



US00D846441S

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

(10) **Patent No.:** **US D846,441 S**

(45) **Date of Patent:** **** Apr. 23, 2019**

- (54) **DRONE**
- (71) Applicant: **Samsung Electronics Co., Ltd.**,
Suwon-si (KR)
- (72) Inventor: **Minsoo Kim**, Seoul (KR)
- (73) Assignee: **SAMSUNG ELECTRONICS CO., LTD.**,
Suwon-si (KR)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/600,880**
- (22) Filed: **Apr. 17, 2017**
- (30) **Foreign Application Priority Data**

D569,332 S *	5/2008	Brunner	.....	D12/325
D634,257 S *	3/2011	Alexander	.....	D12/326
D648,809 S *	11/2011	Seydoux	.....	D21/441
D659,771 S *	5/2012	Seydoux	.....	D21/441
8,214,088 B2 *	7/2012	Lefebure	.....	A63H 27/12 244/189
8,662,438 B2 *	3/2014	Savoie	.....	A63H 27/12 244/17.11
D708,272 S *	7/2014	Schmelter	.....	D12/16.1
8,991,740 B2 *	3/2015	Olm	.....	B60F 5/02 244/2
D740,201 S *	10/2015	Wang	.....	D12/326
D747,775 S *	1/2016	Colin	.....	D12/16.1
D751,025 S *	3/2016	Howell	.....	D12/16.1
D761,690 S *	7/2016	Friesmuth	.....	D12/16.1
9,529,086 B2 *	12/2016	Taoka	.....	G01N 15/06
D776,569 S *	1/2017	Baruchin	.....	D12/16.1
D776,570 S *	1/2017	Baruchin	.....	D12/16.1
D787,372 S *	5/2017	Ketcher	.....	D12/16.1

(Continued)

- Oct. 18, 2016 (KR) 30-2016-0049827
- (51) **LOC (11) Cl.** **12-07**
- (52) **U.S. Cl.**
USPC **D12/16.1; D21/443**
- (58) **Field of Classification Search**
USPC D12/16.1, 319, 325, 326, 327, 328,
D12/329-345; D21/436, 441, 442, 443,
D21/444, 445-453
CPC B64C 39/024; B64C 2201/141; B64C
2201/00; B64C 2201/108
See application file for complete search history.

Primary Examiner — Marissa J Cash
(74) *Attorney, Agent, or Firm* — McAndrews Held & Malloy, Ltd.

(57) **CLAIM**

The ornamental design for a drone, as shown and described.

