



US00D920536S

(12) **United States Design Patent** (10) **Patent No.:** **US D920,536 S**
Self et al. (45) **Date of Patent:** **** May 25, 2021**

(54) **REAGENT PLATE**

(71) Applicant: **Becton, Dickinson and Company**,
Franklin Lakes, NJ (US)
(72) Inventors: **Brian A. Self**, Monkton, MD (US);
Dwight Livingston, Fallston, MD (US);
Alyssa Shedlosky, Owings Mills, MD
(US)

(73) Assignee: **Becton, Dickinson and Company**,
Franklin Lakes, NJ (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/664,916**

(22) Filed: **Sep. 28, 2018**

(51) **LOC (13) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/227; D24/229**

(58) **Field of Classification Search**
USPC D24/121, 224, 226, 227, 229, 230;
D9/756-758
CPC C12M 23/12; B01L 3/502; B01L 3/5025;
B01L 3/5085; B01L 3/50855; B01D
61/18

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,483,925 A * 11/1984 Noack B01L 3/5085
141/110
4,725,388 A * 2/1988 Nelson B01L 3/5085
264/21
5,858,309 A 1/1999 Mathus et al.
5,922,289 A * 7/1999 Wong B01L 3/50855
422/553
5,948,363 A 9/1999 Gaillard
5,962,250 A 10/1999 Gavin et al.
D420,743 S 2/2000 Monks
6,074,614 A 6/2000 Hafeman et al.

(Continued)

FOREIGN PATENT DOCUMENTS

EM 003342732-0013 * 8/2016
EM 003342732-0014 8/2016

(Continued)

OTHER PUBLICATIONS

Design U.S. Appl. No. 29/564,499, filed May 13, 2016 entitled
"Reagent Plate" (Not Yet Published).

(Continued)

Primary Examiner — Janice Hallmark

Assistant Examiner — Omeed Agilee

(74) *Attorney, Agent, or Firm* — Lerner, David,
Littenberg, Krumholz & Mentlik, LLP

