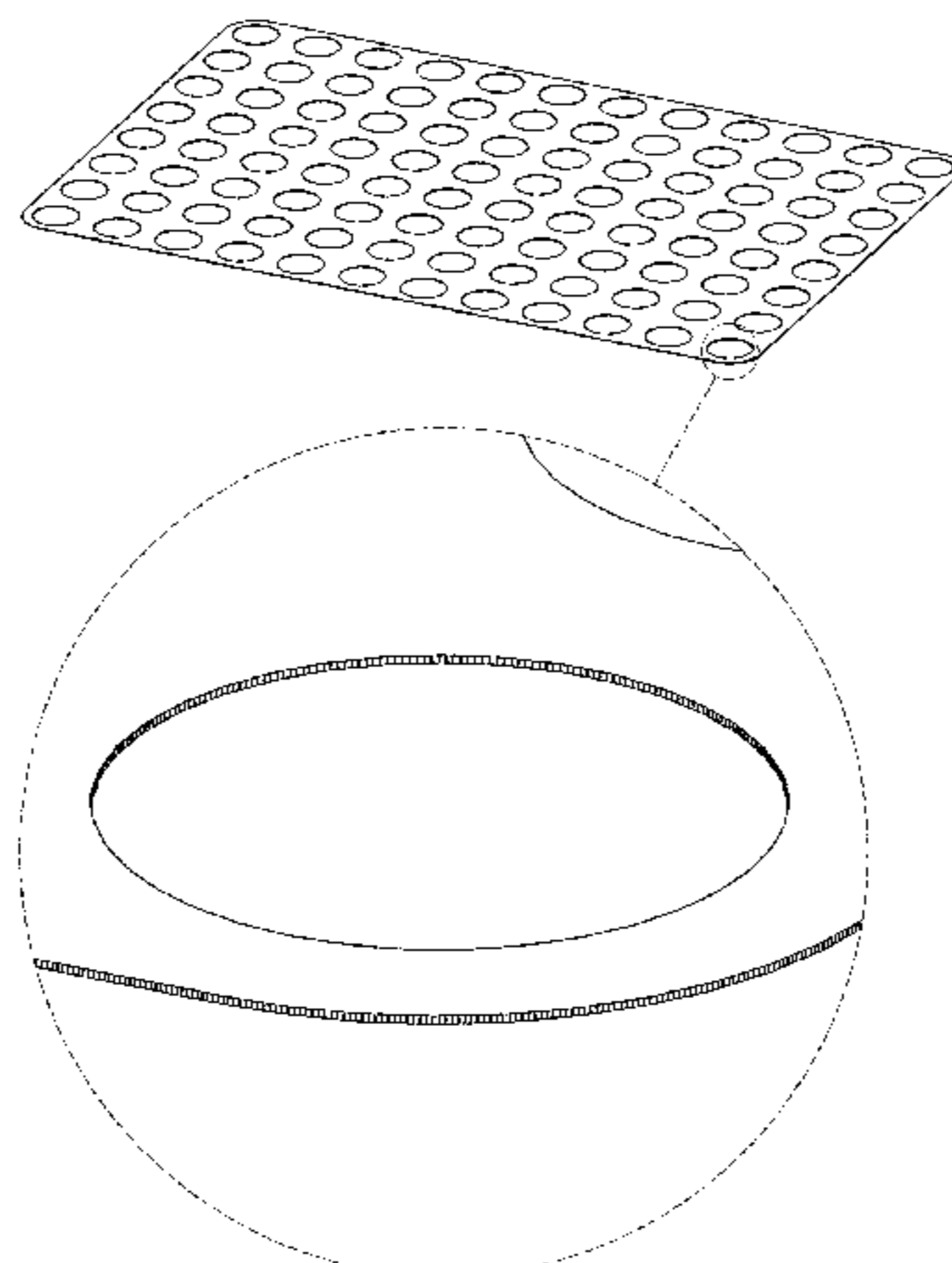




US00D865216S

(12) **United States Design Patent** (10) **Patent No.:** **US D865,216 S**
Curry et al. (45) **Date of Patent:** **** Oct. 29, 2019**

