5,129,391 A	7/1992	Brodsky et al.	D442,278 S	5/2001	Rury
D328,792 S	8/1992	Salmon et al.	D442,285 S	5/2001	Perry
D329,497 S	9/1992	Pryor	6,226,820 B1	5/2001	Navarro
D330,427 S	10/1992	Meijer	6,241,711 B1	6/2001	Weissberg et al.
5,163,425 A	11/1992	Nambu et al.	D446,927 S	8/2001	Rotschild
D332,310 S	1/1993	Ahlen	D448,850 S	10/2001	Fabricant
5,179,944 A	1/1993	Mcsymytz	6,320,094 B1	11/2001	Arnold et al.
5,190,033 A	3/1993	Johnson	D453,223 S	1/2002	Sherman
D336,339 S	6/1993	Pryor	6,336,220 B1	1/2002	Sacks et al.
5,219,625 A	6/1993	Matsunami et al.	D453,541 S	2/2002	Steele et al.
D341,022 S	11/1993	Zona	6,361,553 B1	3/2002	Bowen
D341,284 S	11/1993	Martin	D459,986 S	7/2002	Yourist
5,274,865 A	1/1994	Takehashi	D460,914 S	7/2002	Yourist
D343,903 S	2/1994	Perteet	6,420,623 B2	7/2002	Augustine et al.
5,300,103 A	4/1994	Stempel et al.	D461,903 S	8/2002	Garcia
5,300,105 A	4/1994	Owens	D466,610 S	12/2002	Ashton et al.
5,304,215 A	4/1994	MacWhinnie	6,524,331 B1	2/2003	Kohout et al.
5,314,005 A	5/1994	Dobry	D473,940 S	4/2003	Hantke et al.
D348,174 S	6/1994	Genis	D473,947 S	4/2003	Jacobson
D349,018 S	7/1994	Kaiser	D476,080 S	6/2003	Hantke et al.
D351,472 S	10/1994	Mason et al.	D477,086 S	7/2003	Tsuruda et al.
D352,633 S	11/1994	Berggren	6,610,084 B1	8/2003	Torres
D353,892 S	12/1994	Shaw et al.	6,648,909 B2	11/2003	Helming
5,375,278 A	12/1994	Vanwinkle et al.	D484,240 S	12/2003	Lyons et al.
D354,138 S	1/1995	Kelly	D484,985 S	1/2004	Takizawa et al.
D355,457 S	2/1995	Miller	D486,603 S	2/2004	Larkin et al.
D356,329 S	3/1995	Frillot	6,755,852 B2	6/2004	Lachenbruch et al.
D357,747 S	4/1995	Kelly	D505,041 S	5/2005	Lesosky
5,409,500 A	4/1995	Dyrek	D507,056 S	7/2005	Friedland
D360,920 S	8/1995	Lessard	6,916,334 B2	7/2005	Noonan
D363,670 S	10/1995	Sullivan	D512,511 S	12/2005	Friedland
D369,218 S	4/1996	Vandenbelt	6,972,029 B2	12/2005	Mayrhofer et al.
5,545,197 A	8/1996	Bowen	7,022,130 B2	4/2006	Gammons et al.
5,628,772 A	5/1997	Russell	D525,533 S	7/2006	Edwards
D383,213 S	9/1997	Ingram	D527,108 S	8/2006	Krahner
D383,546 S	9/1997	Amis et al.	D531,790 S	11/2006	Wurzberg
D383,547 S	9/1997	Mason et al.	D532,523 S	11/2006	Krahner et al.
D383,848 S	9/1997	Mason et al.	D533,668 S	12/2006	Brown
D384,703 S	10/1997	Chuang	D537,161 S	2/2007	Sinkiewicz
D387,506 S	12/1997	Kosh	7,182,777 B2	2/2007	Mills
5,707,645 A	1/1998	Wierson	D538,974 S	3/2007	Eknoian et al.
D390,057 S	2/1998	Gower	7,195,660 B2	3/2007	Little et al.
D392,742 S	3/1998	Clark, Sr.	7,220,889 B2	5/2007	Sigurjonsson et al.
D392,787 S	3/1998	Barratt	D545,441 S	6/2007	Miyachika et al.
5,800,491 A	9/1998	Kolen et al.	D548,405 S	8/2007	Purnell
D401,317 S	11/1998	Gillies	D550,852 S	9/2007	Hoffman et al.
D402,147 S	12/1998	Scarborough	7,291,164 B2	11/2007	Peterman et al.
5,842,475 A	12/1998	Duback et al.	D557,810 S	12/2007	Eknoian et al.
D403,774 S	1/1999	Laughlin et al.	D564,705 S	3/2008	Ohnishi et al.
D406,350 S	3/1999	Cutler	D565,740 S	4/2008	Sybrandts
D407,823 S	4/1999	Davis et al.	D569,035 S	5/2008	Eknoian et al.
D407,939 S	4/1999	Bear	D570,488 S	6/2008	Kirksey et al.
5,895,656 A	4/1999	Hirschowitz et al.	D570,541 S	6/2008	Ohnishi et al.
5,897,580 A	4/1999	Silver	7,393,336 B2	7/2008	Sloot
D410,090 S	5/1999	Podd	D574,962 S	8/2008	Atkins et al.
D410,165 S	5/1999	Bear	D574,999 S	8/2008	Eknoian et al.
D410,167 S	5/1999	Bear	D575,875 S	8/2008	Robinson et al.
D410,749 S	6/1999	Podd	D576,282 S	9/2008	Yanaki
D410,750 S	6/1999	Podd	D577,606 S	9/2008	Friedland et al.
D411,624 S	6/1999	Podd	D588,703 S	3/2009	Boleratz
5,925,072 A	7/1999	Cramer et al.	D592,001 S	5/2009	Smith
5,978,962 A	11/1999	Hamowy	D596,305 S	7/2009	Usui et al.
5,984,953 A	11/1999	Sabin et al.	D597,678 S	8/2009	Wagner
D420,178 S	2/2000	Blonde et al.	D605,299 S	12/2009	Iwahashi et al.
D426,308 S	6/2000	Negron	D608,500 S	1/2010	Lu et al.
6,080,121 A	6/2000	Madow et al.	7,652,228 B2	1/2010	Igaki et al.
6,083,254 A	7/2000	Evans	D613,181 S	4/2010	Friedland et al.
D429,818 S	8/2000	Lamping et al.	D615,278 S	5/2010	Reed
6,099,555 A	8/2000	Sabin	7,707,655 B2	5/2010	Braunecker et al.
D431,269 S	9/2000	Soderstrom	D616,760 S	6/2010	Deuerer
D433,757 S	11/2000	Jordan	D618,357 S	6/2010	Navies
D434,506 S	11/2000	Jordan	D618,811 S	6/2010	Navies
6,146,413 A	11/2000	Harman	D620,123 S	7/2010	Igwebuike
6,152,892 A	11/2000	Masini	D622,449 S	8/2010	Culley et al.
D436,019 S	1/2001	Thomas	D624,346 S	9/2010	Salzman

