

US00D906537S

(12) **United States Design Patent** (10) **Patent No.:** **US D906,537 S**
Sims et al. (45) **Date of Patent:** **** Dec. 29, 2020**

(54) **DIVISIBLE MULTI-WELL PLATE**

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(72) Inventors: **Daniel Sims**, Ashford (GB); **Peter Pryce**, Ashford (GB); **Gabor Nagy**, Ashford (GB)

(73) Assignee: **ABGENE LIMITED**, Ashford (GB)

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

(21) Appl. No.: **29/683,696**

(22) Filed: **Mar. 14, 2019**

(51) **LOC (12) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/224**

(58) **Field of Classification Search**
USPC D24/107, 216, 219, 223–232, 121;
D10/81

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,875,620 A 10/1989 Lane, Sr.
D441,091 S * 4/2001 Day D24/224
(Continued)

OTHER PUBLICATIONS

US D878,623 S, 03/2020, Self (withdrawn)*
PCT/GB2020/050647, Search Report and Written Opinion, dated
Jun. 4, 2020, 13 pages.

Primary Examiner — Anhdao Doan

(57) **CLAIM**

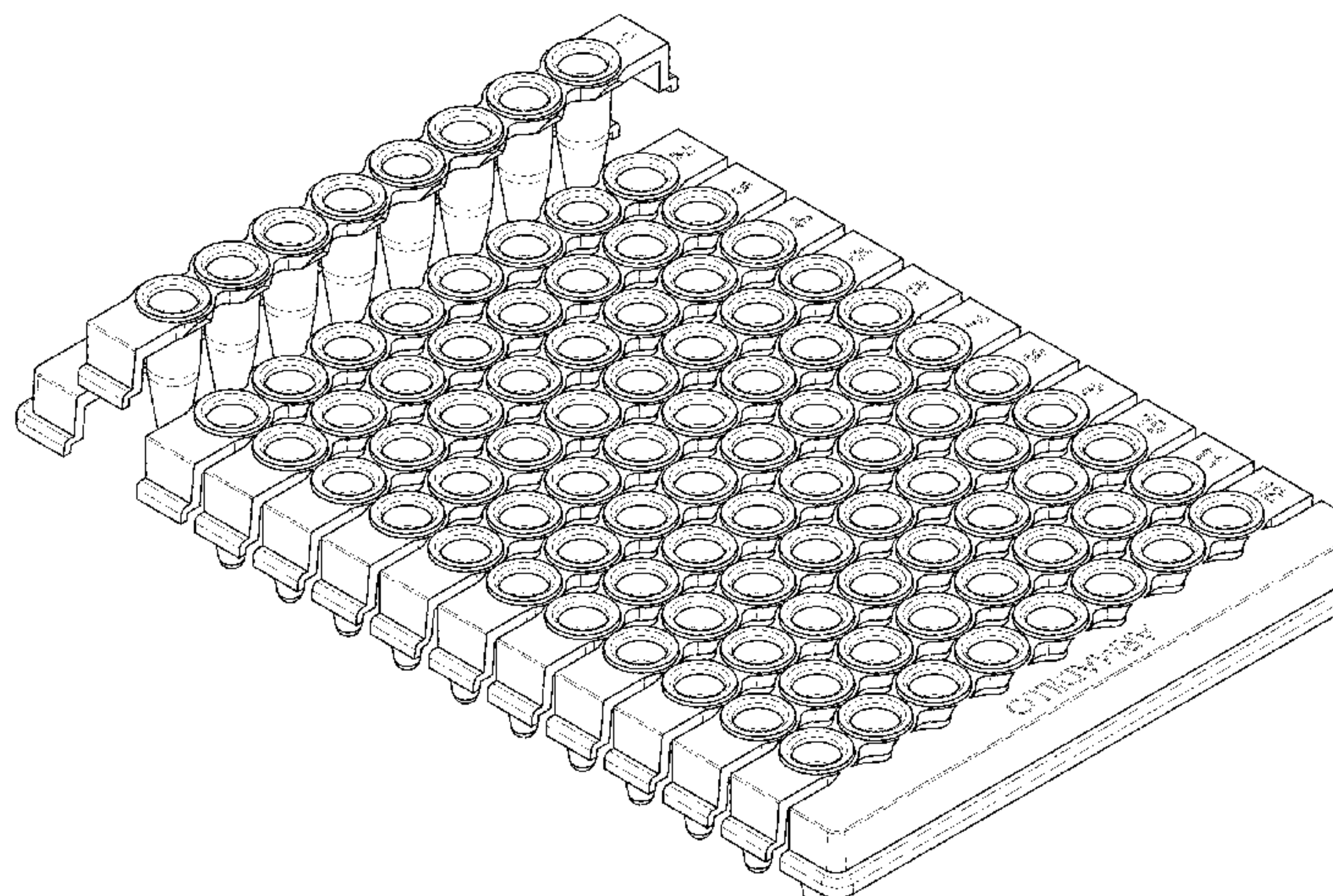
The ornamental design for a divisible multi-well plate, as
shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a frame member of a
divisible multi-well plate according to one embodiment;

FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is an enlarged view of the encircled area 8 of FIG. 2;
FIG. 9 is an enlarged view of the encircled area 9 of FIG. 6;
FIG. 10 is a front perspective view of the divisible multi-
well plate view in an attached state;
FIG. 11 is a front view thereof;
FIG. 12 is a rear view thereof;
FIG. 13 is a right side view thereof;
FIG. 14 is a left side view thereof;
FIG. 15 is top view thereof;
FIG. 16 is a bottom view thereof;
FIG. 17 is an enlarged view of the encircled area 17 of FIG.
11;
FIG. 18 is an enlarged view of the encircled area 18 of FIG.
15;
FIG. 19 is an exploded front perspective view thereof,
showing one section of an 8-well strip being separated;
FIG. 20 is a front perspective view of a divisible multi-well
plate according to another embodiment;
FIG. 21 is a front view thereof;
FIG. 22 is a rear view thereof;
FIG. 23 is a right side view thereof;
FIG. 24 is left side view thereof;
FIG. 25 is a top view thereof;
FIG. 26 is a bottom view thereof;
FIG. 27 is an enlarged view of the encircled area 27 of FIG.
21;
FIG. 28 is an enlarged view of the encircled area 28 of FIG.
25;
FIG. 29 is an exploded front perspective view thereof,
showing one section of an 8-well strip being separated;
FIG. 30 is a front perspective view of one section of the
8-well strip of the divisible multi-well plate shown in FIG.
19;
FIG. 31 is a front view thereof;
FIG. 32 is a rear view thereof;
FIG. 33 is a right side view thereof;
FIG. 34 is a left side view thereof;
FIG. 35 is a top view thereof; and,
FIG. 36 is a bottom view thereof.

(Continued)



The broken lines represent portions of the divisible multi-well plate that form no part of the claimed design; the broken lines form no part of the claimed design.

1 Claim, 35 Drawing Sheets

(58) Field of Classification Search

CPC ... G01N 35/00029; G01N 2035/00108; G01N 2035/00138; G01N 2035/00148; G01N 2035/00158; B01L 2300/0816; B01L 2300/0819; B01L 2300/0822; B01L 2300/0825; B01L 2300/0829; B01L 2300/0836; B01L 2300/0867; B01L 3/5027

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D608,013	S *	1/2010	Coulling		D24/224
D841,832	S *	2/2019	Houkal		D24/229
D848,638	S *	5/2019	Sims		D24/226
2013/0029343	A1	1/2013	Day et al.		
2013/0237443	A1 *	9/2013	Knebel		B01J 19/0046 506/9