(54) PIPETTE TIP SHEET	4,130,978 A	12/1978	Cohen
	D264,810 S	6/1982	Voltmann
(71) Applicant: BIOTIX, INC. , San Diego, CA (US)	4,349,109 A	9/1982	Scordato et al.
	D271,239 S	11/1983	Lemieux et al.
(72) Inventors: Scott Edward Curry , Carlsbad, CA (US); Arta Motadel , San Diego, CA (US); Peter Paul Blaszcak , San Diego, CA (US)	4,511,534 A *	4/1985	Bennett, Jr. B01L 3/021 141/238
	D282,208 S	1/1986	Lowry
	D283,162 S	3/1986	Godsey
	4,577,760 A	3/1986	Ranin et al.
	4,676,377 A	6/1987	Ranin et al.
(73) Assignee: BIOTIX, INC. , San Diego, CA (US)	5,000,921 A *	3/1991	Hanaway B01L 3/021 422/520
(**) Term: 15 Years	5,156,811 A	10/1992	White
	D332,145 S	12/1992	Wada et al.
	D337,165 S	7/1993	Malinoff
(21) Appl. No.: 29/592,989	5,255,979 A	10/1993	Ferrari
	5,324,482 A	6/1994	Scaramella
(22) Filed: Feb. 3, 2017	5,366,088 A	11/1994	Hill et al.
	5,392,914 A	2/1995	Lemieux et al.
	5,441,702 A	8/1995	Lemieux
	5,487,872 A	1/1996	Hafeman et al.
	5,487,997 A	1/1996	Stolp
	D369,415 S *	4/1996	Boulton D24/224
	5,612,000 A	3/1997	Lemieux
	5,779,984 A	7/1998	Kelly
	5,882,603 A	3/1999	Taggart
	D411,308 S	6/1999	Pandey et al.
	D414,271 S	9/1999	Mendoza
	6,007,779 A	12/1999	Lemieux et al.
	D420,142 S	2/2000	Ballin et al.
	D420,743 S	2/2000	Monks
	6,019,225 A	2/2000	Kalmakis et al.
	6,164,449 A	12/2000	Lahti
(51) LOC (12) Cl. 24-02	D439,673 S	3/2001	Brophy et al.
(52) U.S. Cl.	D441,091 S	4/2001	Day
USPC D24/227	6,238,626 B1	5/2001	Higuchi
(58) Field of Classification Search	6,286,678 B1	9/2001	Petrek
USPC D24/107, 121, 133, 216, 222-230, 233;	D448,854 S	10/2001	Kuiper et al.
D9/523, 547, 549, 550, 724, 732	D452,740 S	1/2002	Brennan et al.
CPC B01F 13/0025; B01J 2219/00292; B01J	6,426,047 B1	7/2002	Hamel et al.
2220/64; B01L 3/14; B01L 3/021-0237;	D461,554 S	8/2002	Lafond et al.
B01L 3/508-50825; B01L 3/52-523;	D464,734 S	10/2002	Berna et al.
G01F 11/02	D466,219 S	11/2002	Wynschenk et al.
See application file for complete search history.	6,517,782 B1	2/2003	Horner et al.
	6,534,015 B1	3/2003	Viot et al.
	6,706,244 B1 *	3/2004	Holden B01J 19/0046 422/129
(56) References Cited	6,875,405 B1	4/2005	Mathus et al.
	7,060,226 B1	6/2006	Jessop et al.
U.S. PATENT DOCUMENTS	D529,622 S	10/2006	Hadjis et al.
	D533,948 S	12/2006	Schaub et al.
D246,466 S 11/1977 Attree et al.	D534,658 S	1/2007	Bargh
4,087,248 A 5/1978 Miles	7,169,361 B2	1/2007	Arnold et al.