D626,243	S	10/2010	Sagnip et al.	
D627,527	S	11/2010	Ferguson et al.	
D627,586	S	11/2010	Holdrige	
D629,589	S	12/2010	Mayo	
7,854,712	B2	12/2010	Evans et al.	
D630,376	S	1/2011	Yamamoto	
D634,473	S	3/2011	Koike	
D635,272	S	3/2011	Gruber et al.	
7,937,909	B2	5/2011	Carvallo	
D646,842	S	10/2011	Roman	
D647,146	S	10/2011	Islava	
D648,439	S	11/2011	Greener et al.	
D649,647	S	11/2011	Williams	
D651,719	S	1/2012	Kusmierz	
D656,235	S	3/2012	Howell	
D660,447	S	5/2012	Baltazar	
8,226,699	B2	7/2012	Evans	
D667,957	S	9/2012	Baumwald	
D668,343	S	10/2012	Baumwald et al.	
D668,344	S	10/2012	Baumwald et al.	
D668,345	S	10/2012	Baumwald et al.	
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	
D676,469	S	2/2013	Vanettes et al.	
D677,394	S	3/2013	Grust et al.	
D683,018	S	5/2013	Herivel et al.	
D693,015	S *	11/2013	Dubbe	D24/206
8,581,017	B2	11/2013	Holm et al.	
D701,611	S *	3/2014	Baumwald	D24/206
8,887,962	B2	11/2014	Herivel et al.	
D728,810	S	5/2015	Baumwald	
D738,576	S	9/2015	Harrell et al.	
D749,232	S *	2/2016	Baumwald	D24/208
D771,014	S *	11/2016	Dubbe	D14/206
D787,080	S *	5/2017	Baltazar	D24/206
D787,694	S *	5/2017	Baltazar	D24/206
D793,569	S *	8/2017	Baumwald	D24/206
D805,648	S *	12/2017	Baumwald	D24/206
D818,596	S	5/2018	Zheng	
D821,597	S	6/2018	Martinez	
D822,219	S	7/2018	Coates	
D836,208	S *	12/2018	Dubbe	D24/206
2003/0064042	A1	4/2003	Bergquist et al.	
2004/0010302	A1	1/2004	Van Hoffman et al.	
2004/0138601	A1	7/2004	Chalmers	
2004/0147991	A1	7/2004	Lu	
2005/0187598	A1	8/2005	Shimizu et al.	
2006/0015052	A1	1/2006	Crisp	
2007/0021810	A1	1/2007	Paulin	
2007/0068508	A1	3/2007	Wong	
2007/0252115	A1	11/2007	Arehart et al.	
2007/0262290	A1	11/2007	Beck et al.	
2008/0039763	A1	2/2008	Sigurjonsson et al.	
2008/0119916	A1	5/2008	Choucair et al.	
2008/0208299	A1	8/2008	Martineau	
2009/0048650	A1	2/2009	Junkins	
2009/0143516	A1	6/2009	MacDonald	
2009/0163984	A1	6/2009	Robinson et al.	
2010/0010597	A1	1/2010	Evans	
2010/0010598	A1	1/2010	Igaki et al.	
2010/0217363	A1	8/2010	Whitely	
2012/0165910	A1	6/2012	Choucair et al.	
2013/0073018	A1	3/2013	Harwood	
2014/0291585	A1	10/2014	Tozuka	
2014/0316314	A1	10/2014	Schubert	
2015/0173942	A1	6/2015	Whitely	

FOREIGN PATENT DOCUMENTS

CA	146980	*	8/2012
CA	146063	S	1/2013
CA	144326	S	3/2013
CA	146073	S	4/2013
CA	156435	S	2/2015
CA	160958	S	12/2015
EP	0162583		11/1985

WO	2001/078797	10/2001
WO	2016/093788	6/2016
WO	PCT/US17/38880	6/2017

OTHER PUBLICATIONS

Pakcare Catalog: 2008 Presentations (attached).
 Kendall Obstetric & Neonatal Products Brochure, Jan. 2004 ed. (attached).
<http://www.itamed.com/our-products/maternity-womens-s-health-collection/post-surgical.html?>, printed Mar. 18, 2016 (attached).
 Entire prosecution history of U.S. Appl. No. 29/433,566.
 Entire prosecution history of U.S. Appl. No. 29/406,624.
 Entire prosecution history of U.S. Appl. No. 29/406,623.
 Entire prosecution history of U.S. Appl. No. 29/406,622.
 Entire prosecution history of U.S. Appl. No. 29/403,478.
 Entire prosecution history of U.S. Appl. No. 29/402,971.
 Entire prosecution history of U.S. Appl. No. 29/402,951.
 Entire prosecution history of U.S. Appl. No. 29/402,974.
 Entire prosecution history of U.S. Appl. No. 29/403,056.
 Entire prosecution history of U.S. Appl. No. 10/672,132.
 Entire prosecution history of U.S. Appl. No. 29/435,901.
 Entire prosecution history of U.S. Appl. No. 29/435,900.
 Entire prosecution history of U.S. Appl. No. 29/435,896.
 Entire prosecution history of U.S. Appl. No. 29/644,303.
 Entire prosecution history of U.S. Appl. No. 29/558,760.
 Entire prosecution history of U.S. Appl. No. 29/498,786.
 Entire prosecution history of U.S. Appl. No. 29/429,157.
 Entire prosecution history of U.S. Appl. No. 29/644,302.
 Entire prosecution history of U.S. Appl. No. 29/558,755.
 Entire prosecution history of U.S. Appl. No. 29/498,785.
 Entire prosecution history of U.S. Appl. No. 29/429,154.
 Entire prosecution history of U.S. Appl. No. 29/644,299.
 Entire prosecution history of U.S. Appl. No. 29/498,781.
 Entire prosecution history of U.S. Appl. No. 29/429,147.
 Entire prosecution history of U.S. Appl. No. 29/647,787.
 Entire prosecution history of U.S. Appl. No. 29/558,747.
 Entire prosecution history of U.S. Appl. No. 29/498,780.
 Entire prosecution history of U.S. Appl. No. 29/429,143.
 Entire prosecution history of U.S. Appl. No. 12/794,576.
 Entire prosecution history of U.S. Appl. No. 29/499,977.
 Entire prosecution history of U.S. Appl. No. 29/434,763.
 Entire prosecution history of U.S. Appl. No. 29/431,399.
 Entire prosecution history of U.S. Appl. No. 29/433,806.
 Entire prosecution history of U.S. Appl. No. 29/433,805.
 Entire prosecution history of U.S. Appl. No. 29/433,907.
 Entire prosecution history of U.S. Appl. No. 29/435,893.
 Entire prosecution history of U.S. Appl. No. 29/434,760.
 Entire prosecution history of U.S. Appl. No. 29/434,757.
 Entire prosecution history of U.S. Appl. No. 29/413,705.
 Entire prosecution history of U.S. Appl. No. 29/433,570.
 Entire prosecution history of U.S. Appl. No. 29/433,568.
 Entire prosecution history of U.S. Appl. No. 29/433,567.
 Entire prosecution history of U.S. Appl. No. 29/410,930.
 Entire prosecution history of U.S. Appl. No. 29/480,356.
 Entire prosecution history of U.S. Appl. No. 29/431,148.
 Entire prosecution history of U.S. Appl. No. 29/410,928.
 Entire prosecution history of U.S. Appl. No. 29/558,750.
 Document entitled: "Theramal Gel Beads Innovations: the easier way to enjoy a cozy & effective relief"; author unknown; authenticity unknown and in question; unknown if ever published; date of creation unknown and in question. Disclosed by Applicant in abundance of caution.