(57) **CLAIM**

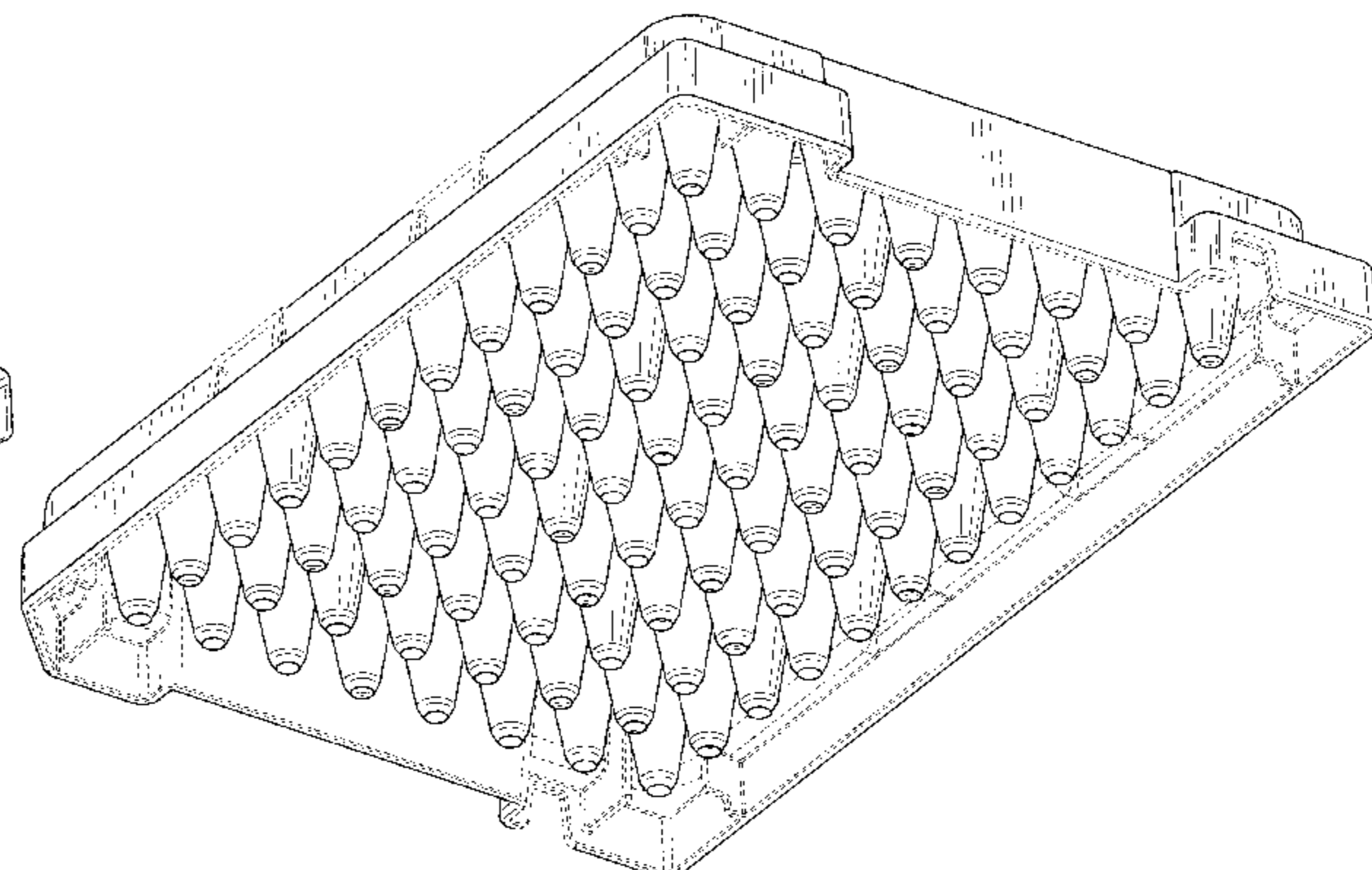
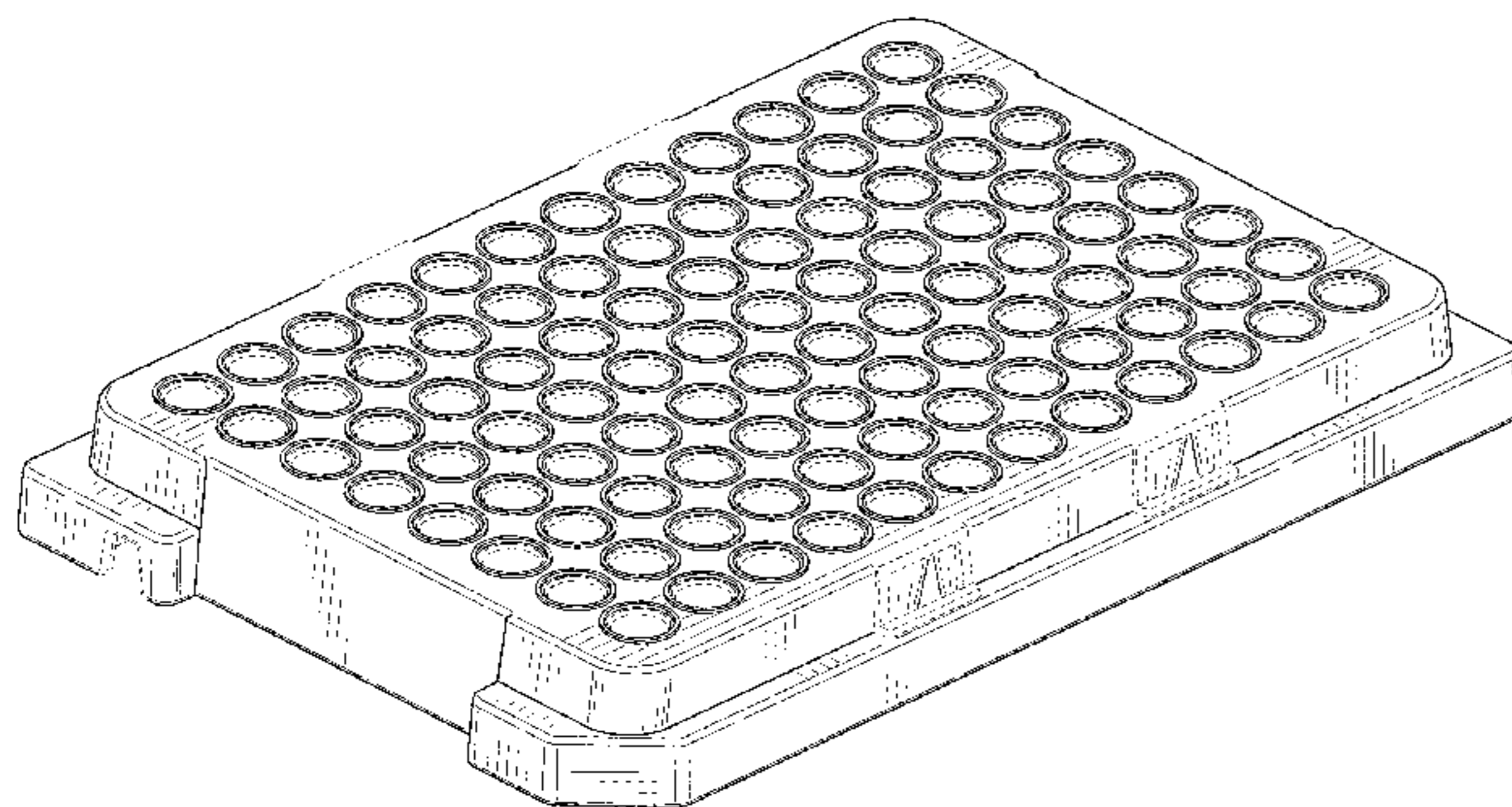
The ornamental design for a reagent plate, as shown and
described.