US D865,216 S

Page 2

7,187,286	B2 *	3/2007	Morris	B01L 3/5027 340/572.1
7,220,590	B2	5/2007	Moritz et al.	
D556,338	S	11/2007	Coulling et al.	
D556,339	S	11/2007	Coulling et al.	
D562,463	S	2/2008	Berndt et al.	
7,335,337	B1	2/2008	Smith	
D574,505	S	8/2008	Muller-Cohn et al.	
D576,208	S	9/2008	Quercetti	
7,459,128	B2 *	12/2008	Karg	B01F 11/0071 222/133
D593,207	S	5/2009	Ayliffe	
D598,566	S	8/2009	Allaer	
7,628,960	B2	12/2009	Ruddock	
D608,013	S	1/2010	Coulling et al.	
D632,404	S	2/2011	Karpiloff	
D632,803	S *	2/2011	Motadel	D24/229
7,906,075	B2	3/2011	Ueda	
7,968,056	B2	6/2011	Stockwell	
8,088,593	B2 *	1/2012	Burd	B01J 19/0046 435/7.92
D654,186	S	2/2012	Park et al.	
D657,473	S	4/2012	Miyashita et al.	
8,148,168	B2	4/2012	Gjerde et al.	
D673,294	S	12/2012	Motadel	
D673,296	S *	12/2012	Fry	D24/227
D677,400	S	3/2013	Blaettler	
D679,025	S	3/2013	Motadel et al.	
D679,830	S *	4/2013	May	D24/224
8,453,838	B2	6/2013	Hill	
8,460,622	B2	6/2013	Motadel	
8,470,265	B2	6/2013	Motadel et al.	
D690,027	S	9/2013	Motadel	
8,590,736	B2	11/2013	Motadel	
D697,227	S	1/2014	Motadel	
D699,370	S *	2/2014	Motadel	D24/229
D699,371	S *	2/2014	Williams	D24/230
D699,859	S	2/2014	Motadel	
D702,854	S	4/2014	Nakahana	
D707,847	S	6/2014	Motadel et al.	
D709,718	S	7/2014	Snyder	
8,790,578	B2	7/2014	Wohlstadter	
8,795,606	B2	8/2014	Motadel et al.	
D724,236	S	3/2015	Motadel	
9,089,845	B2	7/2015	Motadel et al.	
D745,698	S *	12/2015	Hage	D24/225
9,238,227	B2 *	1/2016	Motadel	B01L 9/543
9,302,262	B2	4/2016	Motadel	
9,464,739	B2 *	10/2016	Chiang	F16L 25/10
9,511,364	B2 *	12/2016	Andersin	B01L 3/021
9,579,656	B2 *	2/2017	Finneran	B01L 9/06
D804,050	S *	11/2017	Coulling	D24/224
D815,753	S *	4/2018	Curry	D24/227
D833,031	S	11/2018	Curry et al.	
10,137,453	B2	11/2018	Curry et al.	
2003/0064508	A1	4/2003	Kwasnoski et al.	
2003/0129089	A1	7/2003	Arnold et al.	
2003/0152494	A1	8/2003	Moritz et al.	
2004/0033168	A1	2/2004	Hughes	
2005/0136546	A1	6/2005	Berndt	
2006/0093530	A1	5/2006	Ueda	
2006/0257292	A1	11/2006	Motadel	
2007/0017870	A1	1/2007	Belov et al.	
2008/0240999	A1	10/2008	Timpson	
2008/0284602	A1	11/2008	Morris	
2009/0007702	A1	1/2009	Yiu	
2009/0255949	A1	10/2009	Motadel	
2010/0080734	A1	4/2010	Brophy	
2010/0089938	A1	4/2010	Motadel	
2010/0119418	A1	5/2010	Clements	
2010/0266457	A1	10/2010	Rethwisch et al.	
2010/0314051	A1	12/2010	Barger	
2011/0236278	A1	9/2011	Motadel et al.	
2012/0257953	A1	10/2012	Williams	
2013/0108522	A1	5/2013	Cohen et al.	
2014/0205518	A1	7/2014	Malinoski	
2014/0234182	A1	8/2014	Motadel et al.	
2014/0314637	A1	10/2014	Motadel et al.	
2015/0110690	A1	4/2015	Stiles	

2015/0283548	A1	10/2015	Motadel et al.
2016/0167041	A1	6/2016	Curry et al.
2016/0319329	A1	11/2016	Natale
2017/0080432	A1	3/2017	Curry
2017/0297030	A1	10/2017	Motadel et al.
2018/0117595	A1	5/2018	Curry et al.
2018/0304269	A1	10/2018	Motadel et al.

FOREIGN PATENT DOCUMENTS

EP	1110613	6/2001
WO	WO 95/08392	3/1995
WO	WO 00/24513	5/2000
WO	WO 01/70401	9/2001
WO	WO 02/072261	9/2002
WO	WO 03/064271	8/2003
WO	WO 06/133440	12/2006
WO	WO 09/126945	10/2009
WO	WO 10/085669	7/2010
WO	WO 13/181163	12/2013
WO	WO 16/094553	6/2016

OTHER PUBLICATIONS

Bioexpress Tip Eject. [online] Retrieved Jul. 19, 2018 from URL: https://www.bioexpress.com/assetsvc/asset/en_US/id/11301722/contents.*

International Search Report and Written Opinion dated Sep. 2, 2010 in International Application No. PCT/US2010/021838 filed on Jan. 22, 2010 and published as: WO 10/085669 on: Jul. 29, 2010.