* cited by examiner

Primary Examiner — Wan Laymon

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

(57) **CLAIM**

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

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1A is a perspective view of a therapy pack according to the invention, showing the new design in which the spheres or beads are purple at a first transient temporal moment;

FIG. 1B is a perspective view thereof in which the spheres or beads are blue at a second transient temporal moment;

FIG. 1C is a perspective view thereof in which the spheres or beads are white at a third transient temporal moment;

FIG. 2A is a front plan view thereof in which the spheres or beads are purple at a first transient temporal moment;

FIG. 2B is a front plan view thereof in which the spheres or beads are blue at a second transient temporal moment;

FIG. 2C is a front plan view thereof in which the spheres or beads are white at a third transient temporal moment;

FIG. 3A is a rear plan view thereof in which the spheres or beads are purple at a first transient temporal moment;

FIG. 3B is a rear plan view thereof in which the spheres or beads are blue at a second transient temporal moment;

FIG. 3C is a rear plan view thereof in which the spheres or beads are white at a third transient temporal moment;

FIG. 4A is a left-side elevation view thereof in which the spheres or beads are purple at a first transient temporal moment;

FIG. 4B is a left-side elevation view thereof in which the spheres or beads are blue at a second transient temporal moment;

FIG. 4C is a left-side elevation view thereof in which the spheres or beads are white at a third transient temporal moment;

FIG. 5A is a right elevation view thereof in which the spheres or beads are purple at a first transient temporal moment;

FIG. 5B is a right-side elevation view thereof in which the spheres or beads are blue at a second transient temporal moment;

FIG. 5C is a right-side elevation view thereof in which the spheres or beads are white at a third transient temporal moment;

FIG. 6A is a top elevation view thereof in which the spheres or beads are purple at a first transient temporal moment;

FIG. 6B is a top elevation view thereof in which the spheres or beads are blue at a second transient temporal moment;

FIG. 6C is a top elevation view thereof in which the spheres or beads are white at a third transient temporal moment;

FIG. 7A is a bottom elevation view thereof in which the spheres or beads are purple at a first transient temporal moment;

FIG. 7B is a bottom elevation view thereof in which the spheres or beads are blue at a second transient temporal moment; and,

FIG. 7C is a bottom elevation view thereof in which the spheres or beads are white at a third transient temporal moment.

The appearance of the therapy pack transitions back and forth sequentially between the appearances depicted in the A, B, and C views of each numbered figure set described above and shown. The process or period in which one appearance transitions to another forms no part of the claimed design. Purple is a claimed color in all “A” views described above and shown. Blue is a claimed color in all “B” views described above and shown. White is a claimed color in all “C” views described above and shown. The spheres or beads illustrated in the drawings are drawn so as to appear as transparent or semi-transparent. The spheres or beads are non-fixed in position relative to one another. The baffle(s) illustrated is/are formed of two transparent pack walls, sealed together to form a thin, flat, planar surface illustrated in the drawings. The shading lines indicate the clear or transparent nature of the therapy pack shell, and also of the baffle(s).