DESCRIPTION

FIG. 1 is a front perspective view of a reagent plate
according to our design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a left side elevation view thereof;
FIG. 5 is a right side elevation view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a rear bottom perspective view thereof; and,
FIG. 9 is a cross-sectional view taken along line 9-9 of FIG.
6.

The broken lines of even length shown in the drawings
depict portions of the reagent plate that form no part of the
claimed design. The broken lines of uneven length represent
boundary lines that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,099,230 A * 8/2000 Hitch B01L 9/523
414/223.02
D441,091 S * 4/2001 Day D24/22
6,426,215 B1 7/2002 Sandell
D466,219 S 11/2002 Wynschenk et al.
D469,544 S 1/2003 Lafond et al.
6,540,965 B2 4/2003 Bara
6,767,607 B2 7/2004 Tanner et al.
7,128,878 B2 10/2006 Muser
7,176,809 B2 2/2007 Ganz et al.
7,211,224 B2 5/2007 Olivier
7,309,603 B2 12/2007 Ma et al.
7,347,977 B2 3/2008 Guelzow et al.
7,531,140 B2 5/2009 Szlosek
D598,128 S 8/2009 Pihl et al.
D601,713 S 10/2009 Lohn et al.
D601,714 S 10/2009 Lohn et al.
7,674,346 B2 3/2010 Clements et al.
D628,305 S 11/2010 Gorrec et al.
D628,306 S 11/2010 Blanc et al.
D639,447 S 6/2011 Karpiloff
D699,371 S 2/2014 Williams et al.
8,728,415 B2 * 5/2014 Seippel B01L 3/5085
422/553
D710,024 S 7/2014 Guo
8,858,718 B2 10/2014 Gifford et al.
8,877,141 B2 * 11/2014 Yu B01L 3/5085
422/407
8,906,327 B2 * 12/2014 Williams B01L 9/543
422/524
D724,236 S 3/2015 Motadel et al.
D729,942 S 5/2015 Keizer et al.
D732,187 S 6/2015 Houkal et al.
9,168,532 B2 10/2015 Malinoski et al.
D745,698 S 12/2015 Rage et al.
D808,540 S 1/2018 Johns et al.
D812,243 S 3/2018 Johns et al.
D826,426 S * 8/2018 Muller D24/230
D840,053 S * 2/2019 Kamees D24/230
D906,537 S * 12/2020 Sims D24/224

2001/0051112 A1 12/2001 Gulzow et al.
2002/0104795 A1 8/2002 Cote et al.
2002/0192119 A1 12/2002 DeSilets et al.
2005/0058578 A1 * 3/2005 Guelzow B01L 3/5085
422/553
2005/0136546 A1 6/2005 Berndt et al.
2005/0170498 A1 8/2005 Dolley et al.
2005/0179562 A1 * 8/2005 Ganz G01D 9/005
340/870.07
2008/0095673 A1 * 4/2008 Xu B01L 3/50851
422/400
2009/0275116 A1 * 11/2009 Subramanyam B01L 3/50851
435/287.2
2009/0280032 A1 11/2009 Super et al.
2011/0286897 A1 11/2011 Uschkureit et al.
2013/0315800 A1 11/2013 Yin et al.
2014/0205518 A1 7/2014 Malinoski et al.
2014/0361022 A1 12/2014 Finneran
2015/0209786 A1 * 7/2015 Hage B01L 3/5025
435/6.12
2015/0309025 A1 10/2015 Van Praet et al.
2017/0136467 A1 5/2017 Johns et al.
2017/0298313 A1 * 10/2017 Moorhead C12M 23/12
2020/0164365 A1 * 5/2020 King B01L 3/5085
2020/0346210 A1 * 11/2020 Hubbuch B01L 3/5025
2020/0360918 A1 * 11/2020 Chen G01N 35/1009
2020/0391215 A1 * 12/2020 Cox C12M 23/48
2020/0408695 A1 * 12/2020 Dragna G01N 21/253

FOREIGN PATENT DOCUMENTS

EM 003372614-0004 9/2016
EM 003372614-0005 9/2016

OTHER PUBLICATIONS

Design U.S. Appl. No. 29/575,816, filed Aug. 29, 2016, entitled "Reagent Plate". (Not Yet Published).
Various Images of a product offered for sale prior to May 13, 2016.
Canadian Examination Report for Application No. 186562 dated Oct. 16, 2020, 4 pages.