Extended European Search Report dated Jun. 1, 2012 in European Application No. EP10733922 filed Jan. 22, 2010, based on International Application No. PCT/US2010/021838 filed Jan. 22, 2010 and published as WO/2010/085669 on Jul. 29, 2010.

International Preliminary Report on Patentability dated Aug. 4, 2011 in International Application No. PCT/US2010/021838 filed on Jan. 22, 2010 and published as: WO 10/085669 on: Jul. 29, 2010. U.S. Appl. No. 61/044,243, filed Apr. 11, 2008 by Arta Motadel.

Office Action dated Jun. 25, 2013 in U.S. Appl. No. 29/445,143, filed Feb. 27, 2013.

Office Action dated Feb. 12, 2014 in U.S. Appl. No. 29/445,143, filed Feb. 27, 2013.

Office Action dated Feb. 26, 2013 in U.S. Appl. No. 12/692,426, filed Jan. 22, 2012 and published as: US-2010/0221151 on: Sep. 2, 2010.

Office Action dated Sep. 25, 2012 in U.S. Appl. No. 12/692,426, filed Jan. 22, 2012 and published as: US-2010/0221151 on: Sep. 2, 2010.

Office Action dated Feb. 13, 2012 in U.S. Appl. No. 12/692,426, filed Jan. 22, 2012 and published as: US-2010/0221151 on: Sep. 2, 2010.

Office Action dated Apr. 26, 2012 in U.S. Appl. No. 29/354,397, filed Jan. 22, 2010.

Office Action dated Nov. 8, 2012 in U.S. Appl. No. 29/354,397, filed Jan. 22, 2010.

Office Action dated Mar. 27, 2014 in U.S. Appl. No. 13/769,212, filed Feb. 15, 2013 and published as US 2013-0161226 on Jun. 27, 2013.

Office Action dated Oct. 23, 2014 in U.S. Appl. No. 13/769,212, filed Feb. 15, 2013 and published as US 2013-0161226 on Jun. 27, 2013.

Office Action dated Apr. 3, 2015 in U.S. Appl. No. 13/769,212, filed Feb. 15, 2013 and published as US 2013-0161226 on Jun. 27, 2013. Office Action dated Sep. 24, 2015 in U.S. Appl. No. 14/746,711, filed Jun. 22, 2015 and published as US 2015-0283548 on Oct. 8, 2015.

Office Action dated Oct. 1, 2015 in U.S. Appl. No. 14/712,451, filed May 14, 2015.

Office Action dated Apr. 6, 2016 in U.S. Appl. No. 14/746,711, filed Jun. 22, 2015 and published as US 2015-0283548 on Oct. 8, 2015.

Office Action dated Jun. 13, 2016 in U.S. Appl. No. 14/712,451, filed May 14, 2015 and published as US 2016-0167041 on Jun. 16, 2016.

Office Action dated Oct. 28, 2016 in U.S. Appl. No. 14/746,711, filed Jun. 22, 2015 and published as US 2015-0283548 on Oct. 8, 2015.

Office Action dated Nov. 3, 2016 in U.S. Appl. No. 14/712,451, filed May 14, 2015 and published as US 2016-0167041 on Jun. 16, 2016.

Office Action dated Apr. 19, 2017 in U.S. Appl. No. 14/746,711, filed Jun. 22, 2015 and published as US 2015-0283548 on Oct. 8, 2015.

Office Action dated May 26, 2017 in U.S. Appl. No. 14/712,451, filed May 14, 2015 and published as US 2016-0167041 on Jun. 16, 2016.

International Preliminary Report on Patentability dated Jun. 22, 2017 for International Application No. PCT/US2015/064784, filed on Dec. 9, 2015 and published as WO 2016/094553 on Jun. 16, 2016.

Office Action dated Jul. 31, 2017 in U.S. Appl. No. 29/527,027, filed May 14, 2015.

Office Action dated Oct. 5, 2017 in U.S. Appl. No. 15/637,148, filed Jun. 29, 2017 and published as US 2017-0297030 on Oct. 19, 2017.