**1 Claim, 21 Drawing Sheets
(21 of 21 Drawing Sheet(s) Filed in Color)**

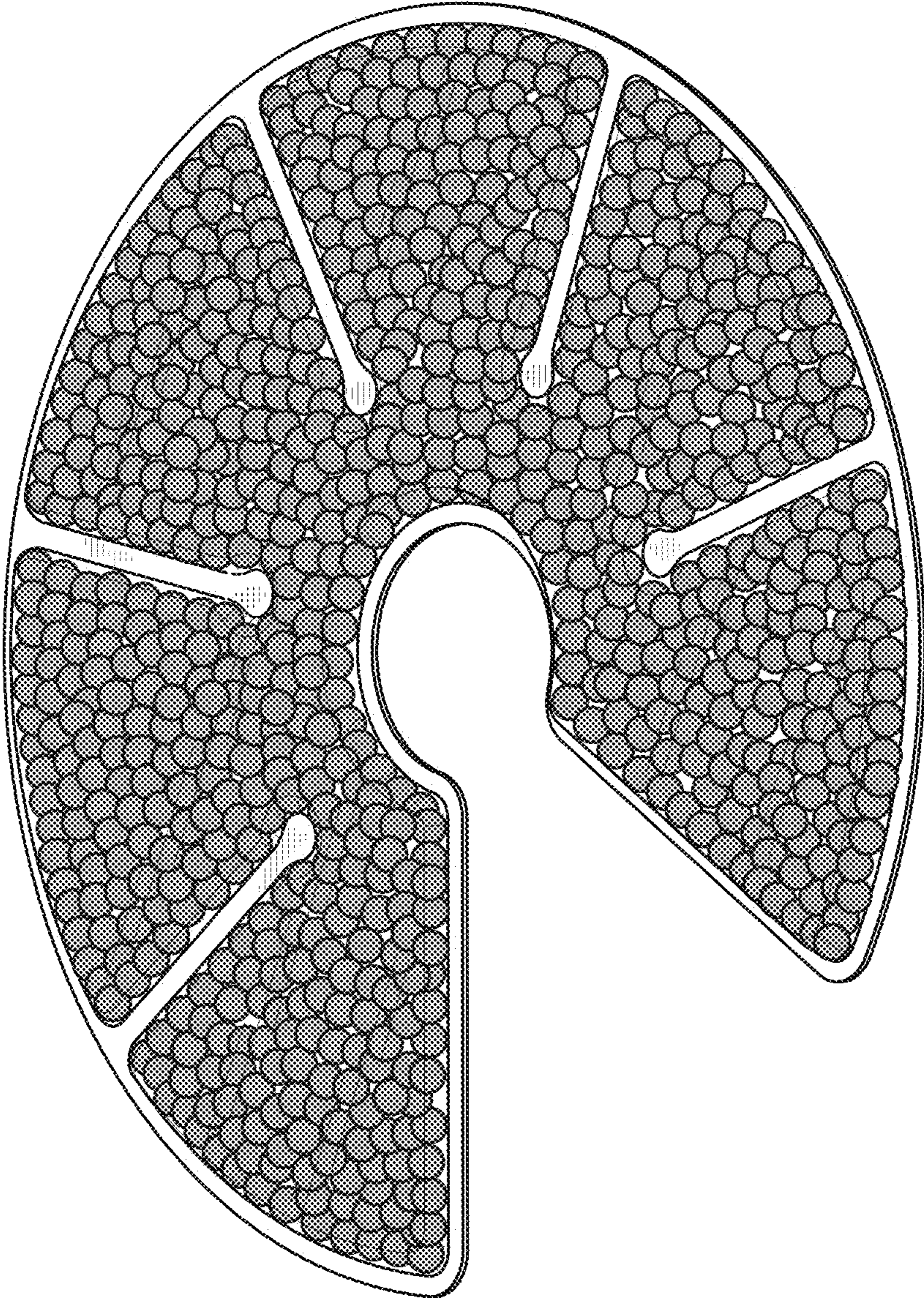


FIG. 1A

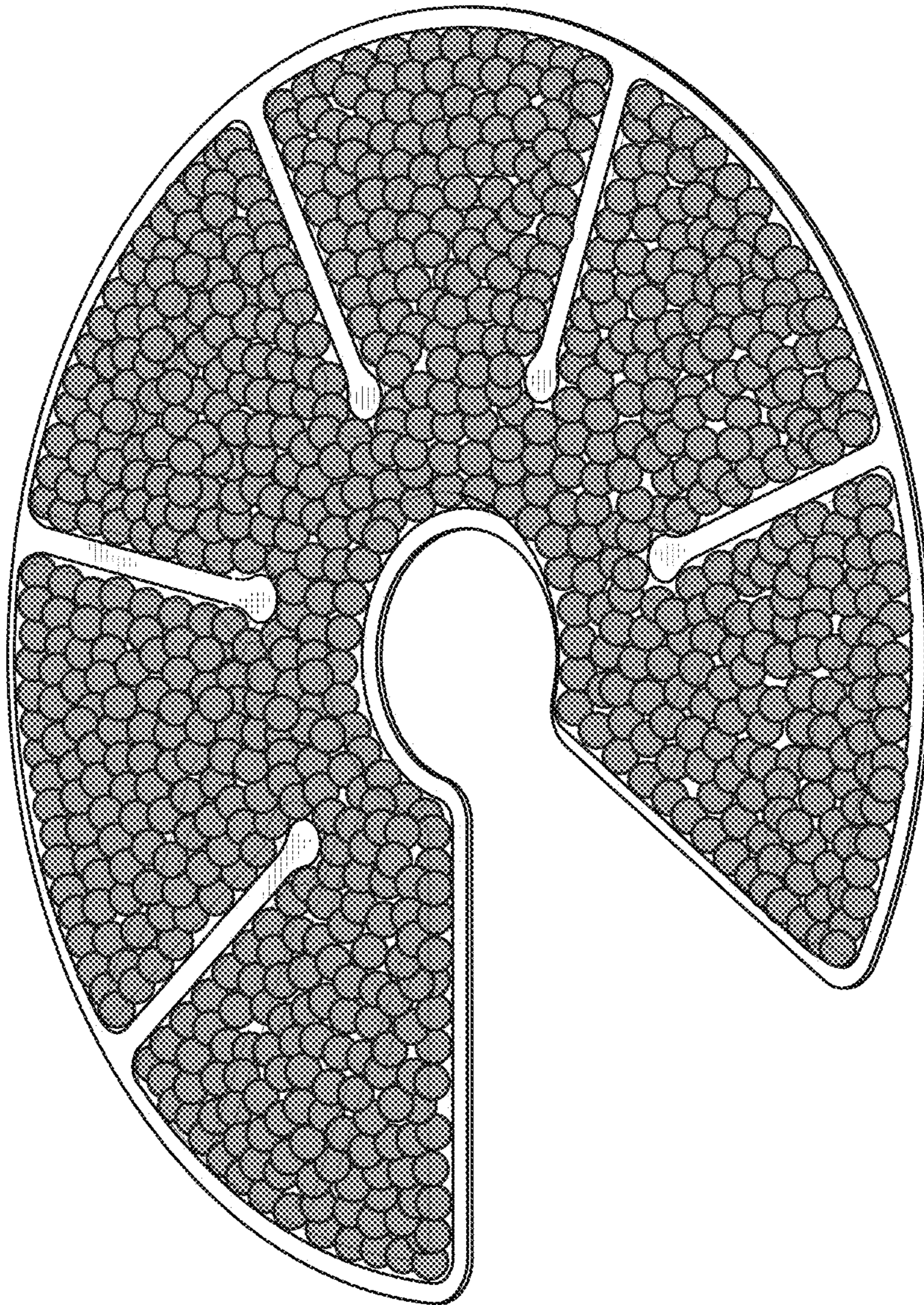


FIG. 1B

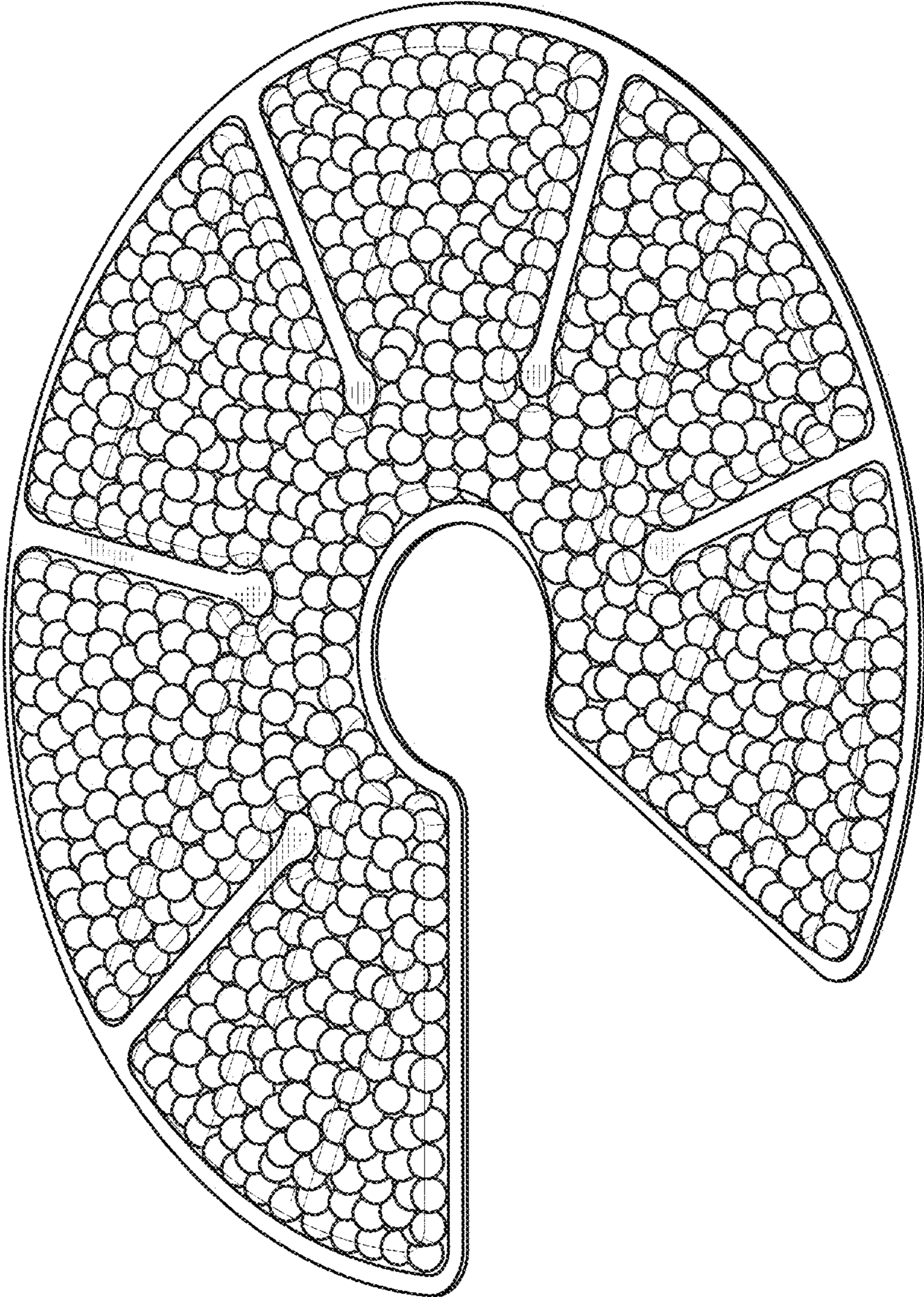