* cited by examiner

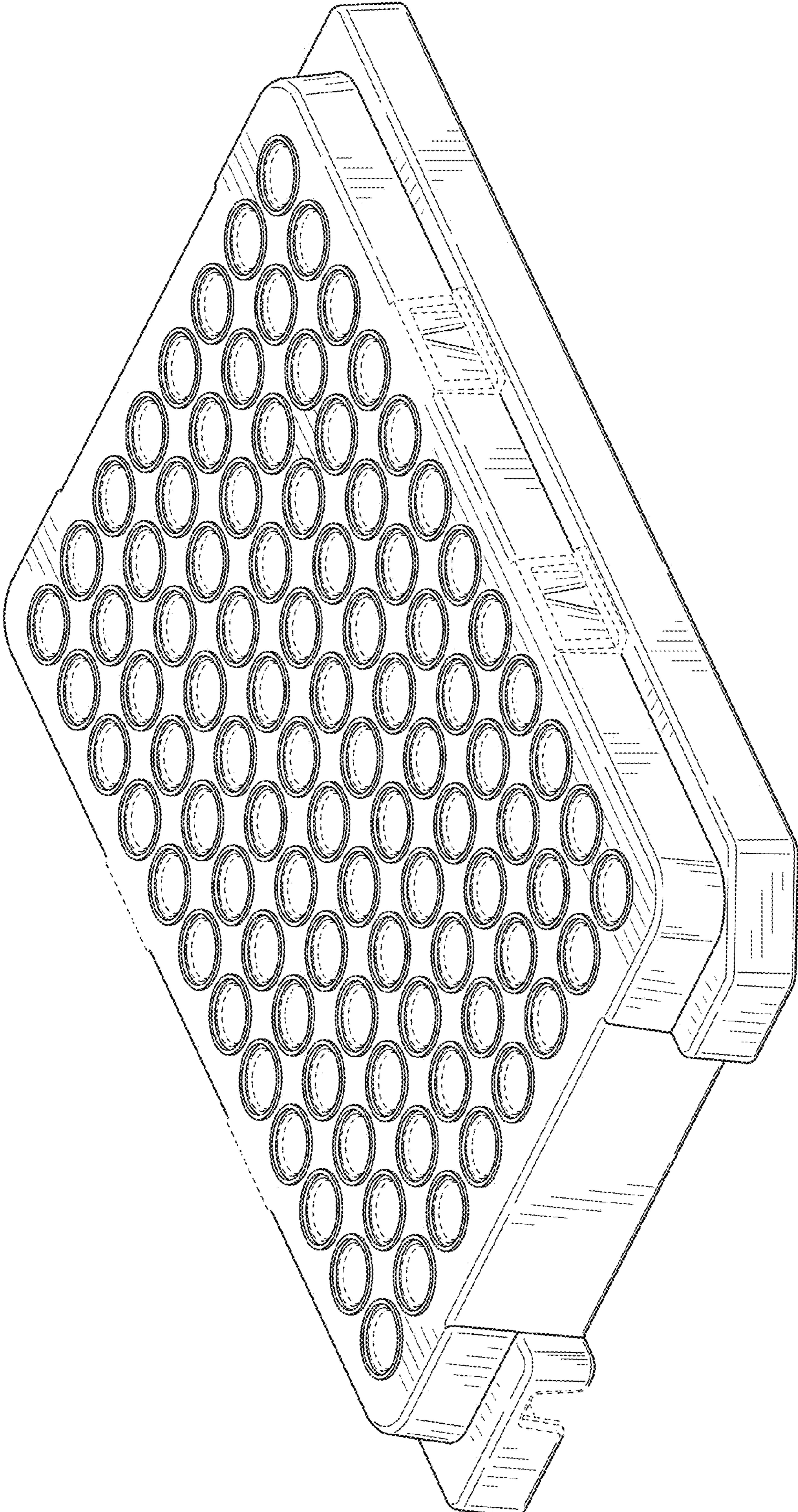


FIG. 1

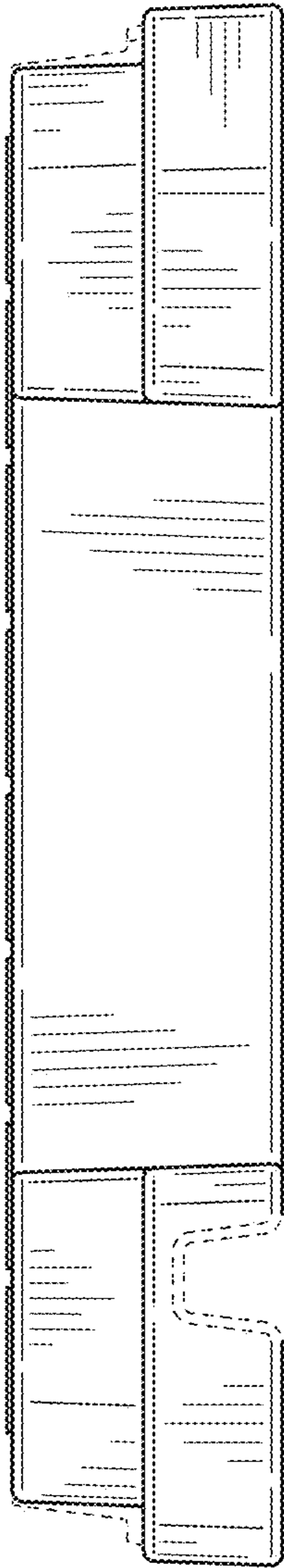