* cited by examiner

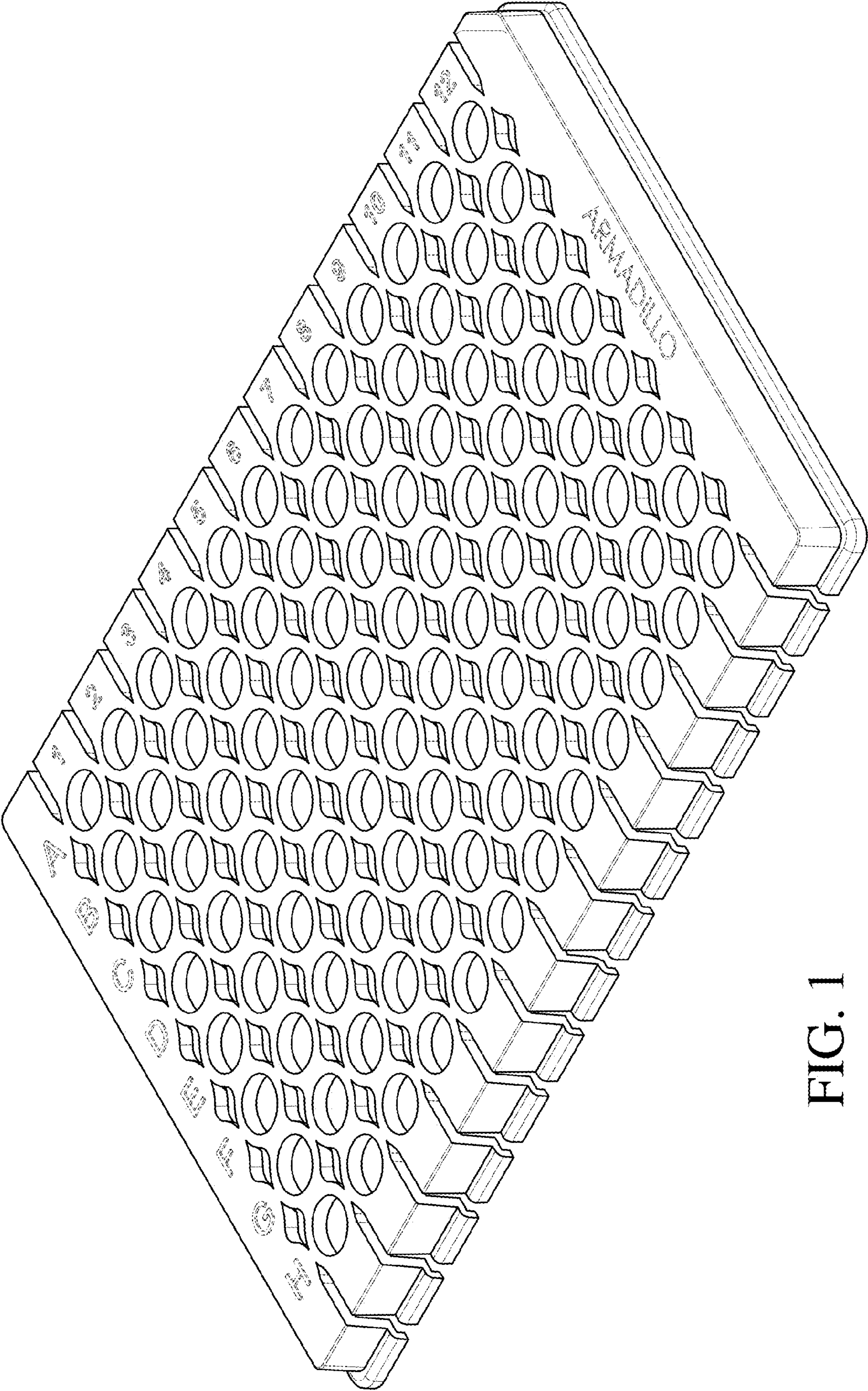


FIG. 1

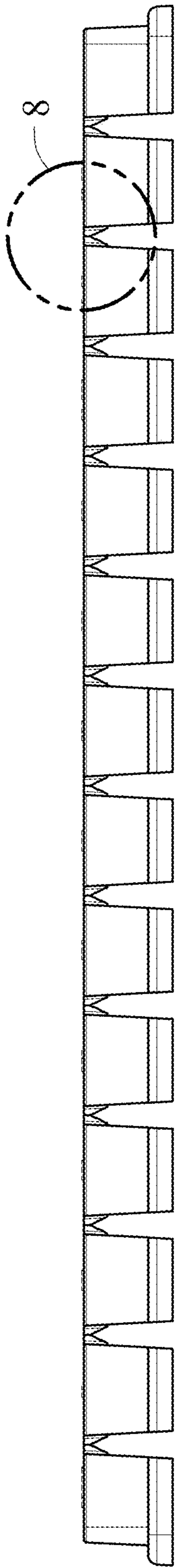


FIG. 2

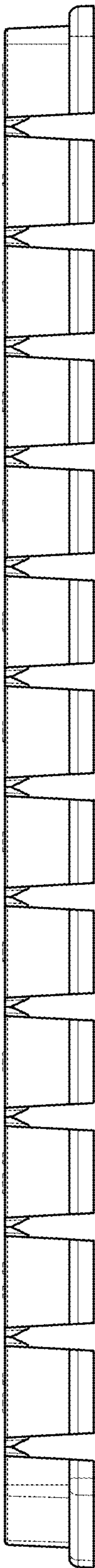


FIG. 3

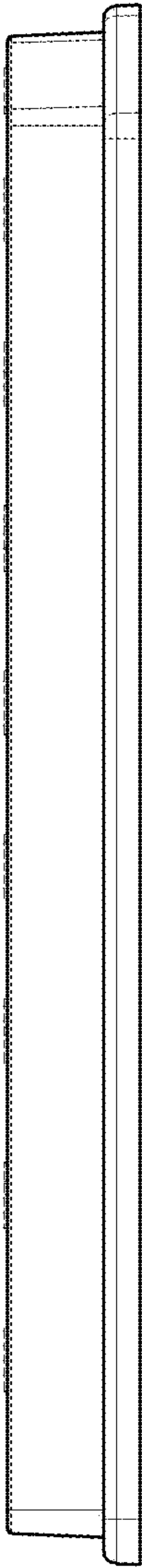


FIG. 4

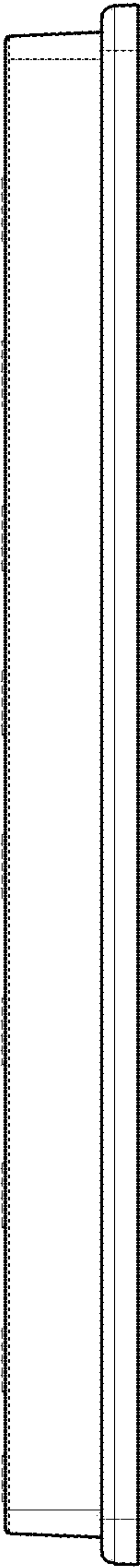