FIG. 1C

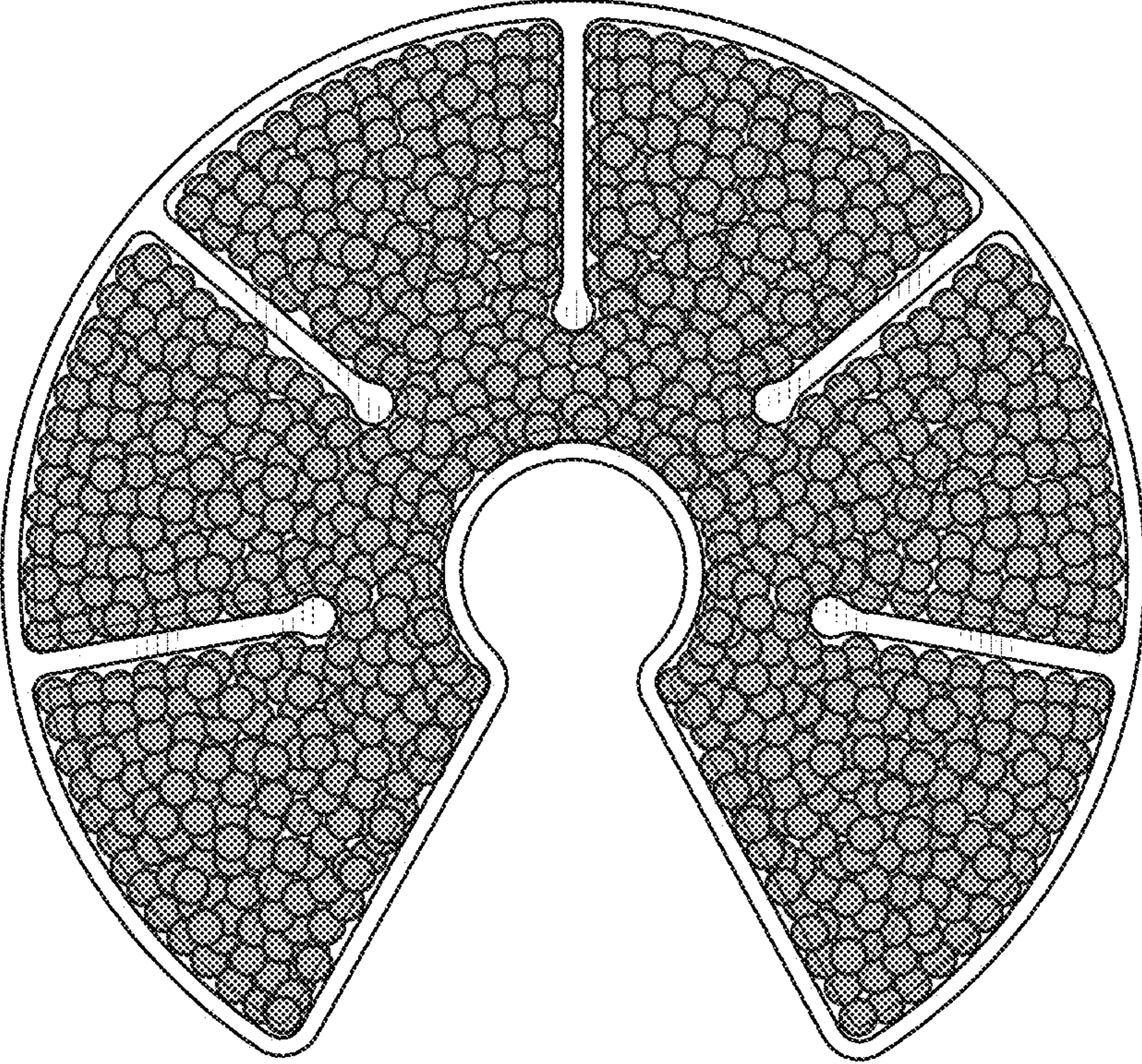


FIG. 2A

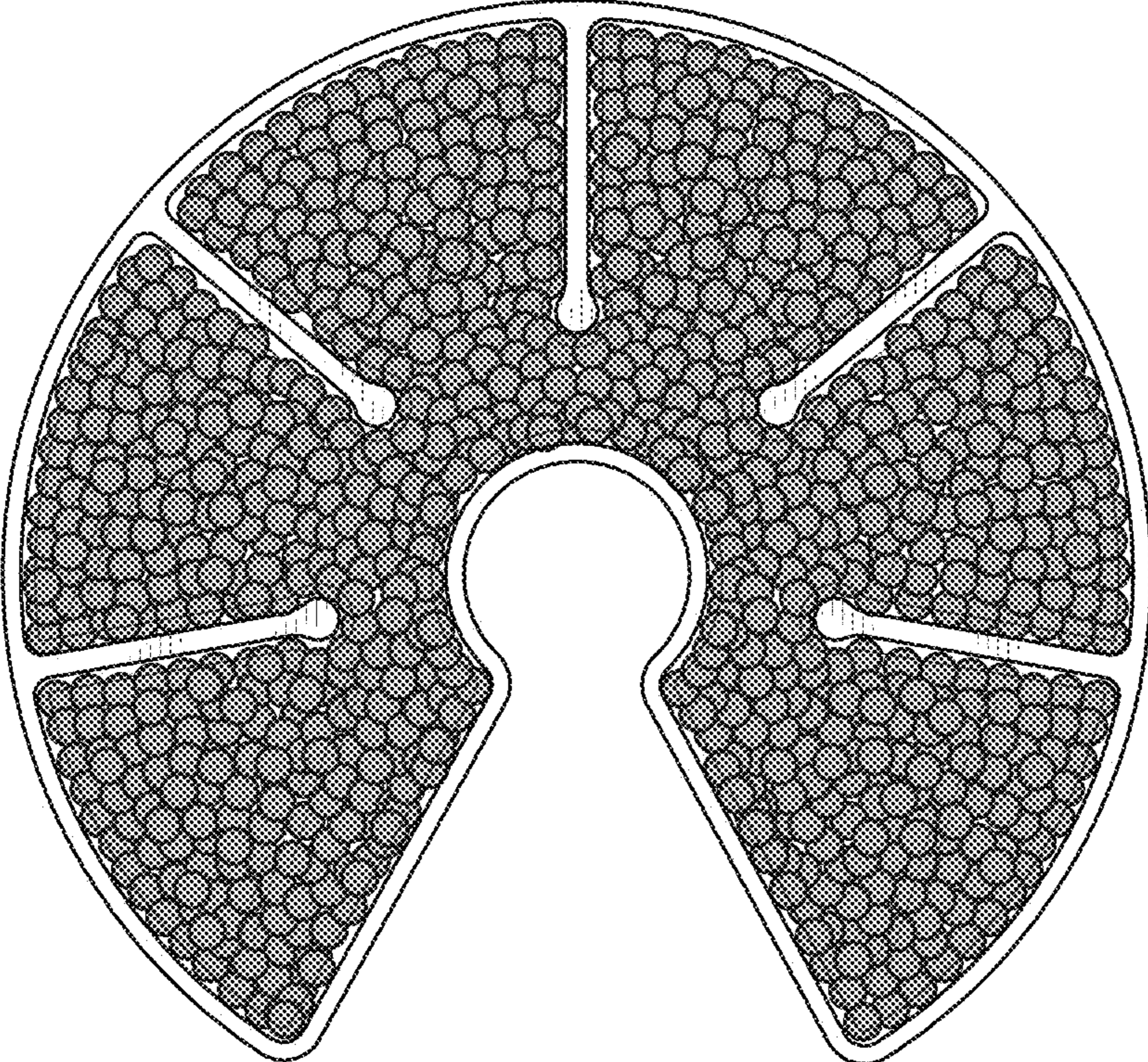


FIG. 2B

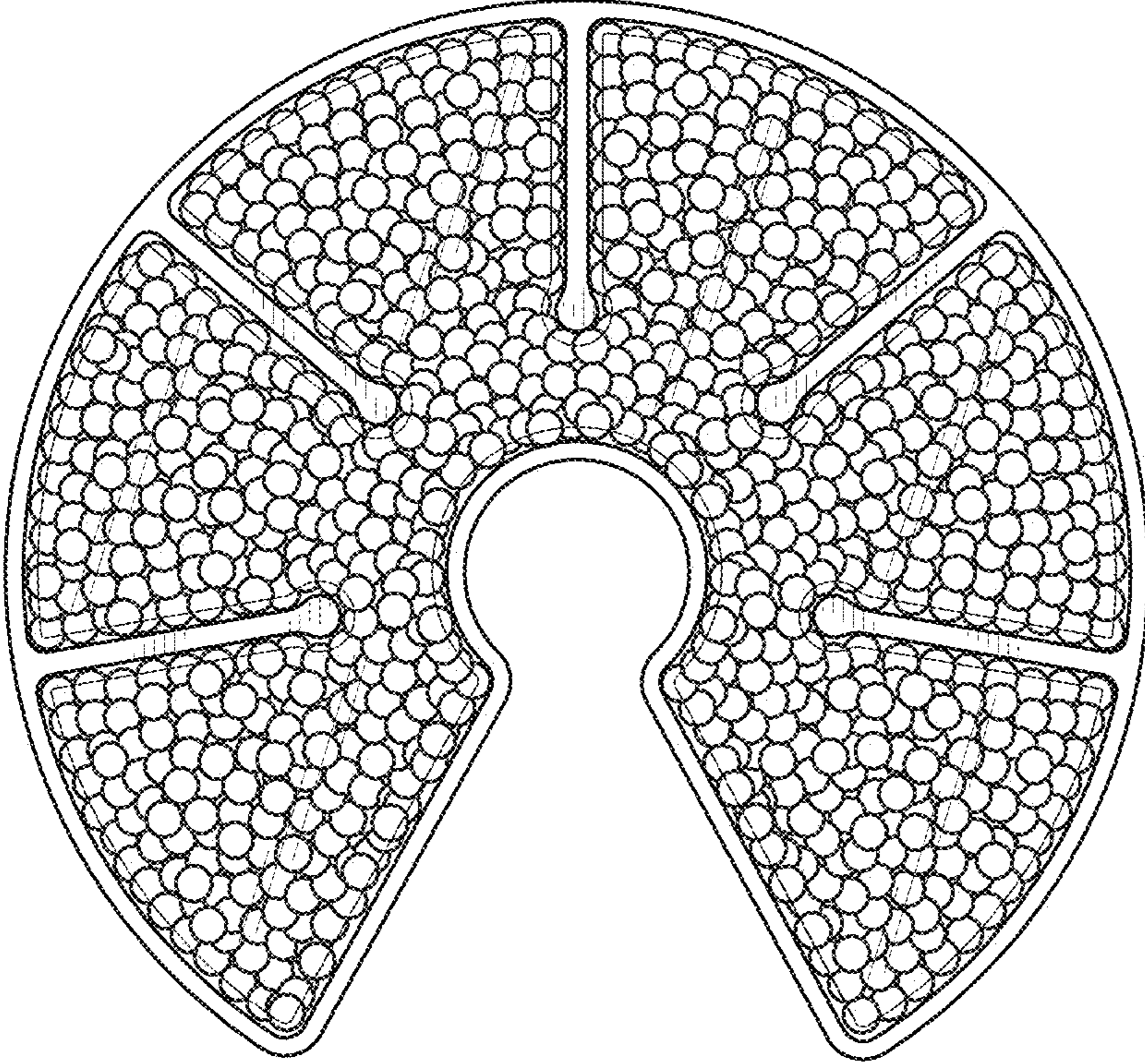


FIG. 2C

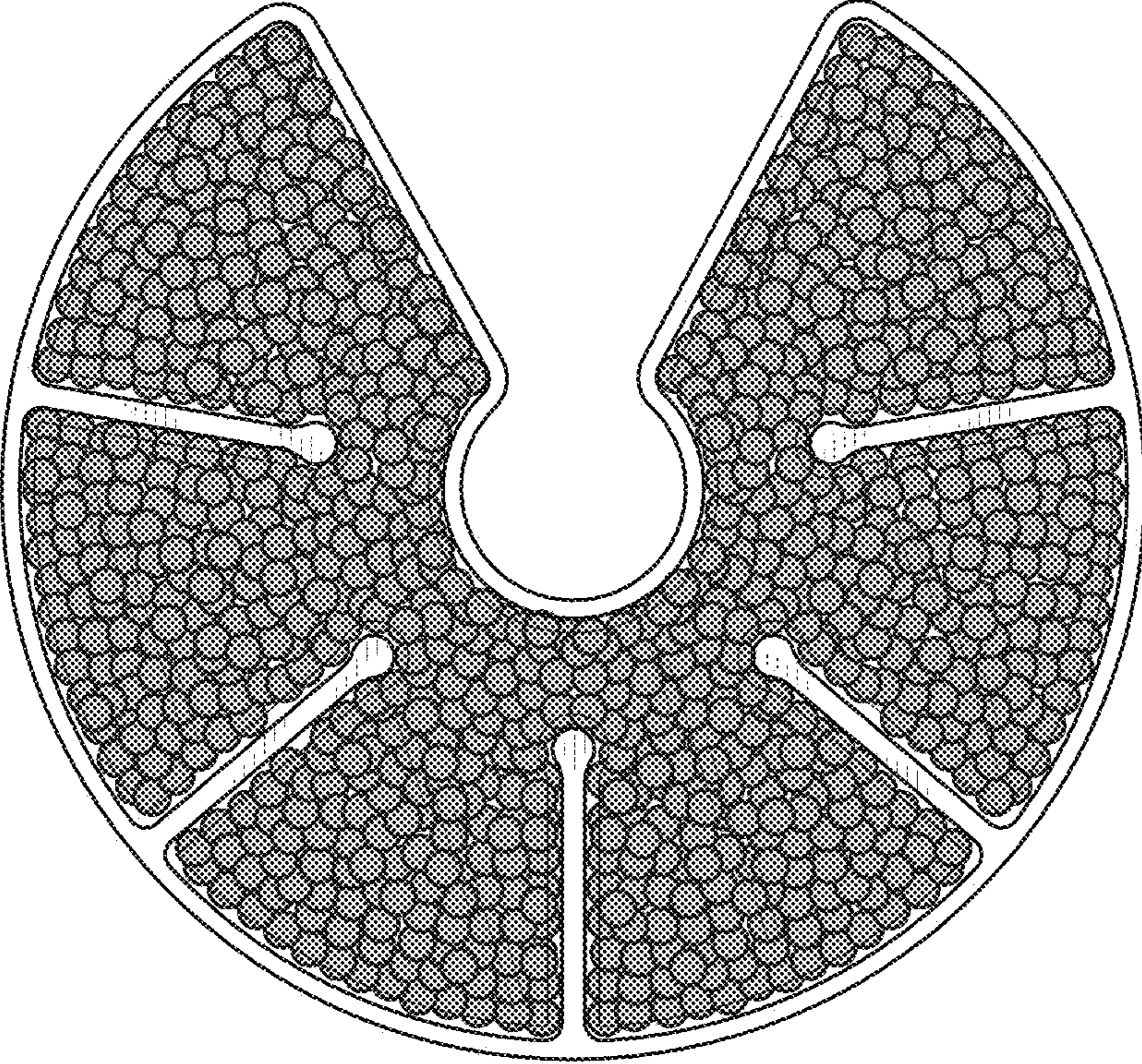


FIG. 3A