FIG. 2

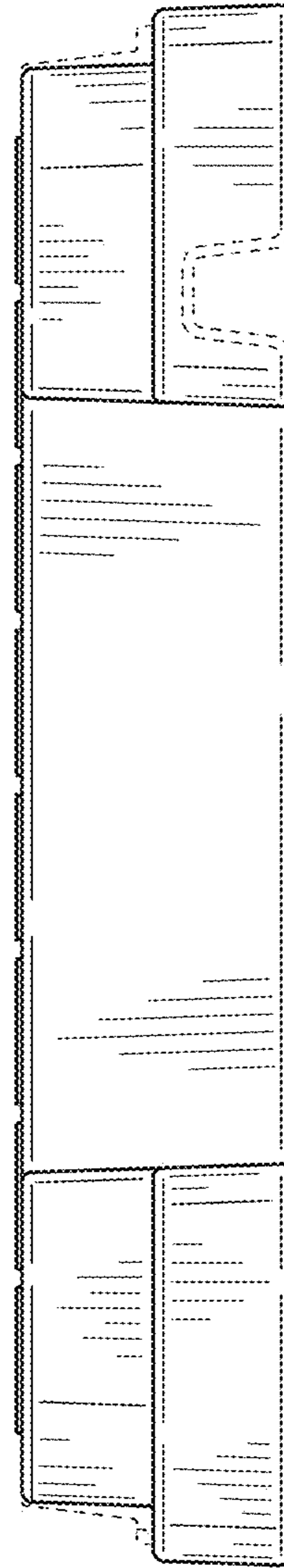


FIG. 3