Office Action dated Nov. 8, 2017 in U.S. Appl. No. 14/712,451, filed May 14, 2015 and published as US 2016-0167041 on Jun. 16, 2016.

Office Action dated Dec. 13, 2017 in U.S. Appl. No. 29/601,729, filed Apr. 25, 2017.

Office Action dated Dec. 13, 2017 in U.S. Appl. No. 29/601,730, filed Apr. 25, 2017.

Office Action dated Dec. 18, 2017 in U.S. Appl. No. 29/527,027, filed May 14, 2015.

Office Action dated Jan. 25, 2018 in U.S. Appl. No. 29/527,027, filed May 14, 2015.

Office Action dated Mar. 26, 2018 in U.S. Appl. No. 29/601,729, filed Apr. 25, 2017.

Office Action dated May 17, 2018 in U.S. Appl. No. 29/601,730, filed Apr. 25, 2017.

Office Action dated Jun. 22, 2018 in U.S. Appl. No. 15/277,923, filed Sep. 27, 2016 and published as US 2017-0080432 on Mar. 23, 2017.

Office Action dated Jul. 27, 2018 in U.S. Appl. No. 14/712,451, filed May 14, 2015 and published as US 2016-0167041 on Jun. 16, 2016.

Office Action dated Aug. 27, 2018 in U.S. Appl. No. 15/852,620, filed Dec. 22, 2017.

Office Action dated Aug. 27, 2018 in U.S. Appl. No. 29/548,015, filed Dec. 9, 2015.

Office Action dated Nov. 26, 2018 in U.S. Appl. No. 15/277,923, filed Sep. 27, 2016 and published as US 2017-0080432 on Mar. 23, 2017.

Office Action dated Nov. 28, 2018 in U.S. Appl. No. 15/543,224, filed Jul. 12, 2017 and published as US 2018-0117595 on May 3, 2018.

Office Action dated Jan. 2, 2019 in U.S. Appl. No. 29/548,015, filed Dec. 9, 2015.

Office Action dated Jan. 9, 2019 in U.S. Appl. No. 15/852,620, filed Dec. 22, 2017 and published as US 2018-0304269 on Oct. 25, 2018.

Office Action dated Apr. 11, 2019 in U.S. Appl. No. 15/543,224, filed Jul. 12, 2017 and published as US 2018-0117595 on May 3, 2018.

Office Action dated Aug. 7, 2019 in U.S. Design Appl. No. 29/654,517, filed Jun. 25, 2018.

* cited by examiner

Primary Examiner — Vy N Koenig
(74) *Attorney, Agent, or Firm* — Grant IP, Inc.

(57)

CLAIM

The ornamental design for a pipette tip sheet, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a pipette tip sheet comprising 96 holes that can be associated with an array of pipette tips;

FIG. 2 is a bottom perspective view of the sheet shown in FIG. 1;

FIG. 3 is a top view of the sheet shown in FIG. 1, which has the same appearance as the bottom view of the sheet shown in FIG. 1;

FIG. 4 is a longer side view of the sheet shown in FIG. 1;

FIG. 5 is a shorter side view of the sheet shown in FIG. 1; and,

FIG. 6 is an enlarged view of the region defined by the broken line circle shown in FIG. 1.