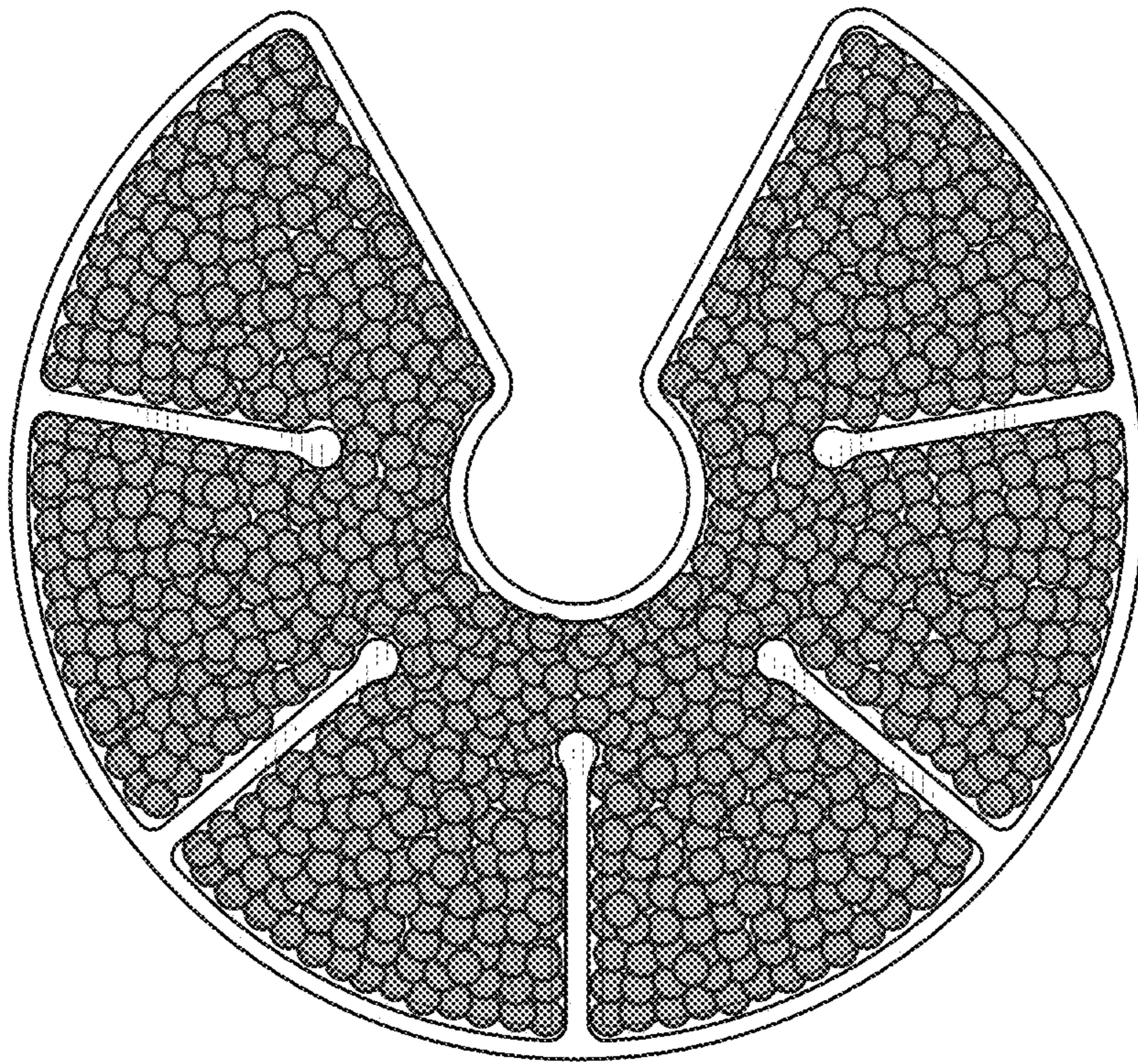


FIG. 3B

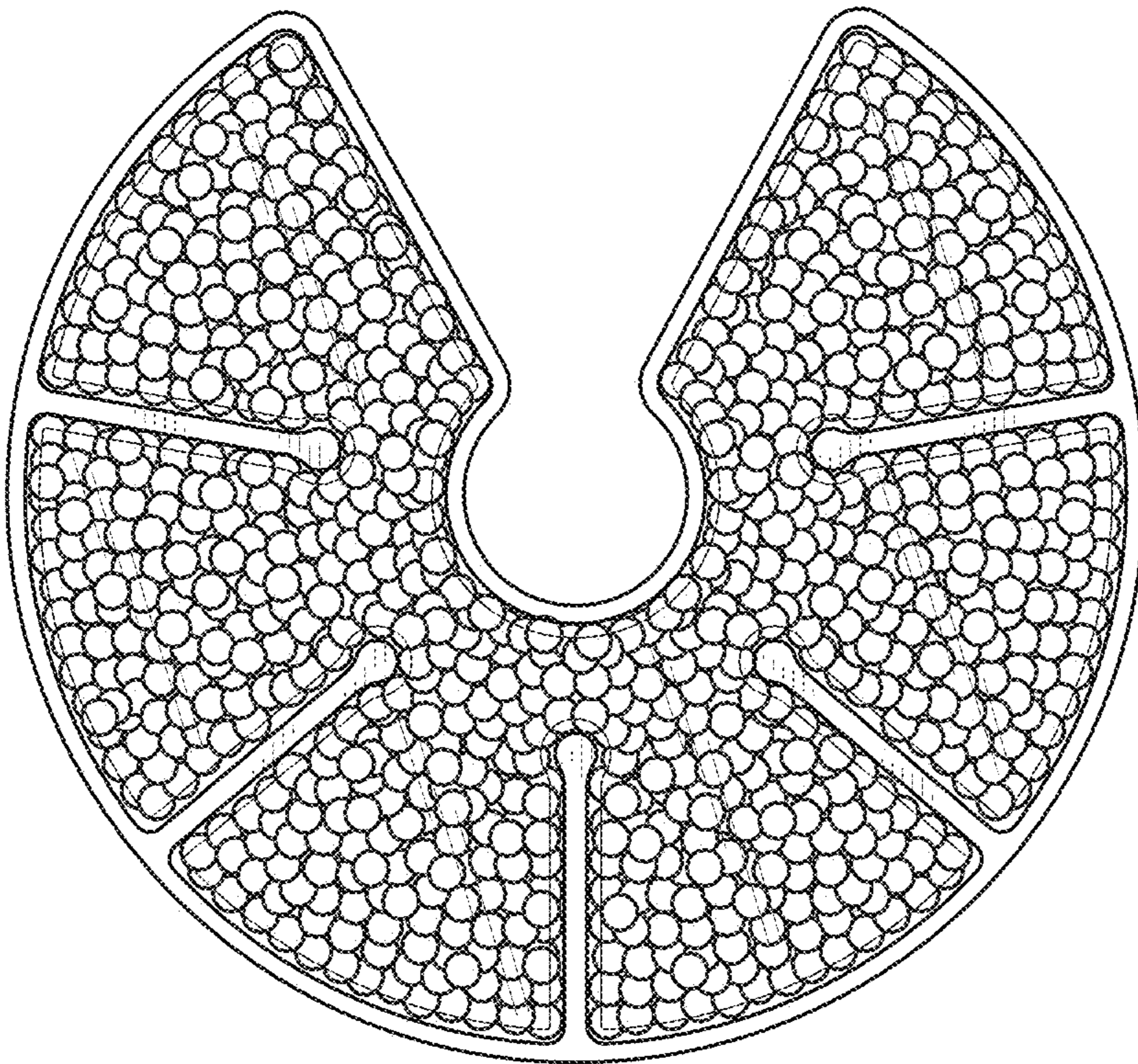


FIG. 3C

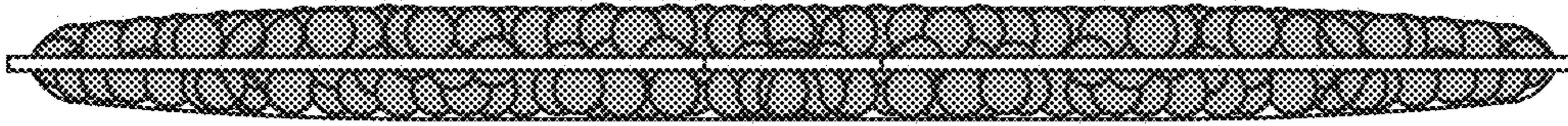


FIG. 4A

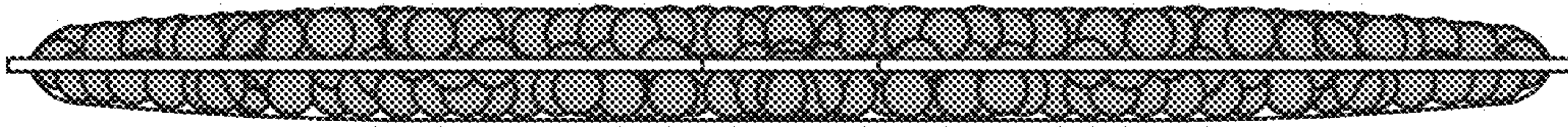


FIG. 4B

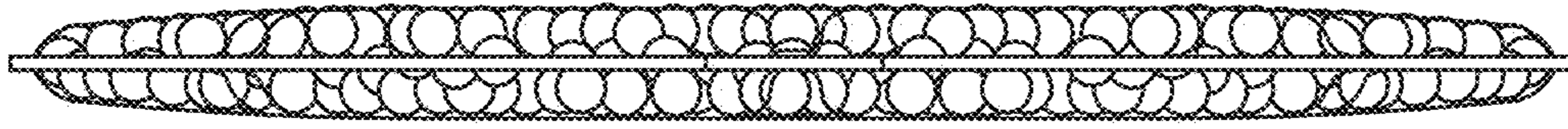