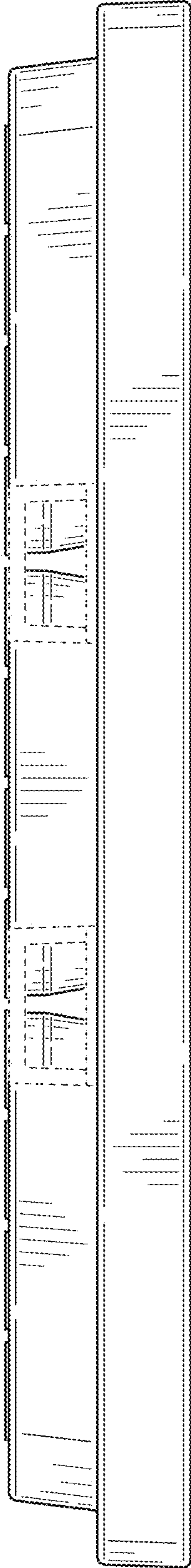


FIG. 4

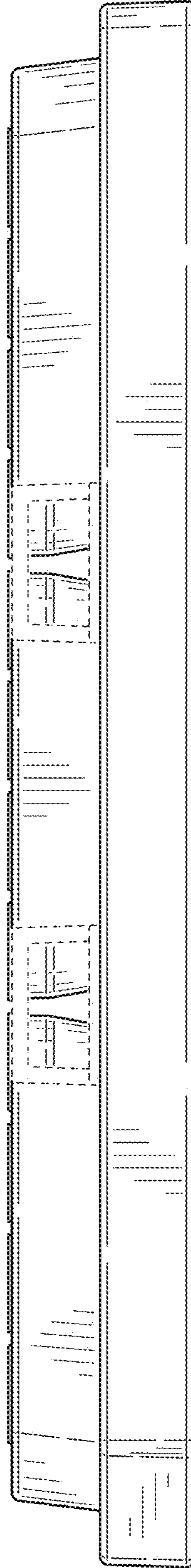


FIG. 5