1 Claim, 2 Drawing Sheets

Fig. 1

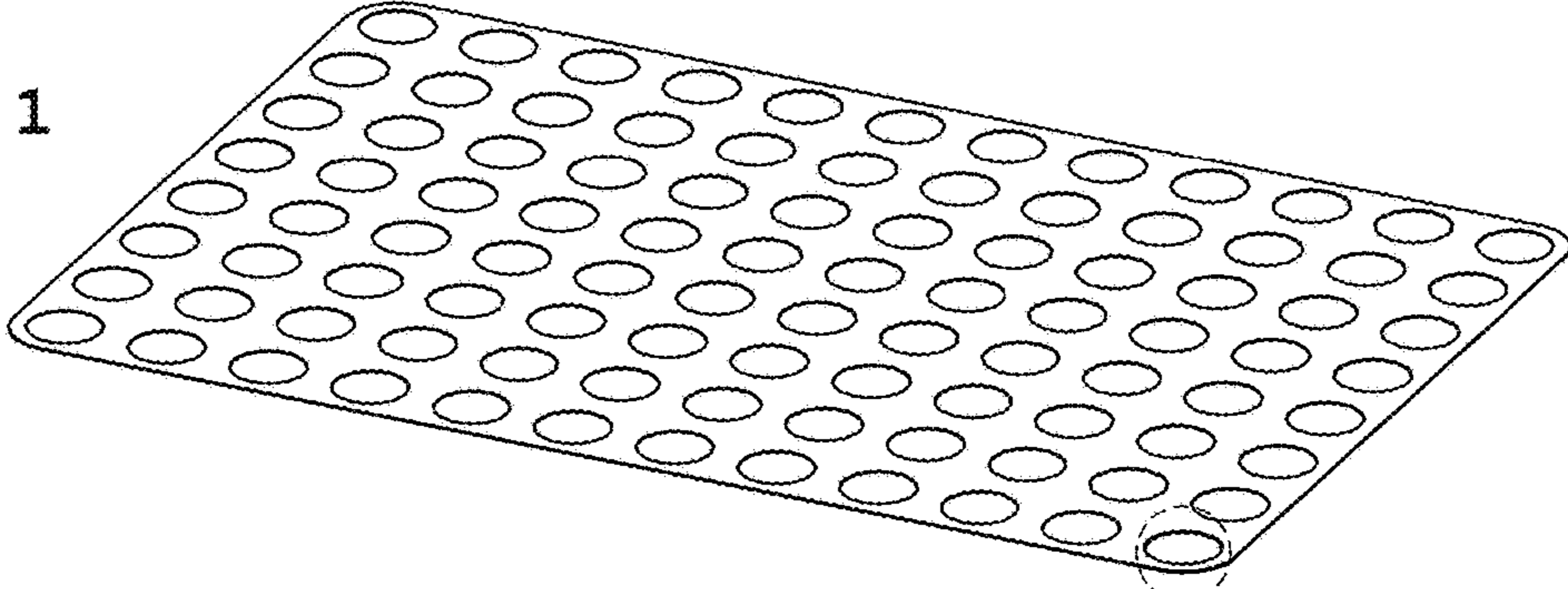


Fig. 6