FIG. 4C

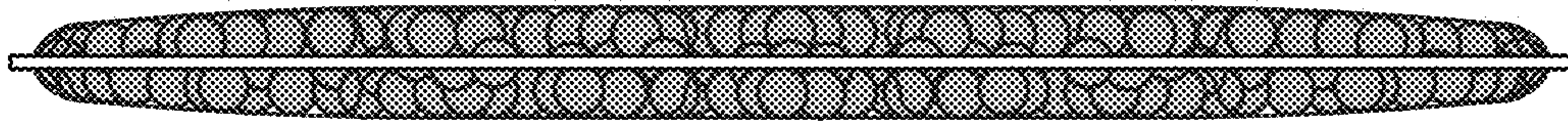


FIG. 5A

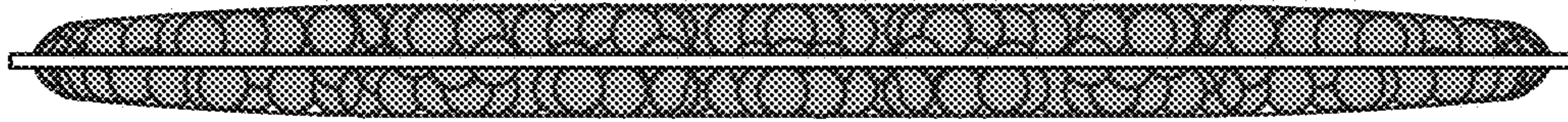


FIG. 5B

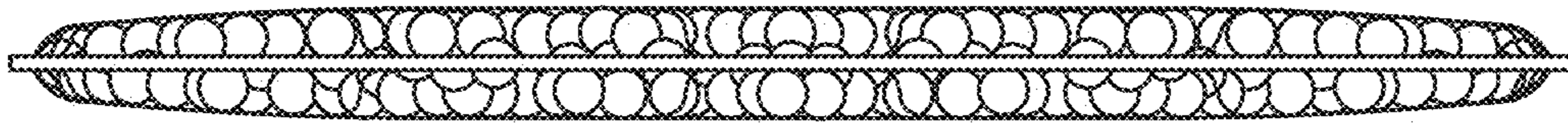


FIG. 5C

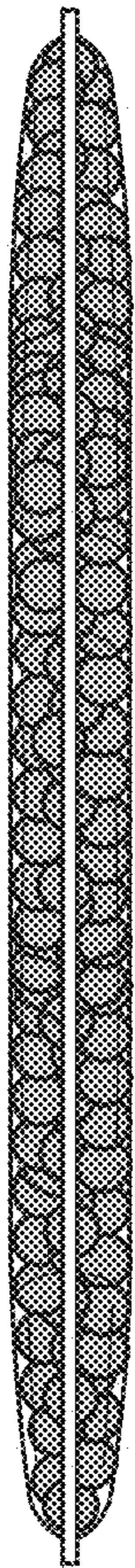