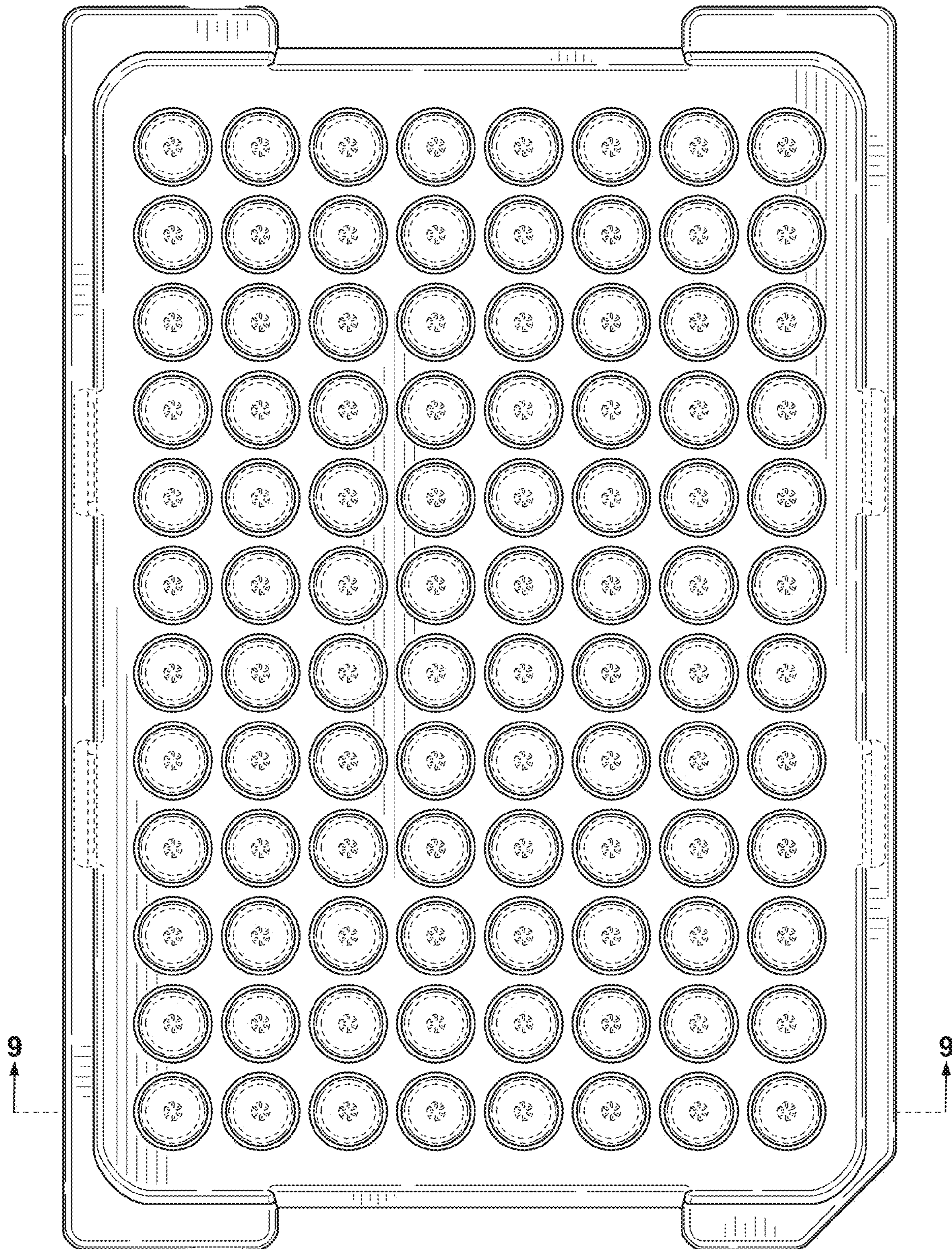


FIG. 6

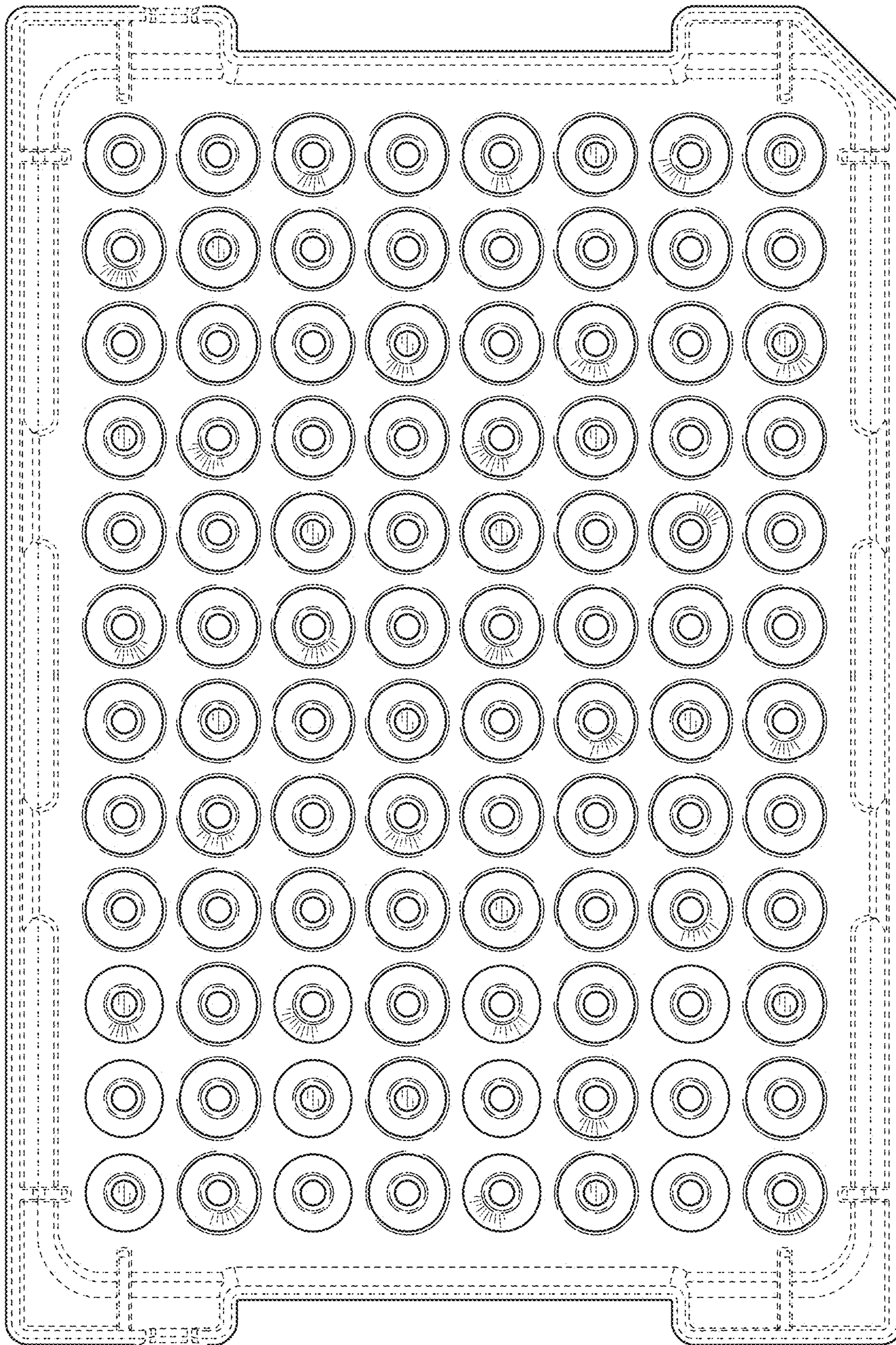


FIG. 7