FIG. 5

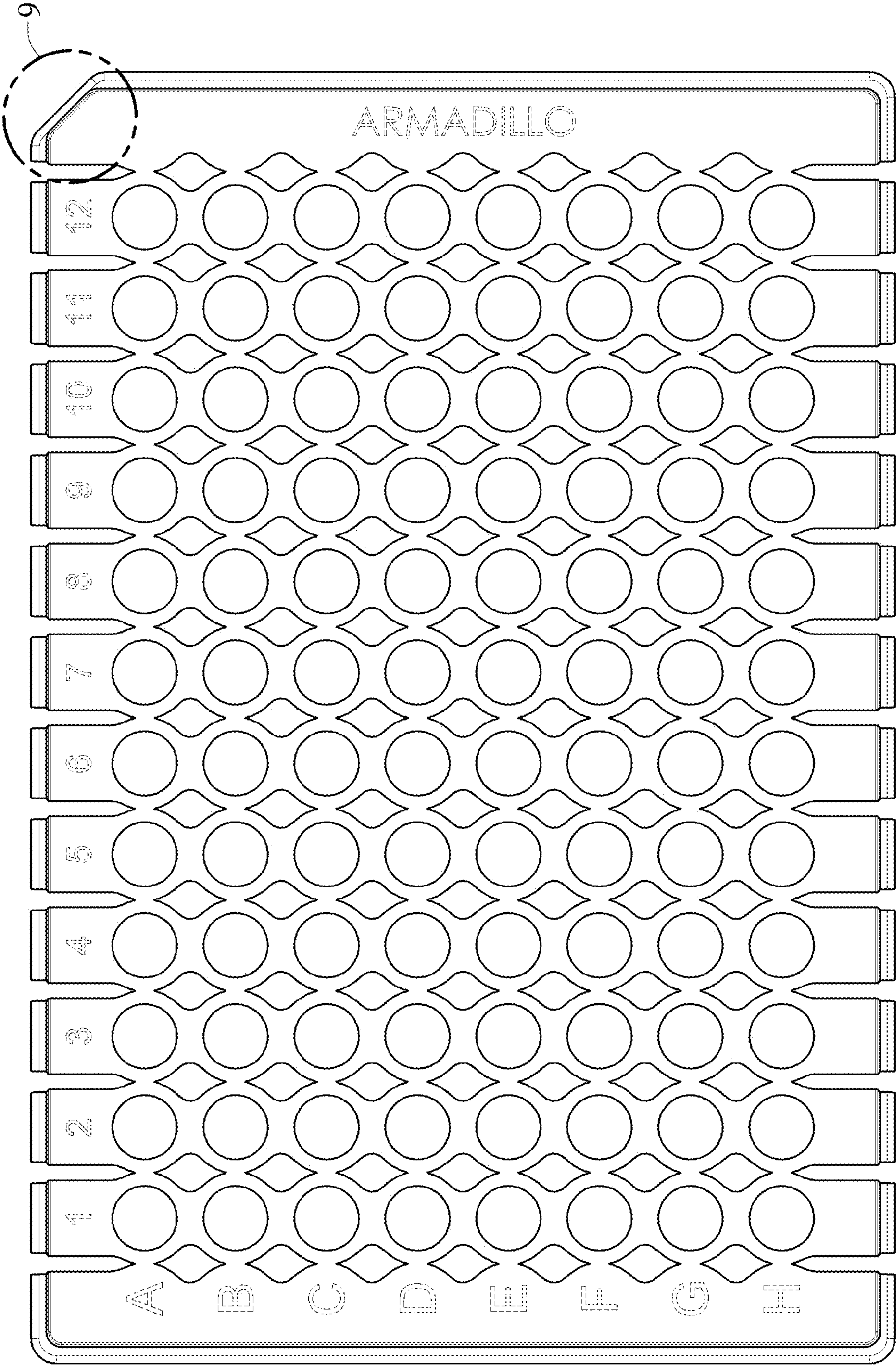


FIG. 6

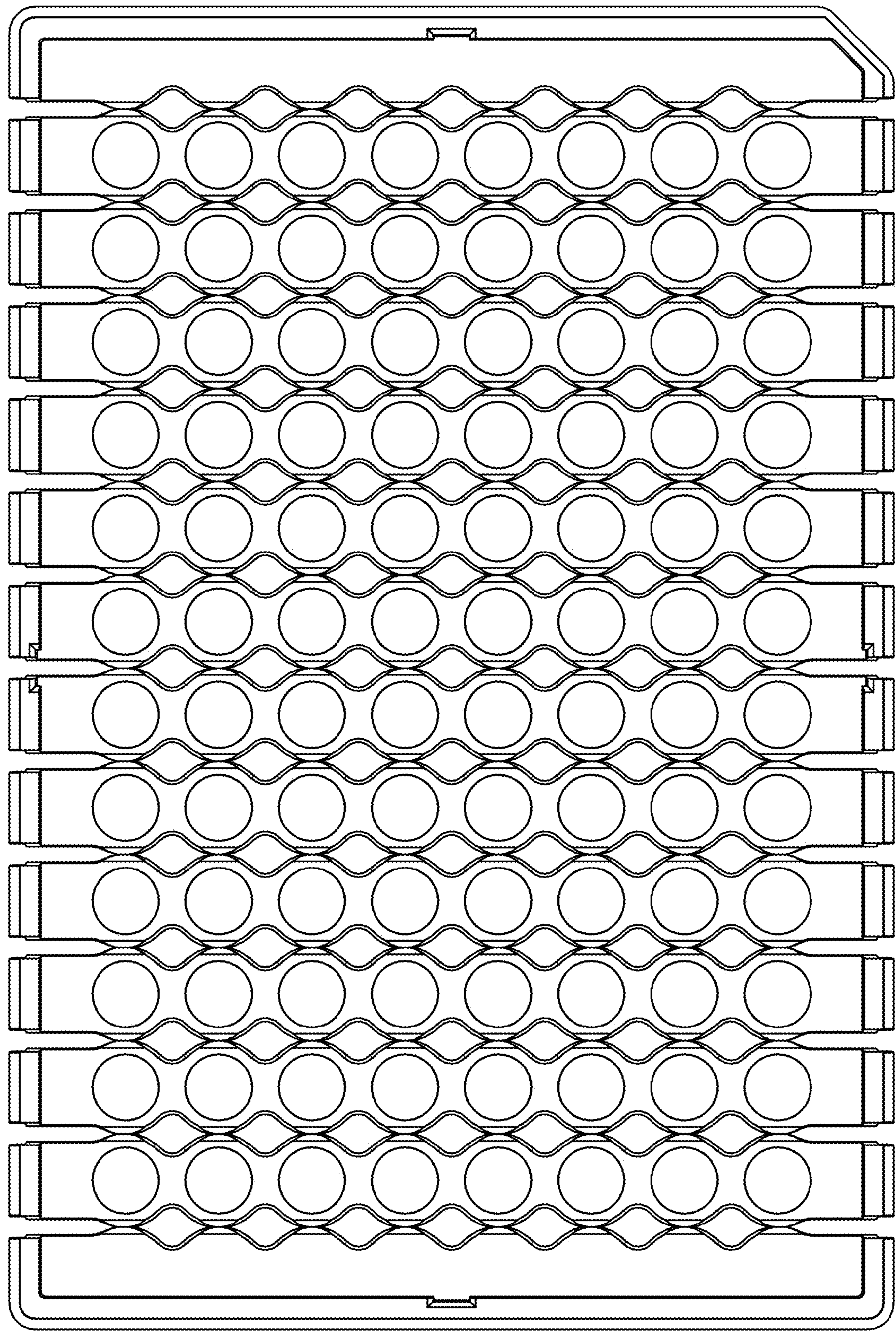


FIG. 7

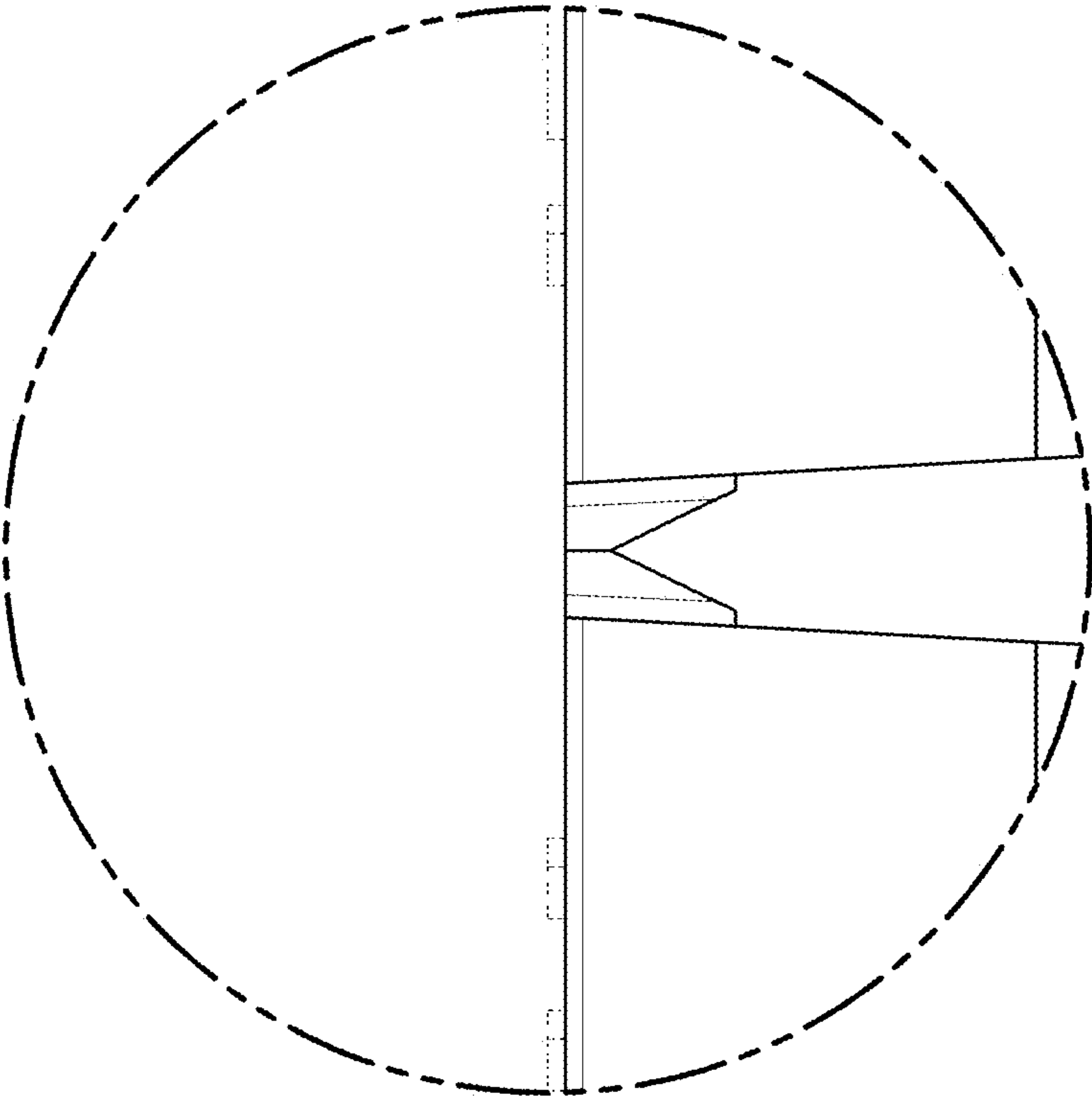


FIG. 8

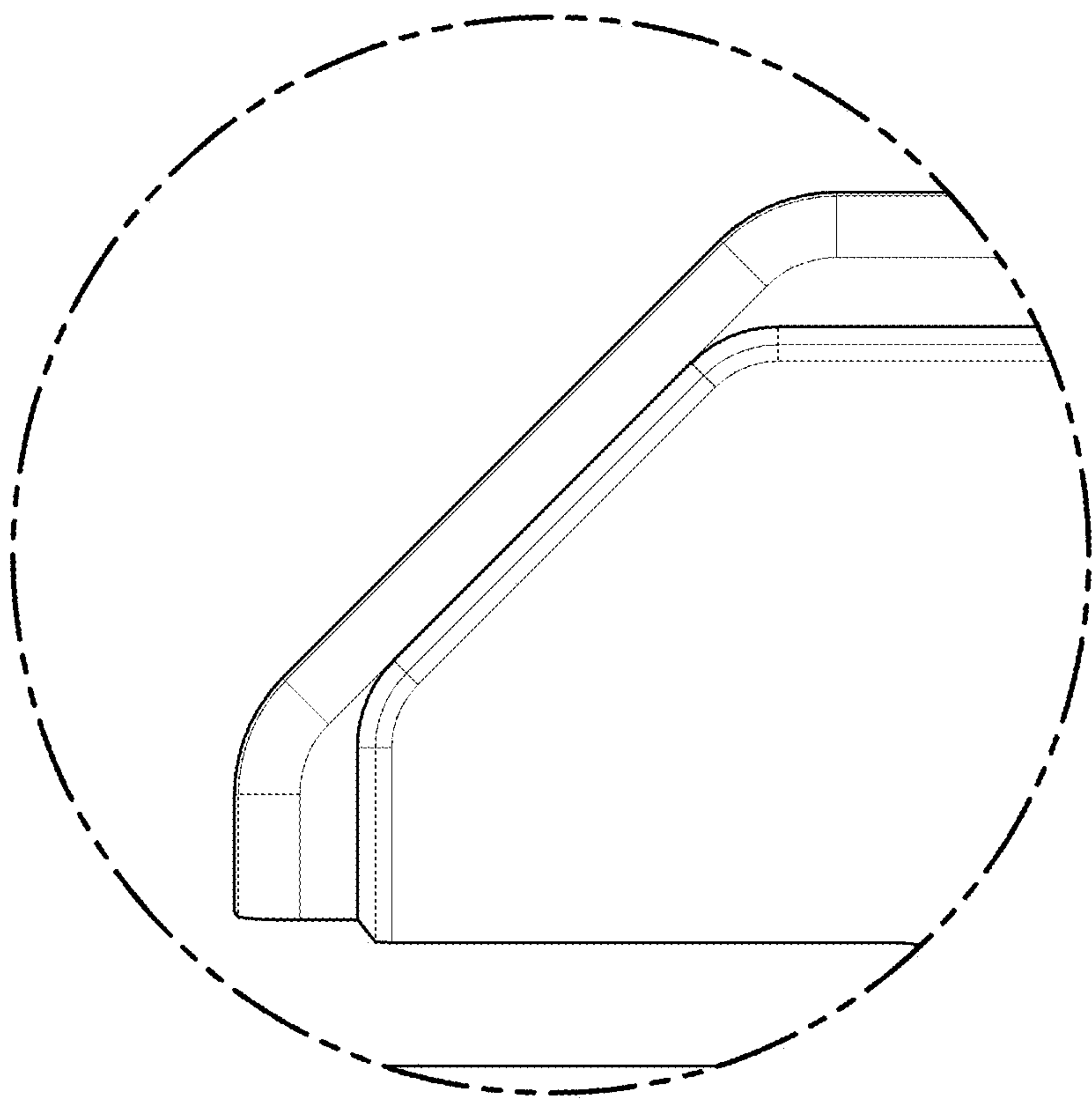


FIG. 9

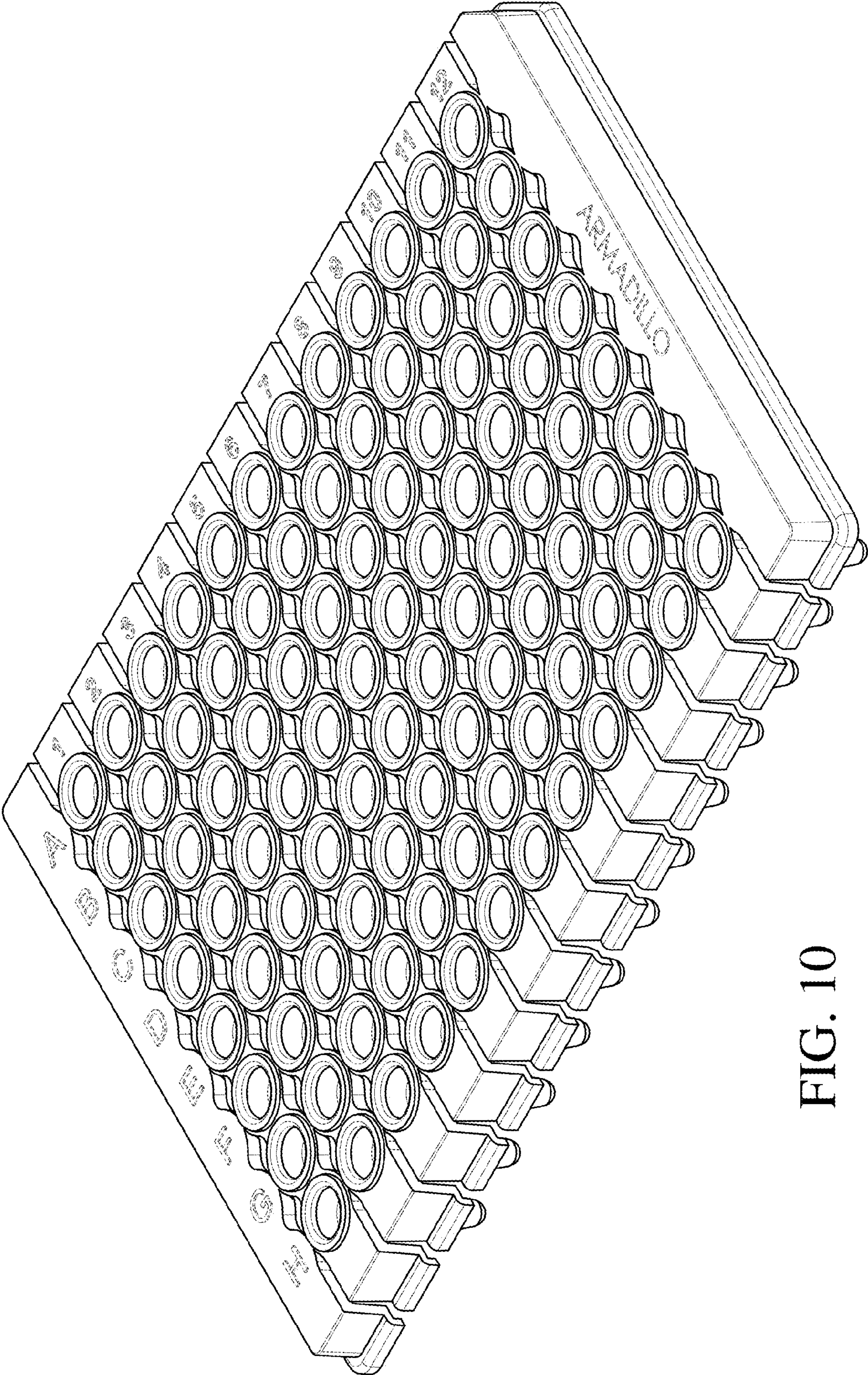


FIG. 10