FIG. 6A

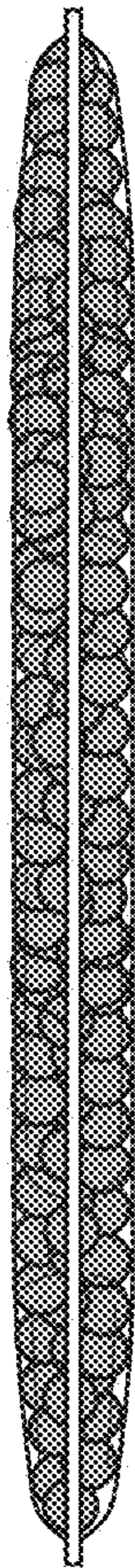


FIG. 6B

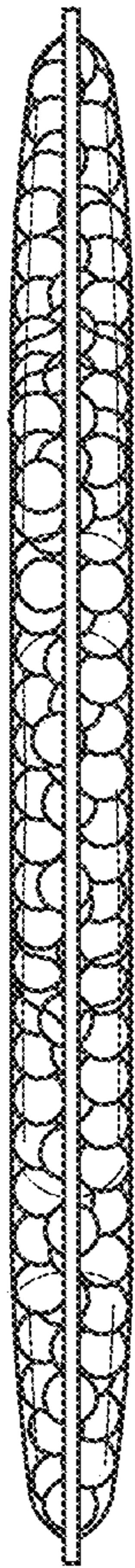


FIG. 6C

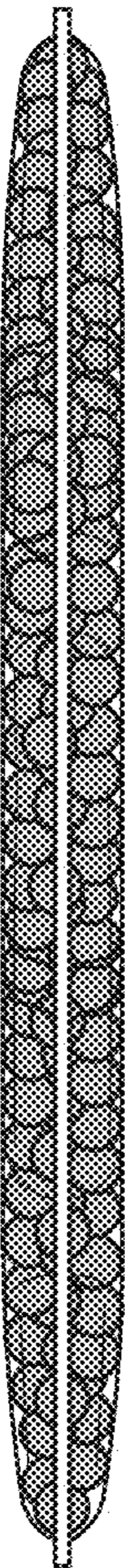


FIG. 7A



FIG. 7B

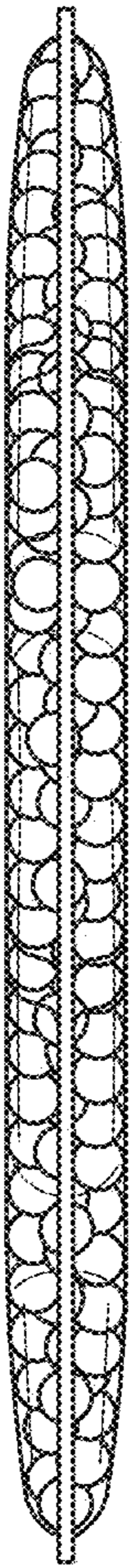


FIG. 7C