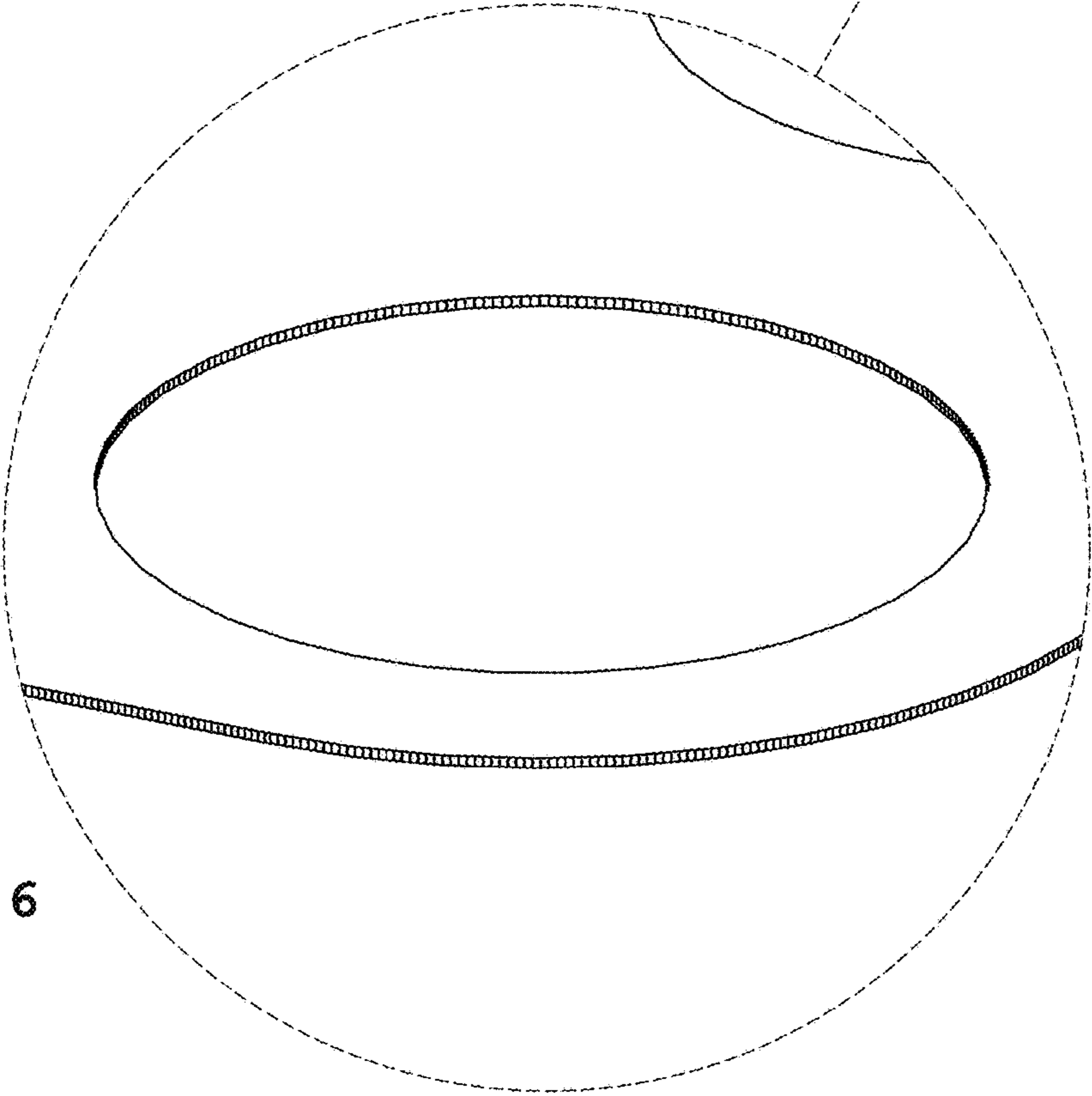


Fig. 2

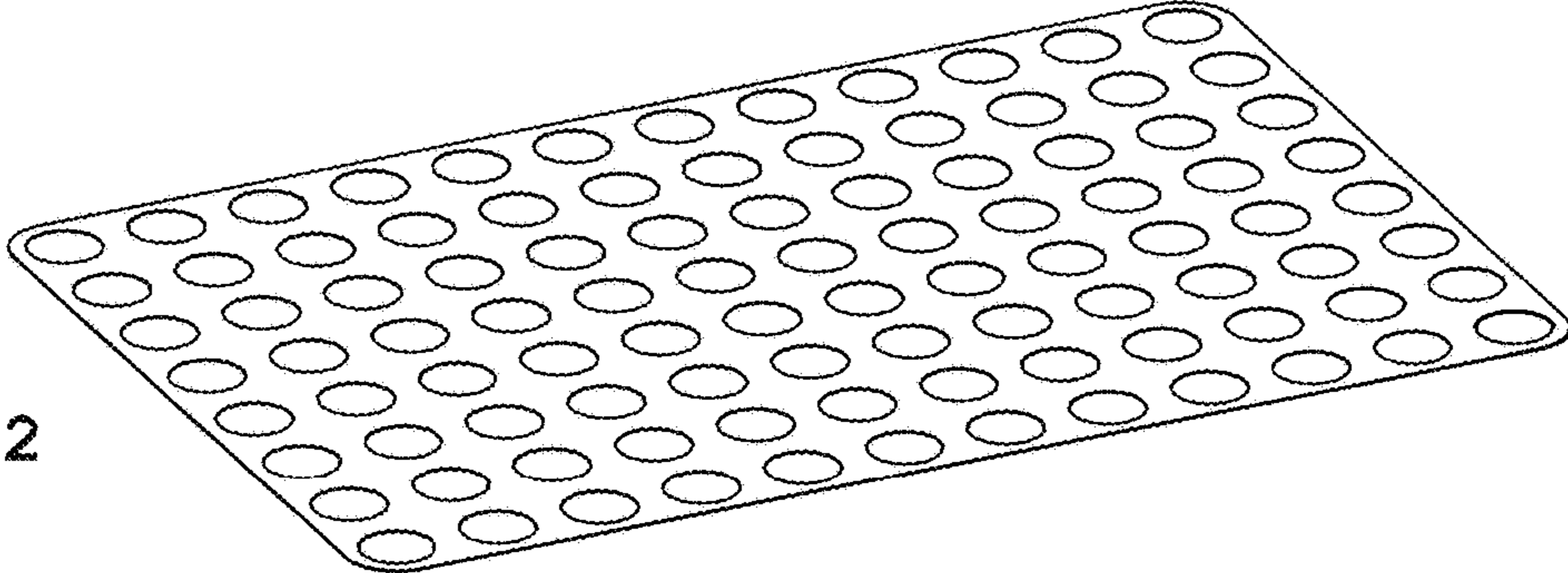