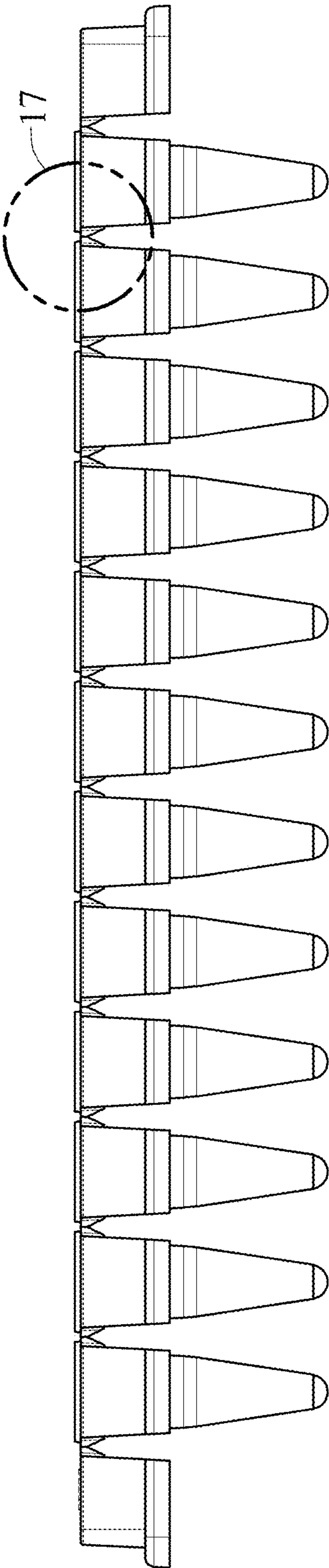


FIG. 11

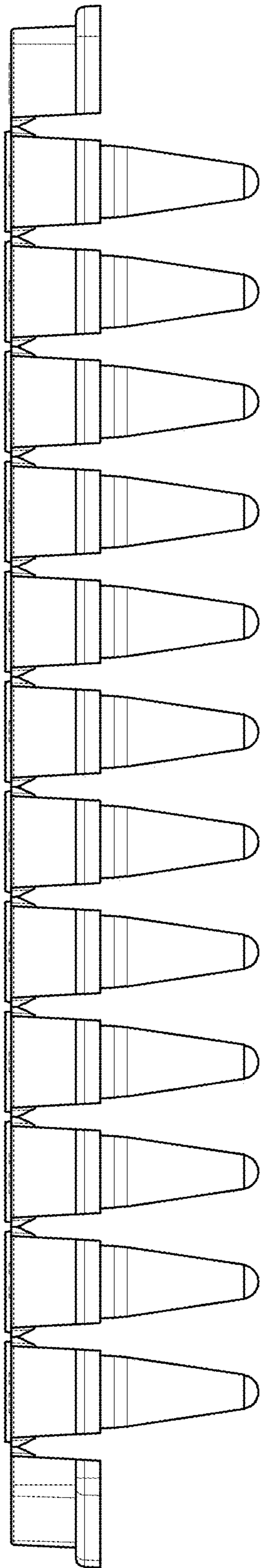


FIG. 12

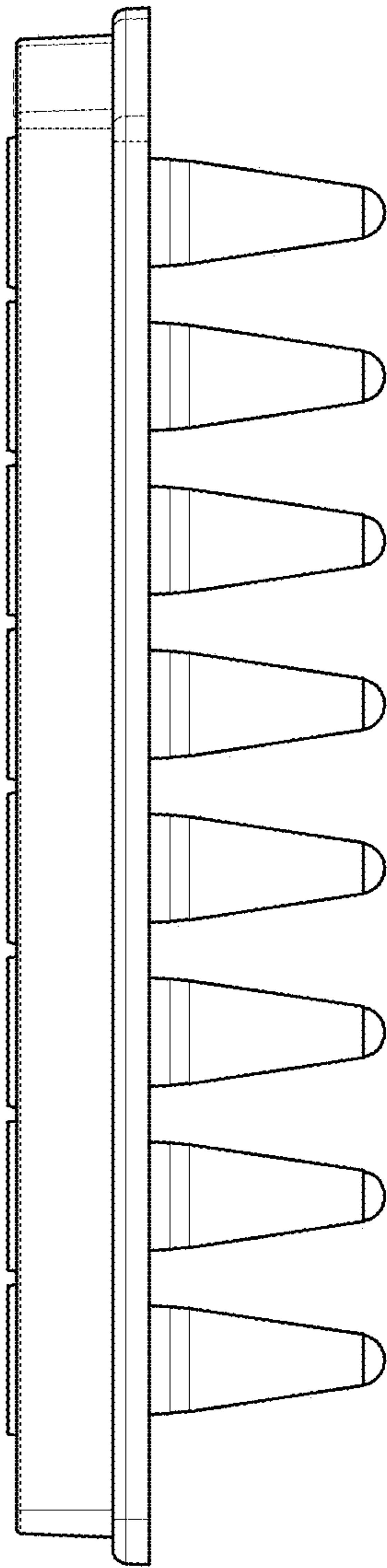


FIG. 13

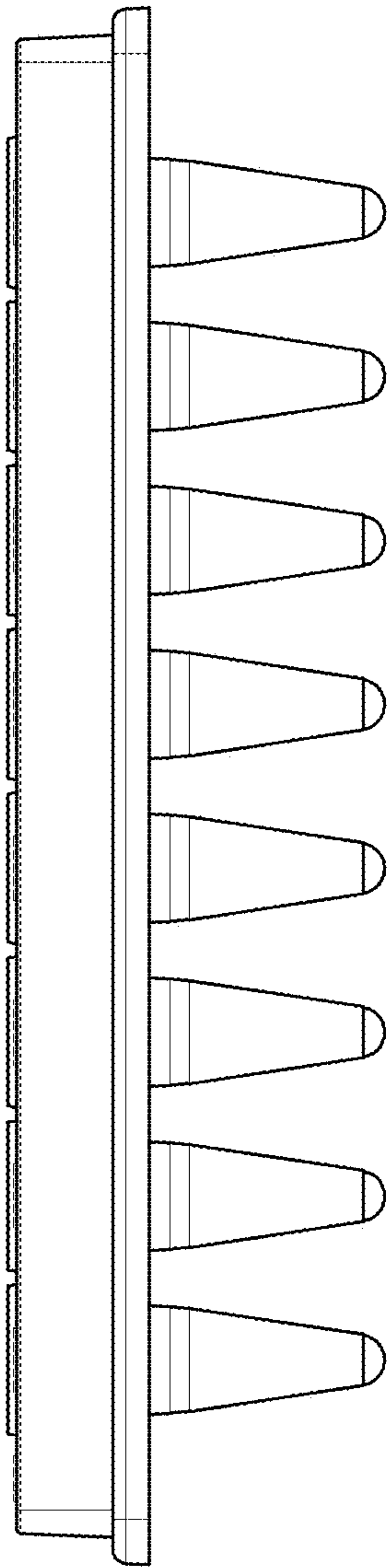


FIG. 14

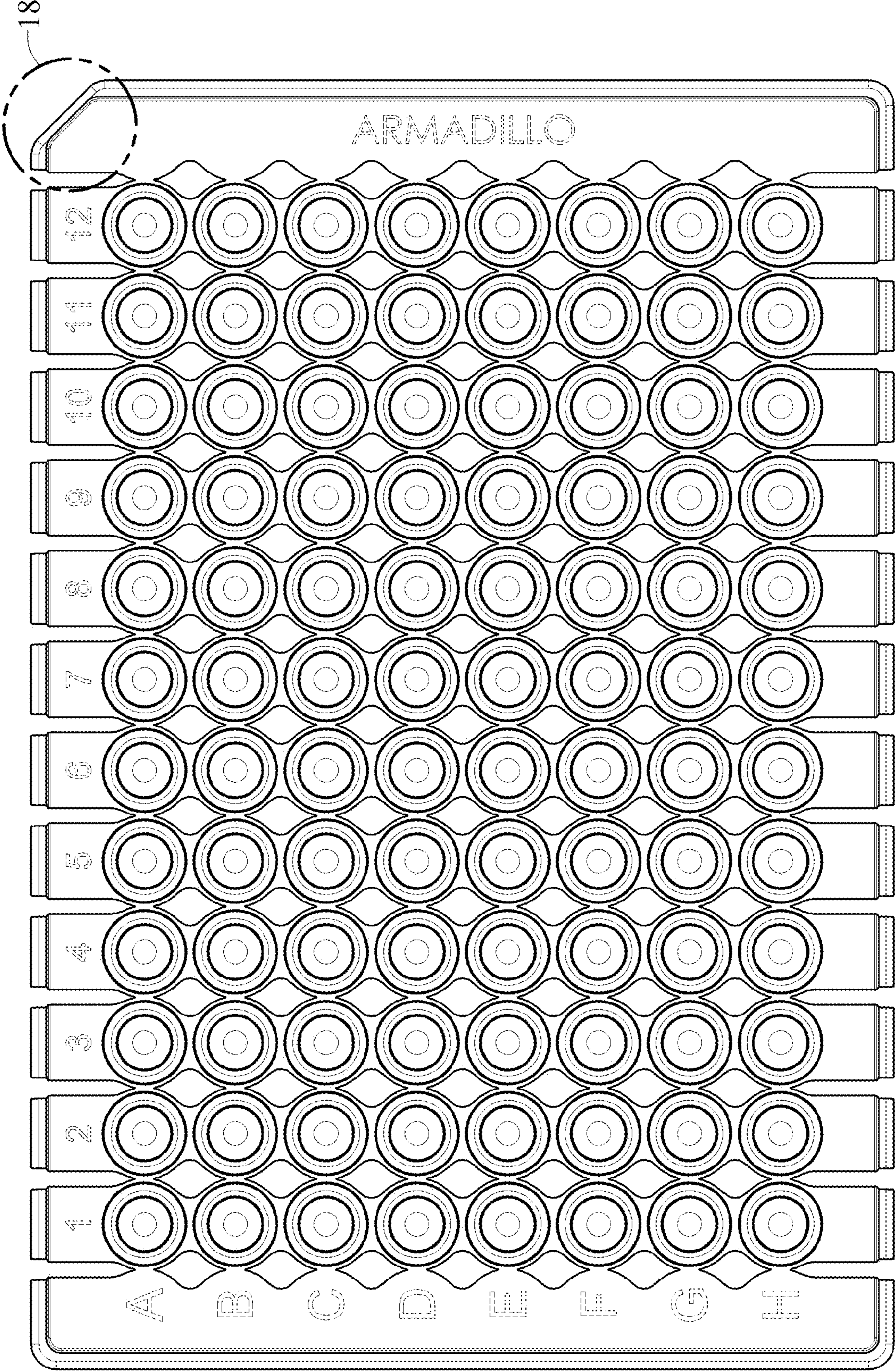


FIG. 15