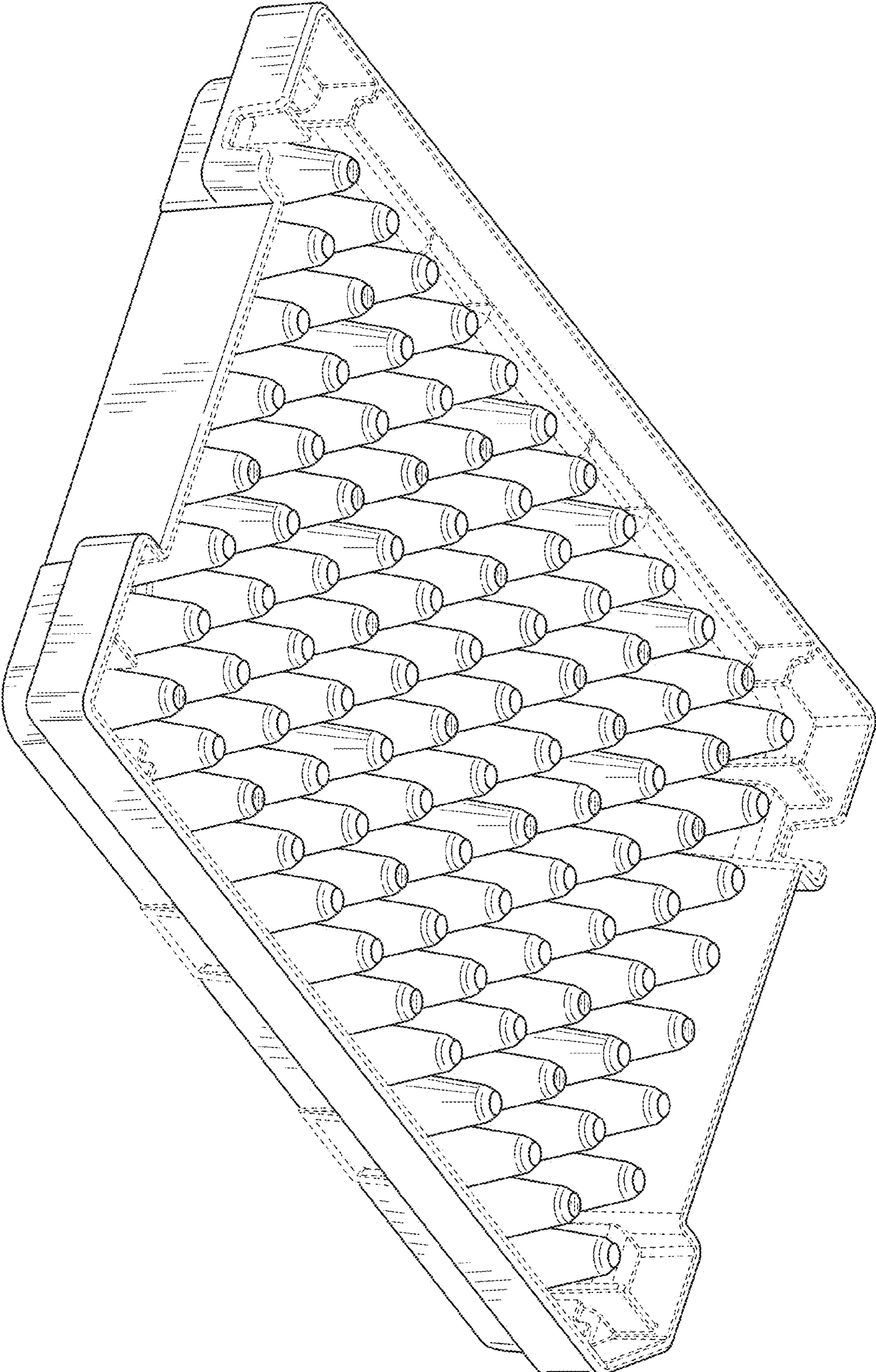


FIG. 8

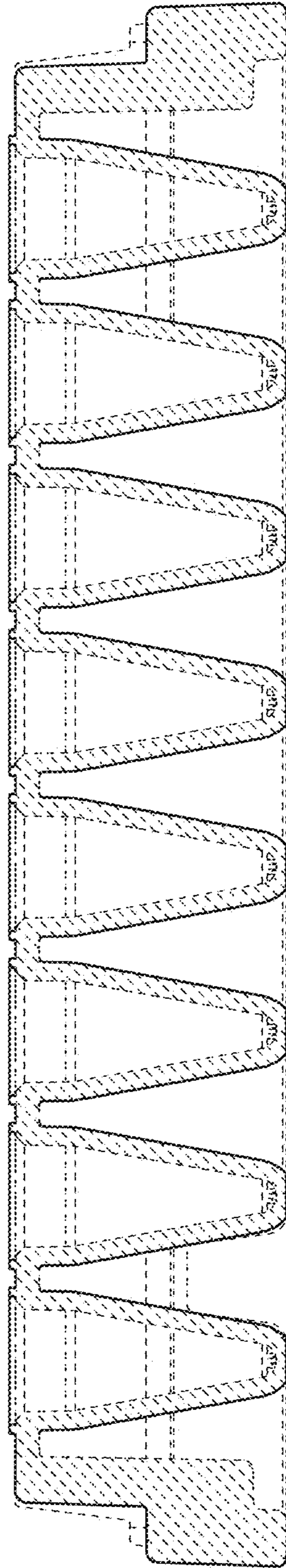


FIG. 9