Fig. 3

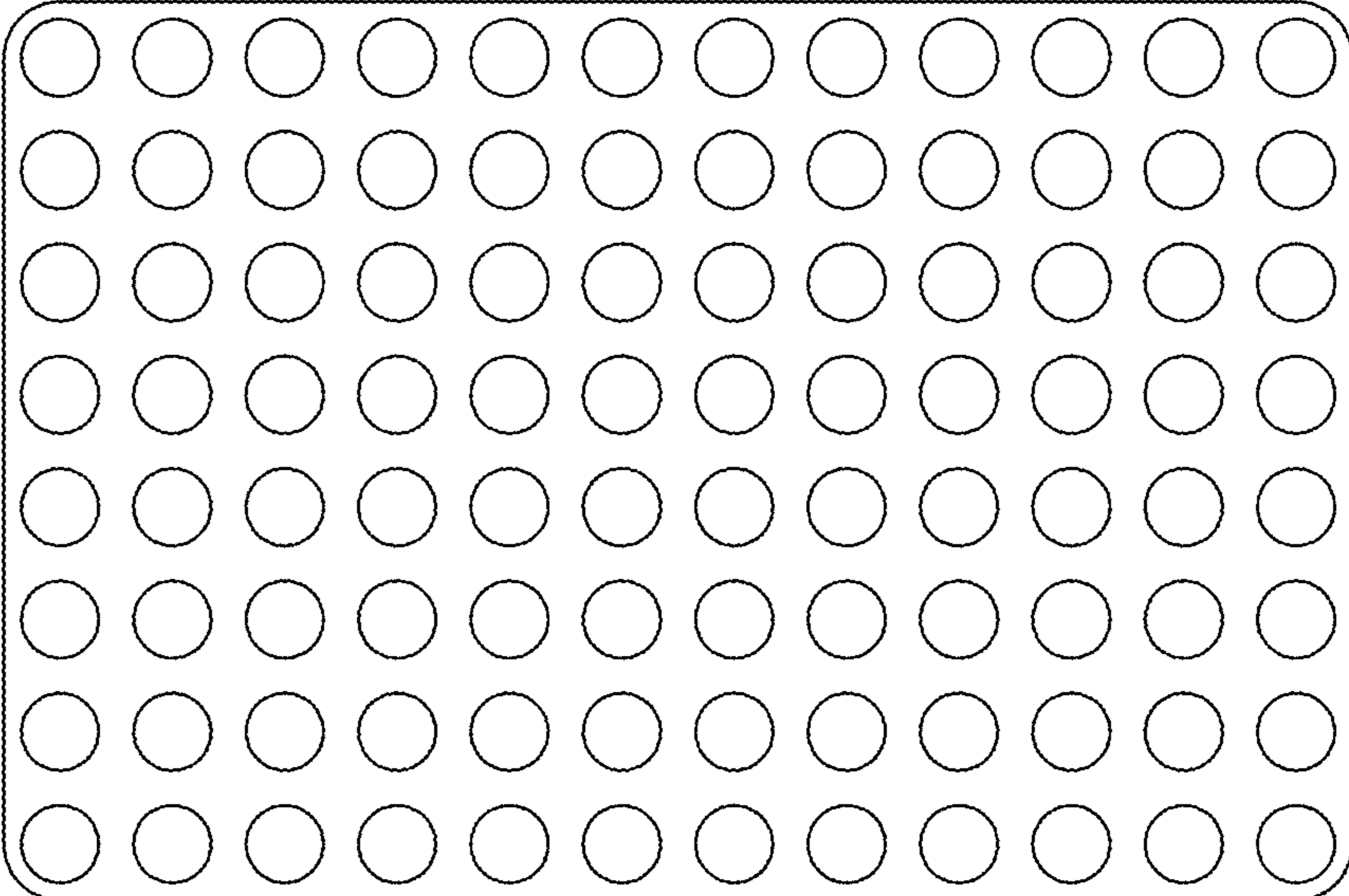


Fig. 4



Fig. 5