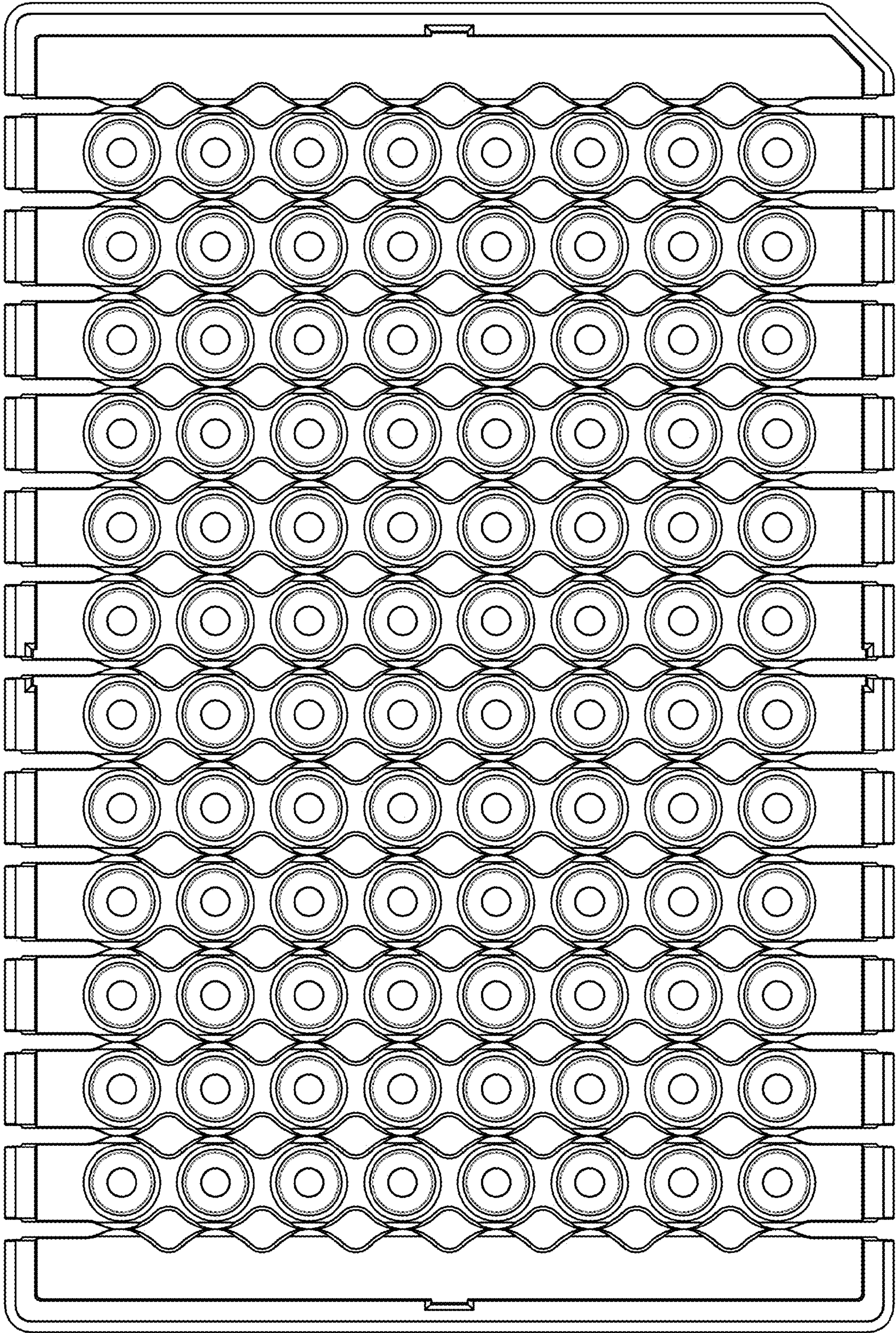


FIG. 16

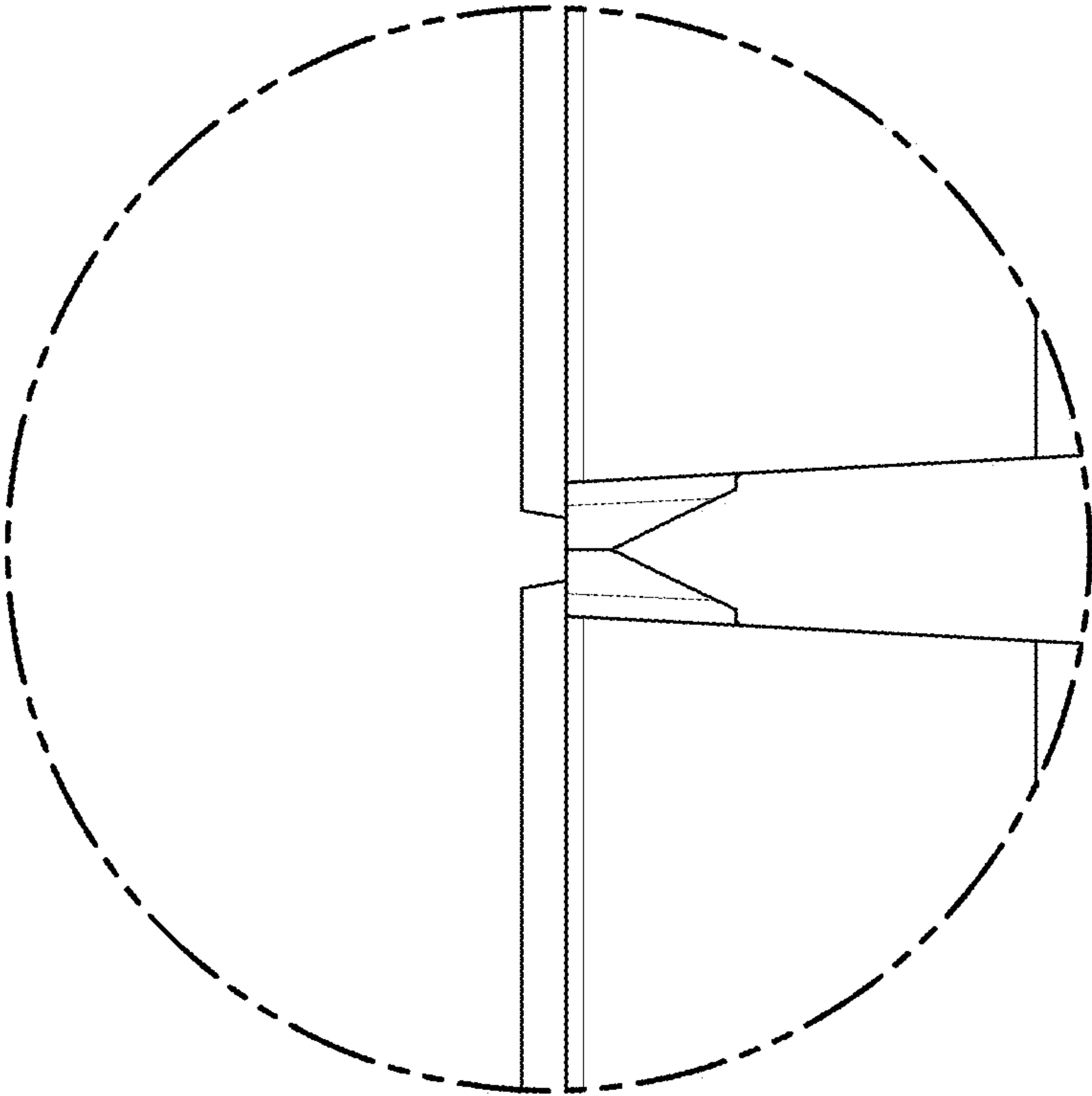


FIG. 17

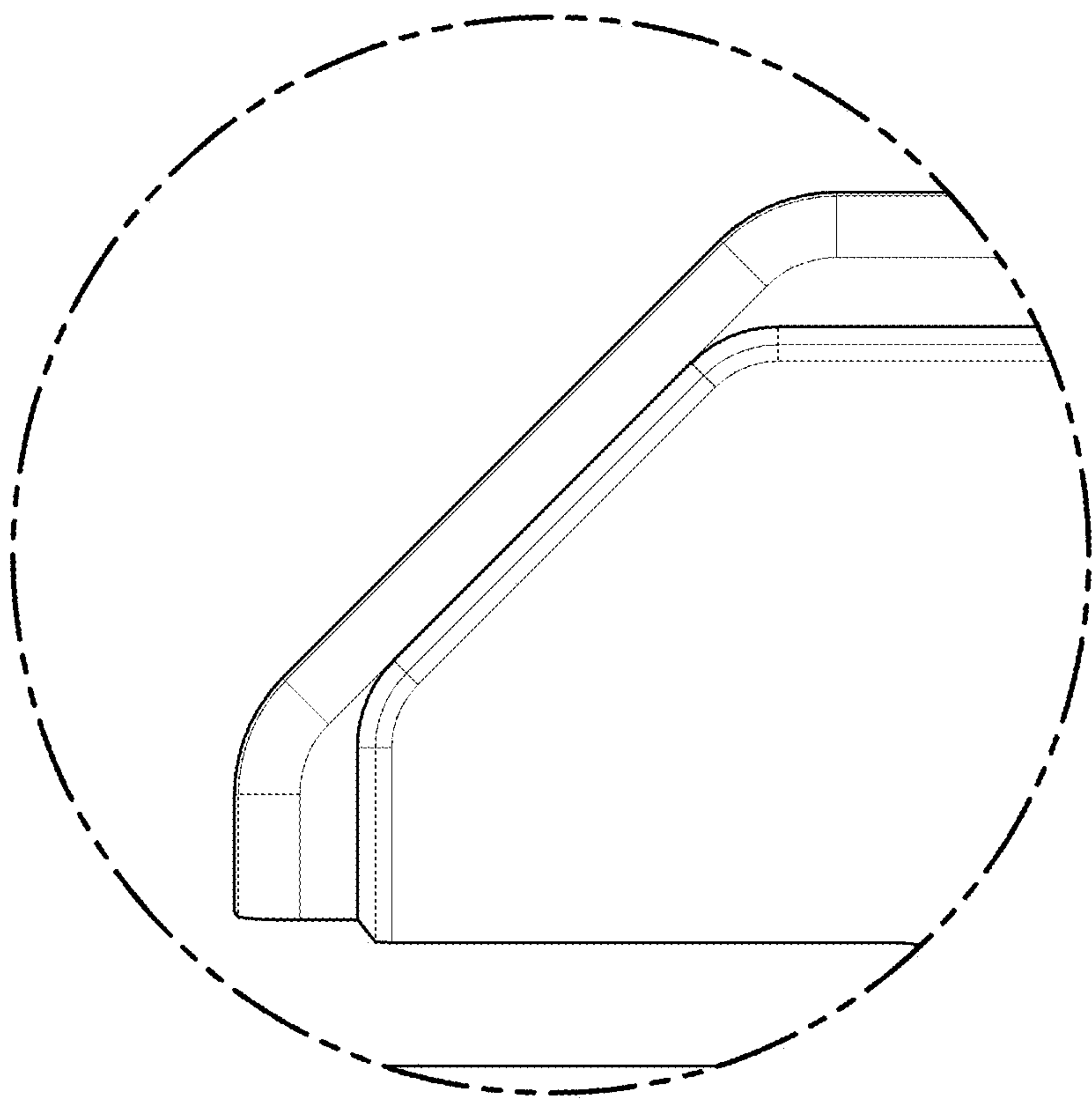


FIG. 18

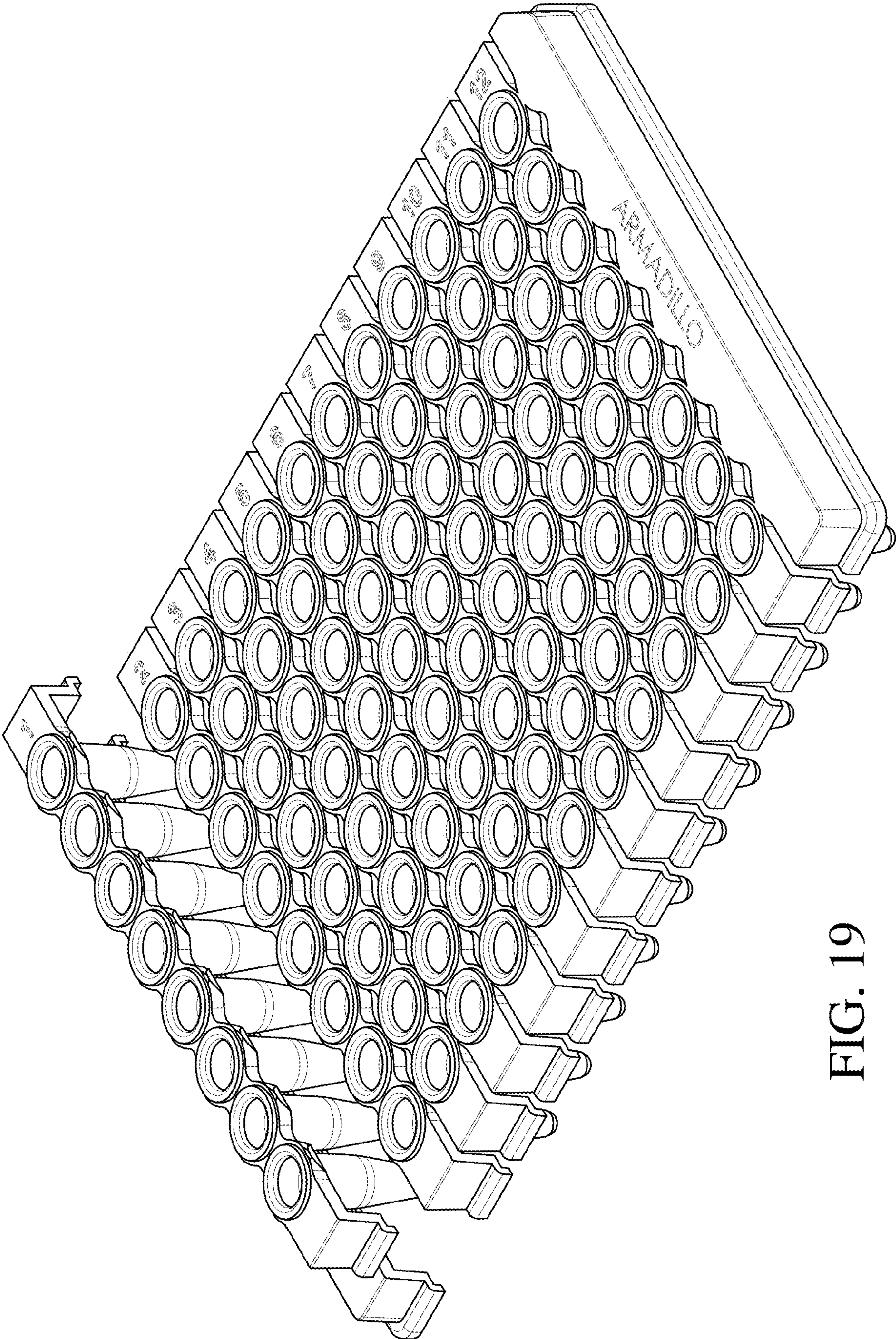


FIG. 19

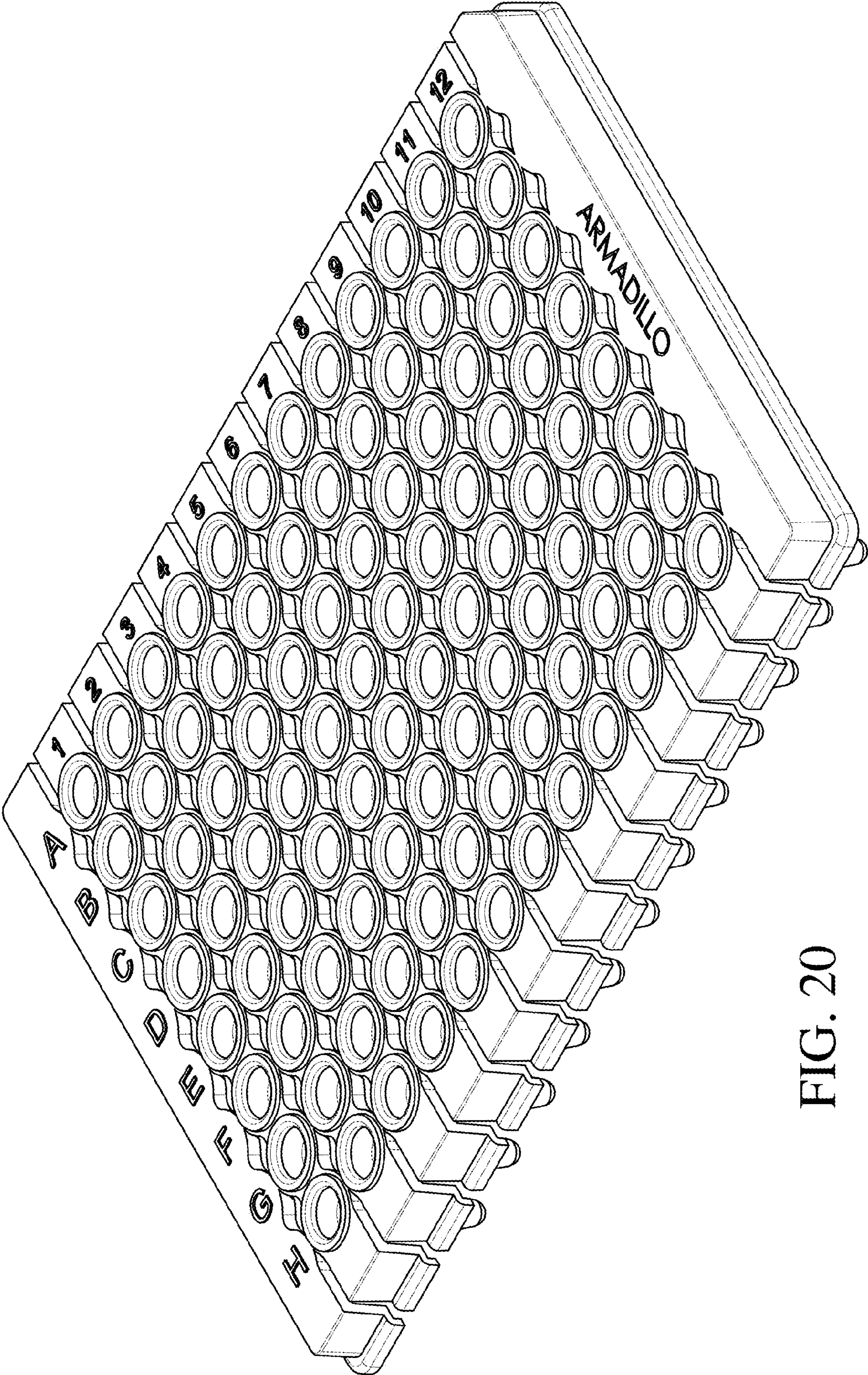


FIG. 20

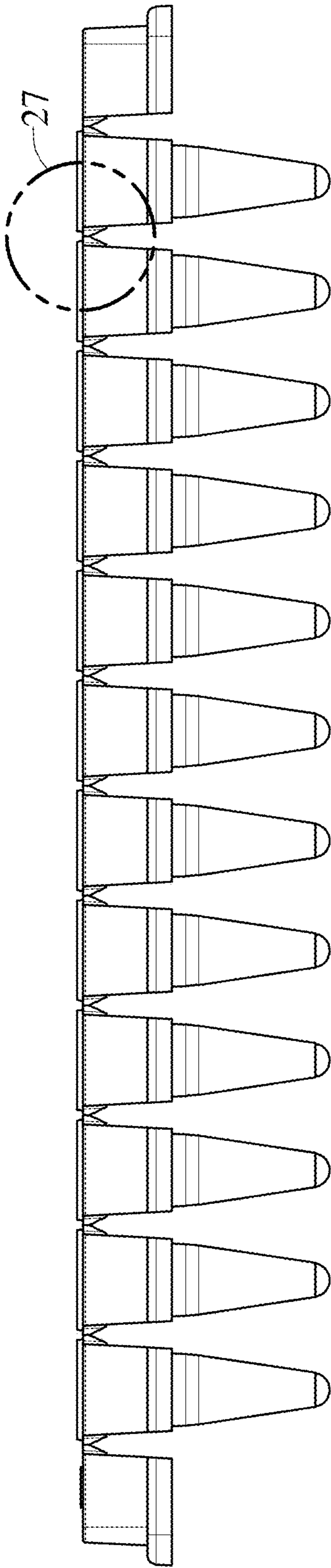


FIG. 21

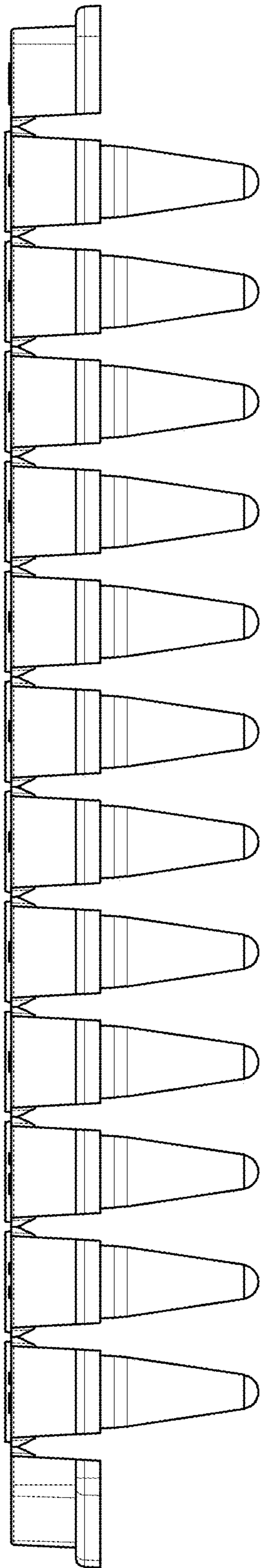


FIG. 22

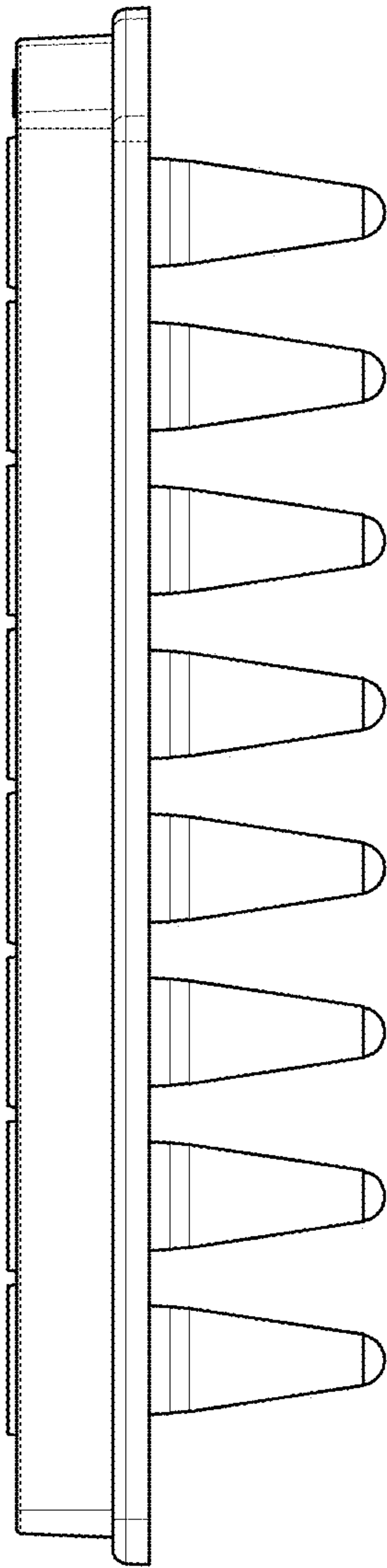


FIG. 23

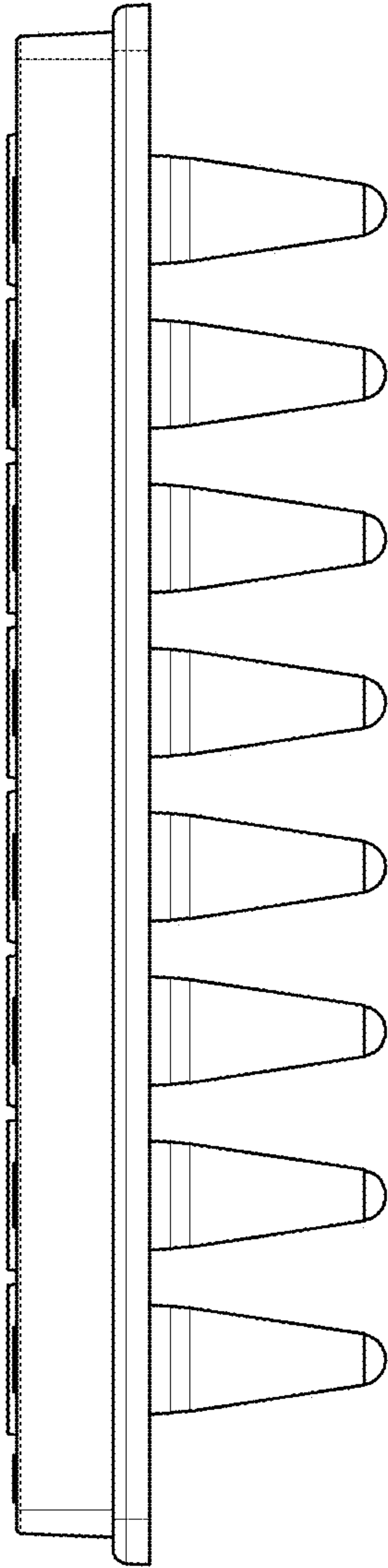


FIG. 24

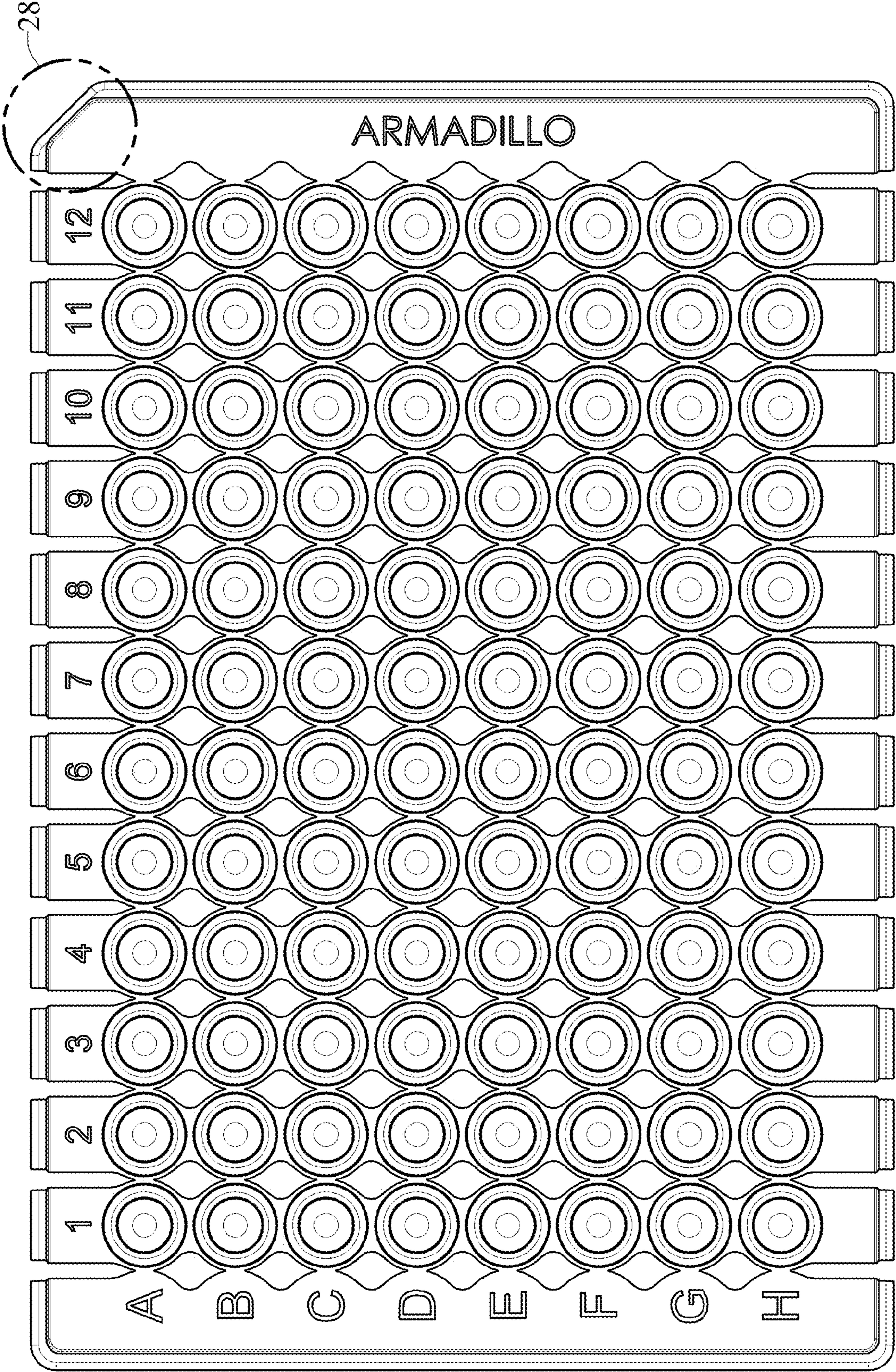


FIG. 25

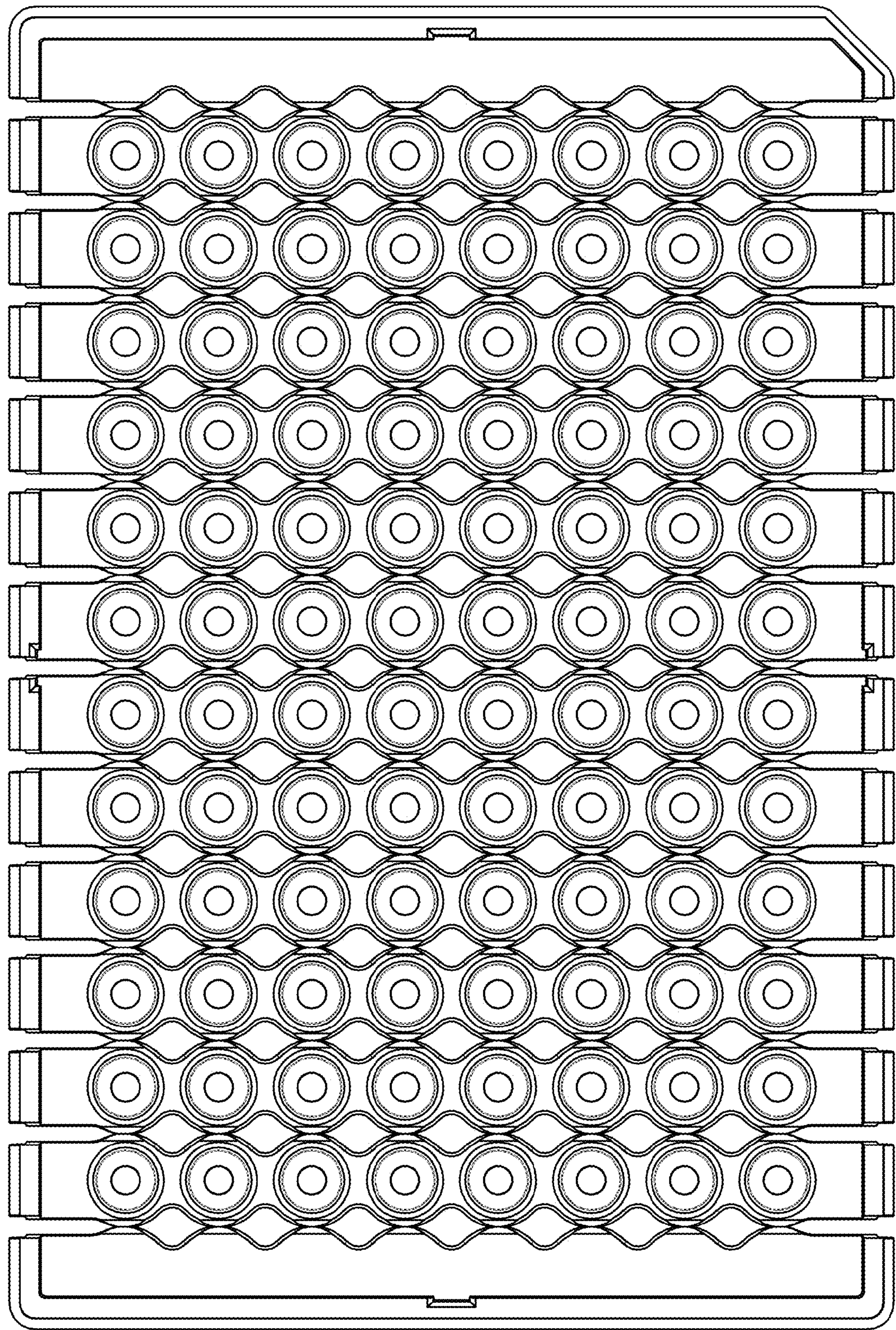


FIG. 26

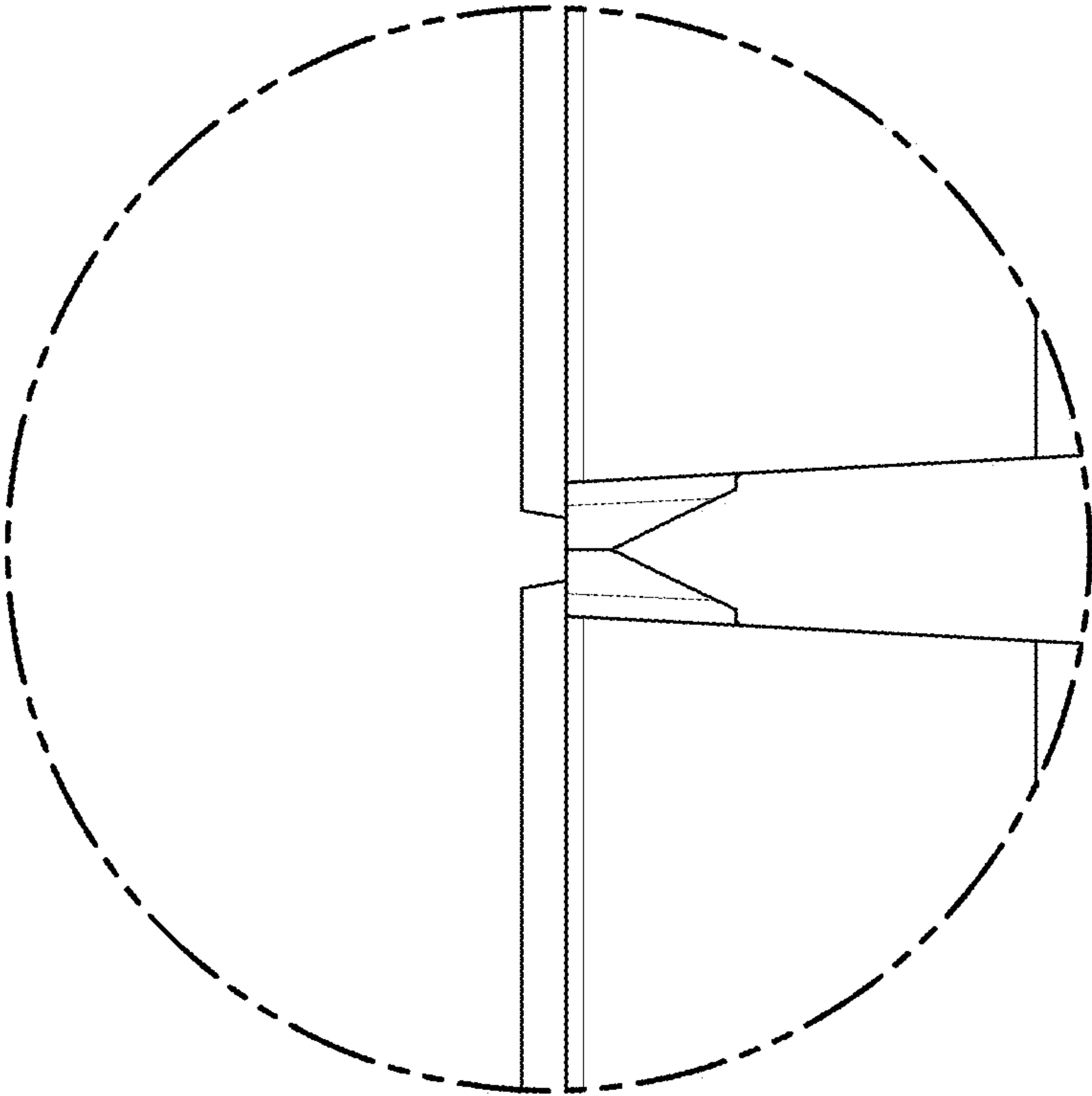


FIG. 27

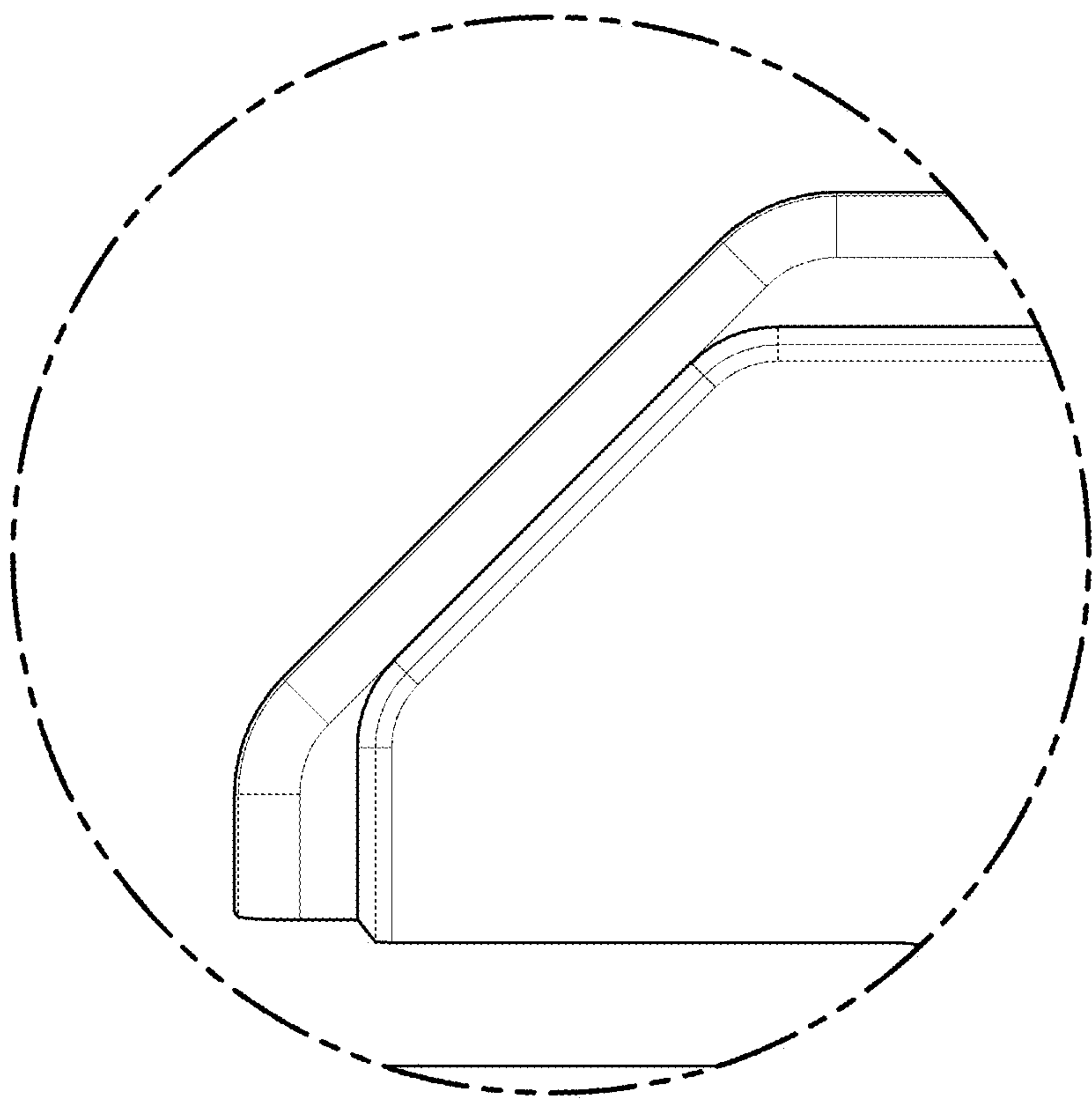


FIG. 28

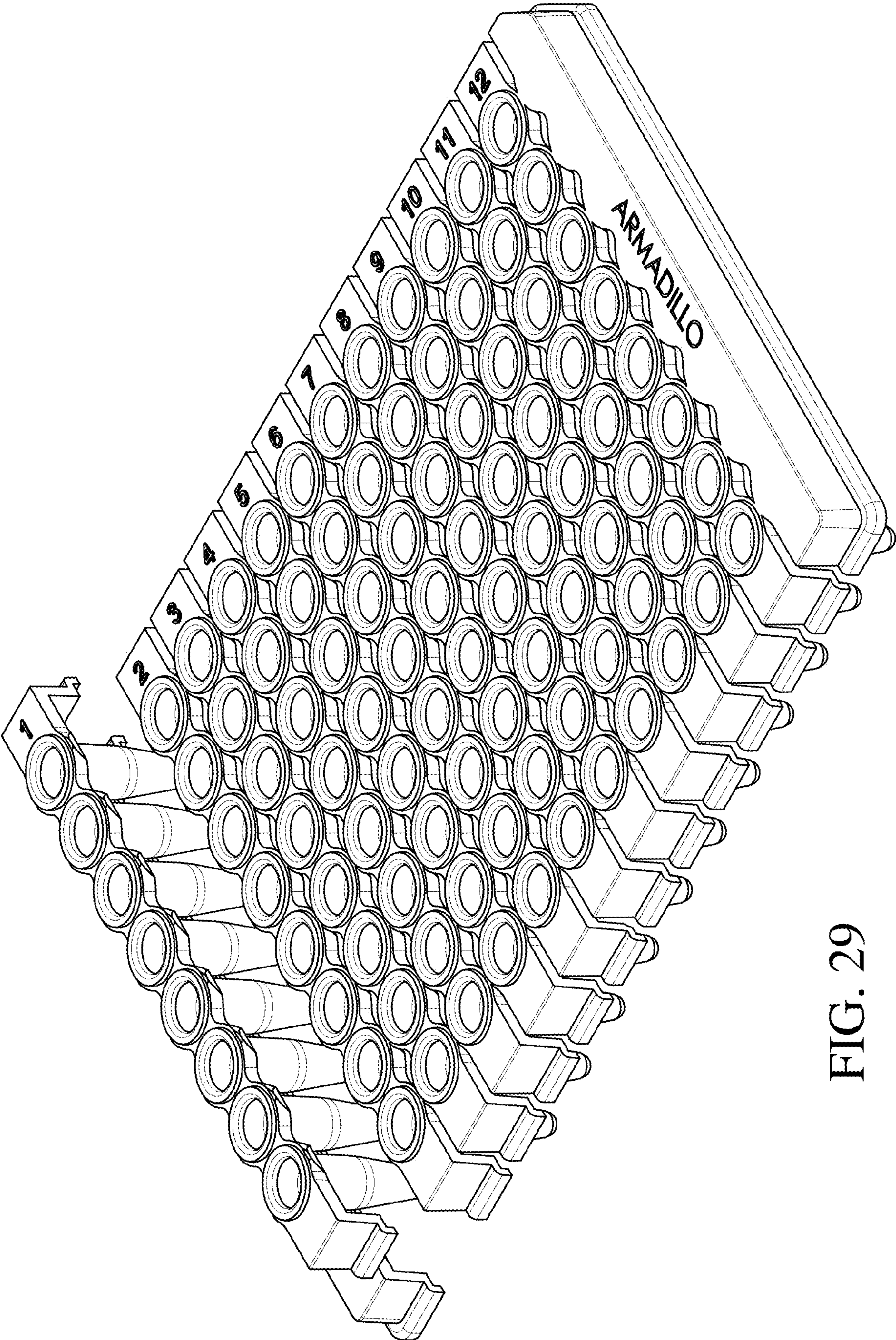


FIG. 29

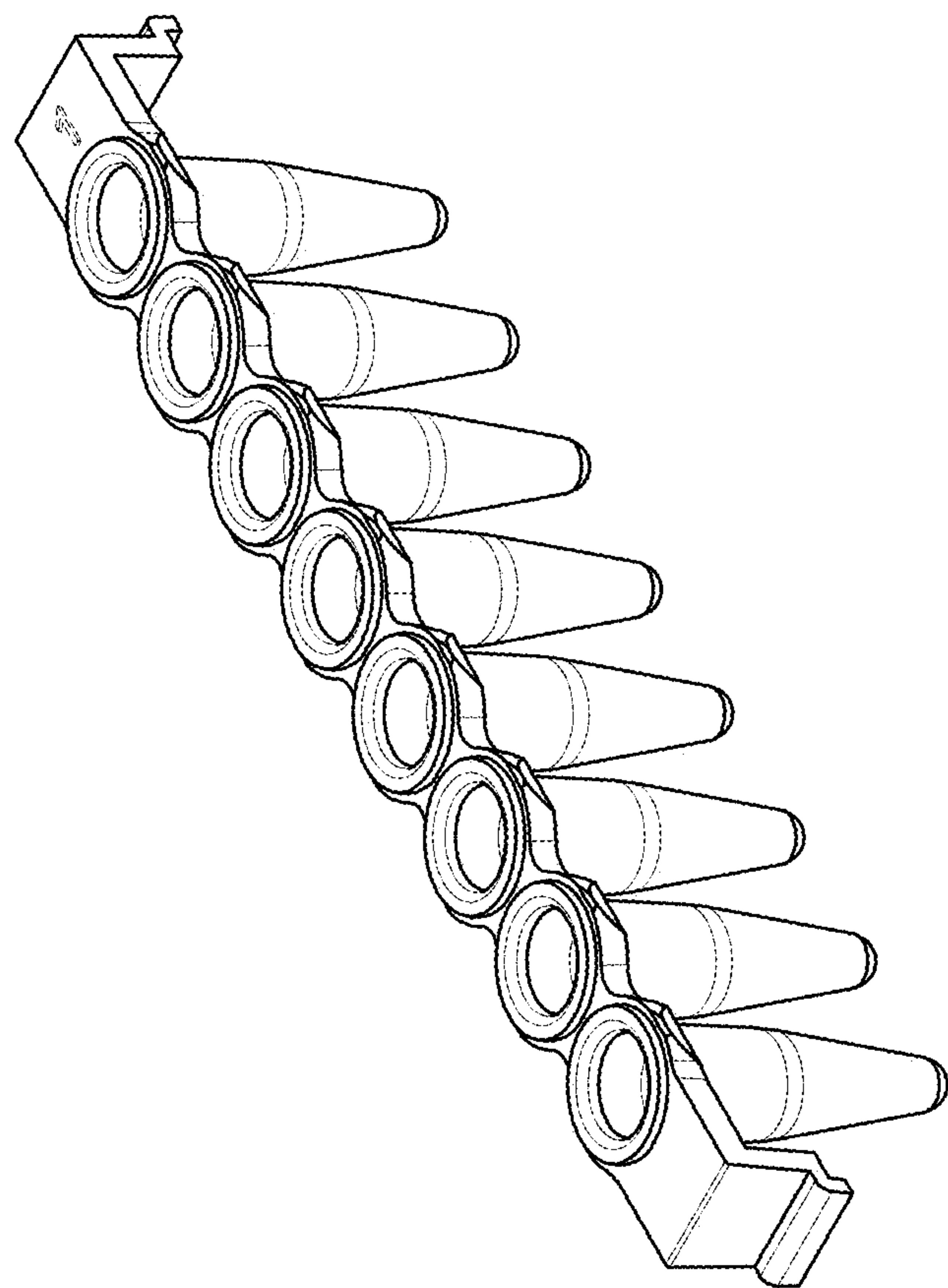


FIG. 30

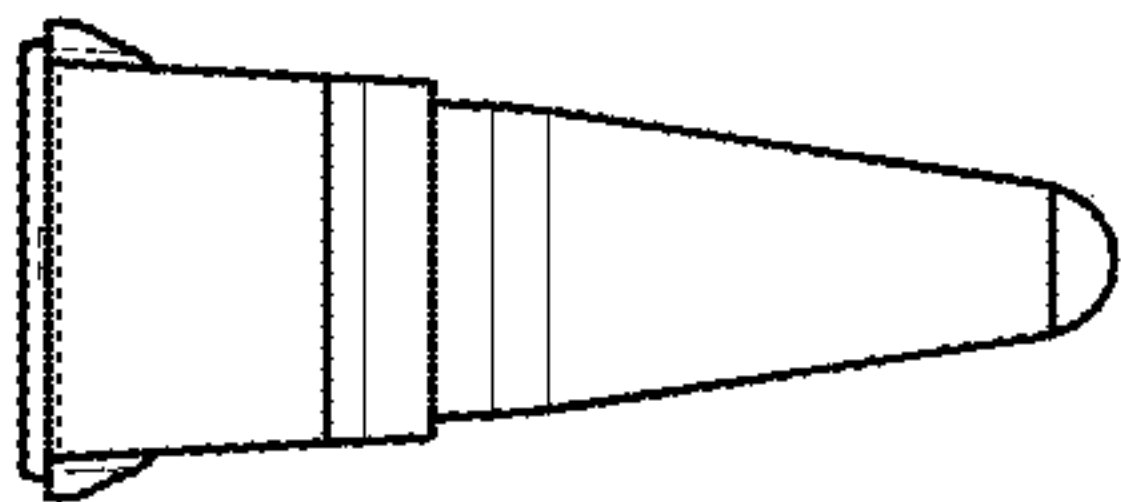


FIG. 31

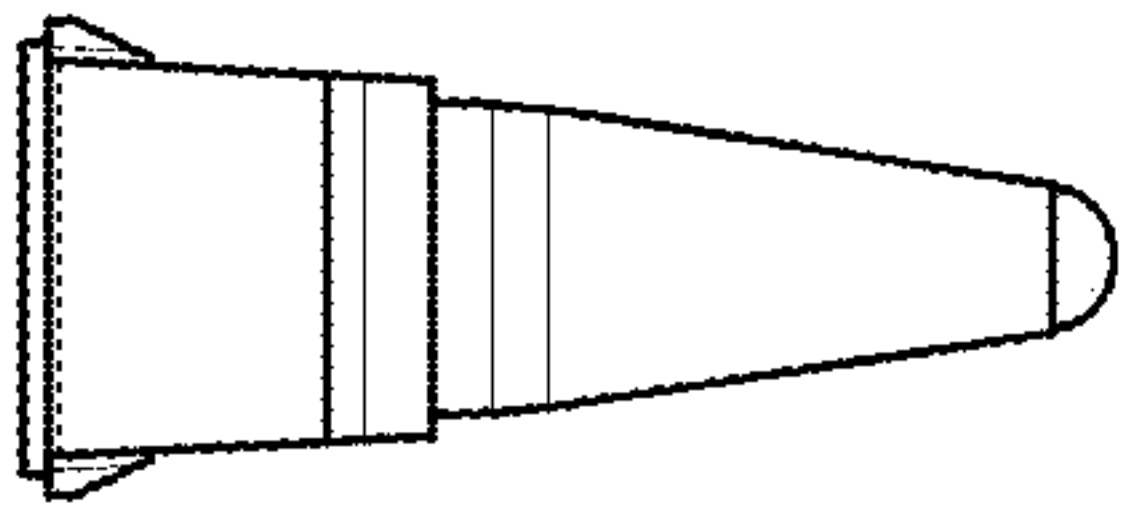


FIG. 32

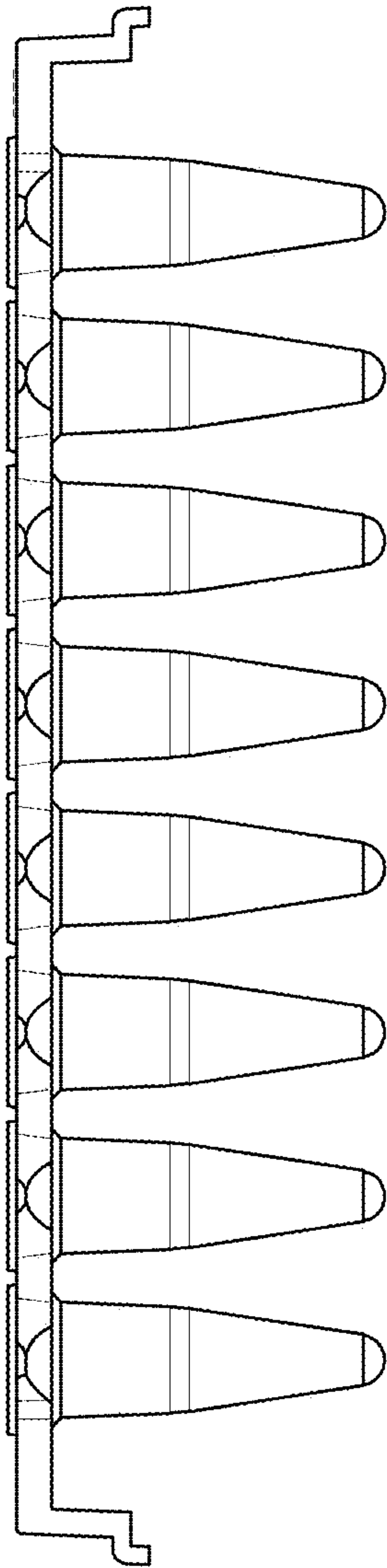


FIG. 33

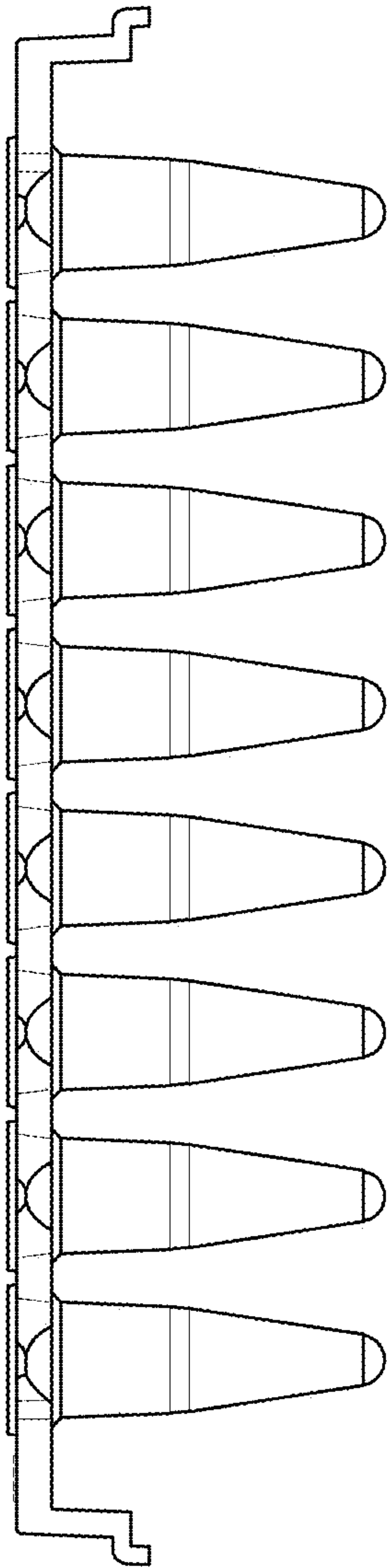


FIG. 34

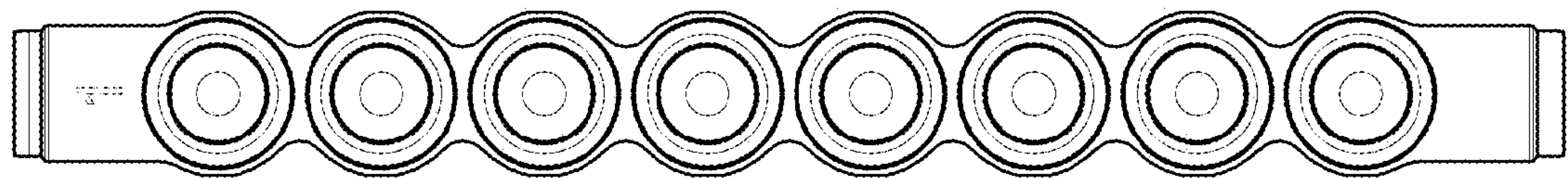


FIG. 35

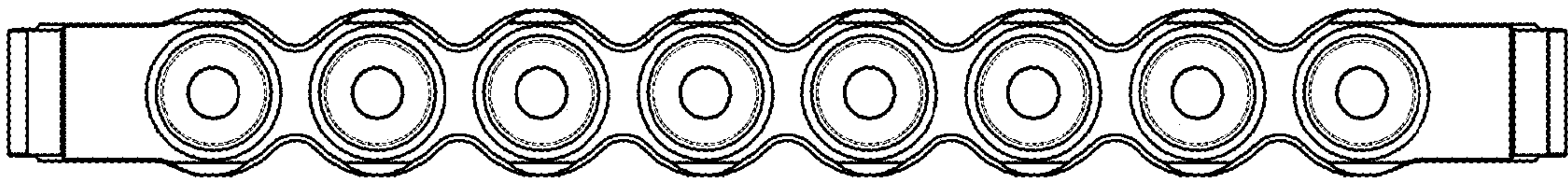


FIG. 36