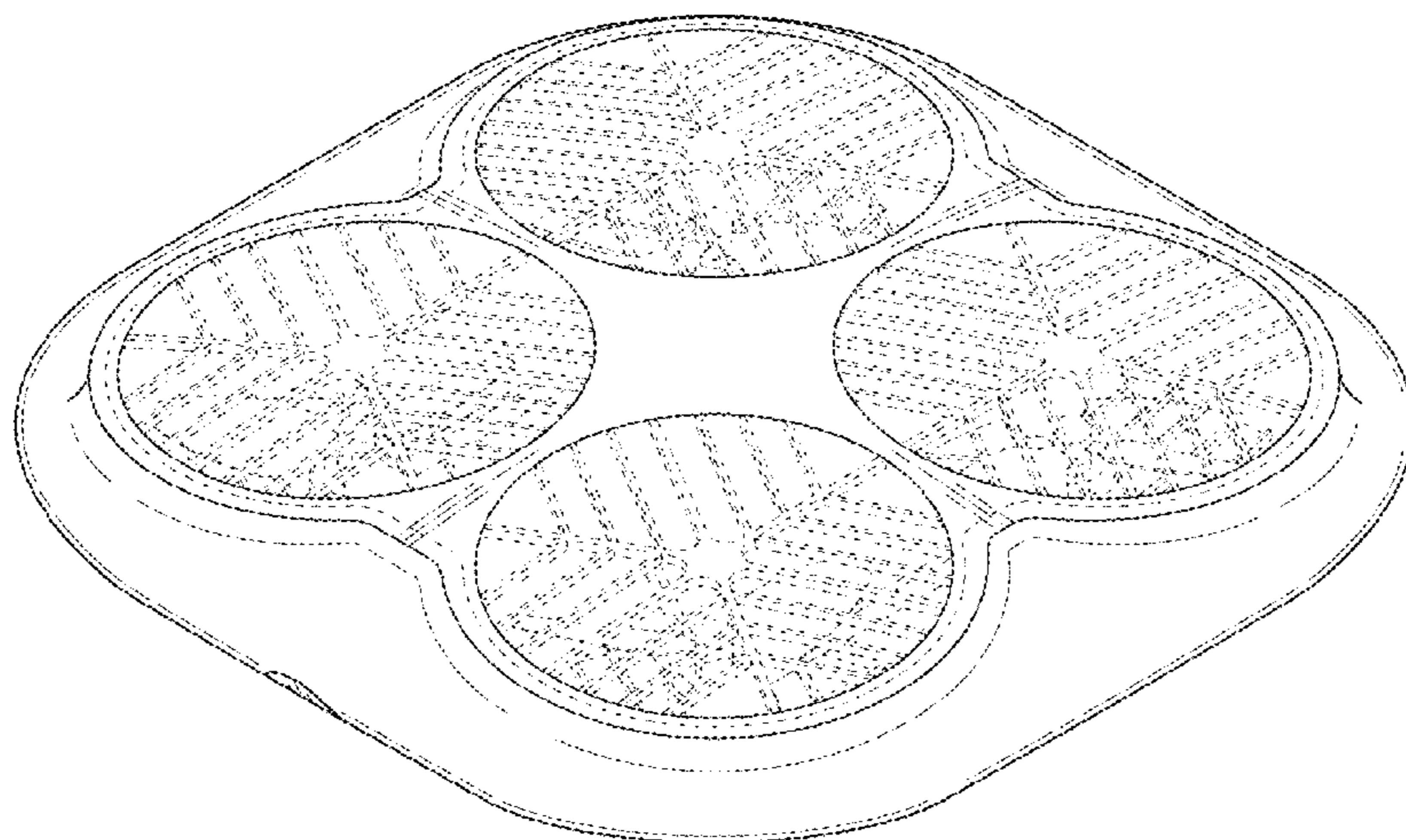
DESCRIPTION

FIG. 1 is a top perspective view of a drone showing my new 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; and,
FIG. 8 is a bottom perspective view thereof.
The broken lines in the drawings illustrate portions of the drone that form no part of the claimed design.

(56) **References Cited**
U.S. PATENT DOCUMENTS

D189,462 S *	12/1960	Vogt	.....	D12/329
D197,447 S *	2/1964	Friedrich	.....	244/12.2
D218,365 S *	8/1970	Sherwood	.....	D12/325
D238,938 S *	2/1976	Mollar	.....	D12/325
D320,378 S *	10/1991	Webster	.....	D12/319
D418,805 S *	1/2000	Cycon	.....	244/12.3
D430,530 S *	9/2000	Milde, Jr.	.....	D12/320
D543,928 S *	6/2007	Sanders, Jr.	.....	B64C 27/12 D12/319

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D789,248 S * 6/2017 Ketcher D12/16.1
 D798,221 S * 9/2017 Kaiser D12/325
 9,802,700 B1 * 10/2017 Essary B64C 39/024
 D808,329 S * 1/2018 Parks D12/328
 9,889,930 B2 * 2/2018 Welsh B64C 39/024
 D815,580 S * 4/2018 Kim D12/325
 D830,228 S * 10/2018 Grassi D12/16.1
 D830,897 S * 10/2018 Choi D12/16.1
 2007/0102565 A1 * 5/2007 Speer B64C 39/024
 244/2
 2007/0105474 A1 * 5/2007 Gotou A63H 27/02
 446/37
 2009/0008510 A1 * 1/2009 Posva B64C 15/14
 244/7 R
 2009/0283629 A1 * 11/2009 Kroetsch A63H 27/12
 244/17.23
 2011/0299732 A1 * 12/2011 Jonchery A63H 27/12
 382/103
 2012/0012692 A1 * 1/2012 Kroo B64C 29/0025
 244/6
 2014/0374532 A1 * 12/2014 Duffy B64C 37/02
 244/2
 2015/0148988 A1 * 5/2015 Fleck G05D 1/0011
 701/2

2015/0346721 A1 * 12/2015 Werner G05D 1/0016
 701/2
 2016/0132057 A1 * 5/2016 Kim B64C 39/024
 701/2
 2016/0200415 A1 * 7/2016 Cooper A63H 27/12
 244/17.15
 2016/0291445 A1 * 10/2016 Fisher, Sr. G03B 15/006
 2016/0378105 A1 * 12/2016 Tanigawa B08B 5/04
 134/18
 2017/0032587 A1 * 2/2017 Cheatham, III G07C 5/008
 2017/0053674 A1 * 2/2017 Fisher H04N 21/84
 2017/0113800 A1 * 4/2017 Freeman B64C 39/024
 2017/0123417 A1 * 5/2017 Gil G05D 1/0038
 2017/0152060 A1 * 6/2017 Morisawa B64D 47/08
 2017/0166309 A1 * 6/2017 Sekiya B64D 11/062
 2017/0193707 A1 * 7/2017 Seiler G06T 19/006
 2017/0197713 A1 * 7/2017 Borman A47L 5/12
 2017/0205826 A1 * 7/2017 Smith G05D 1/0094
 2017/0225782 A1 * 8/2017 Kohstall B64C 39/024
 2017/0225783 A1 * 8/2017 Fisher B64C 39/024
 2017/0313439 A1 * 11/2017 Holt B64D 45/08
 2017/0313441 A1 * 11/2017 Tsai B64C 39/024
 2017/0316701 A1 * 11/2017 Gil B64C 39/024
 2017/0323257 A1 * 11/2017 Cheatham, III ... G06Q 10/0832
 2017/0336806 A1 * 11/2017 Blanc-Paques G05D 1/042
 2017/0374277 A1 * 12/2017 Dobashi B64C 39/024
 2018/0009549 A1 * 1/2018 Sullivan B64F 1/22
 2018/0111684 A1 * 4/2018 Namgoong B64C 39/024

* cited by examiner

FIG. 1

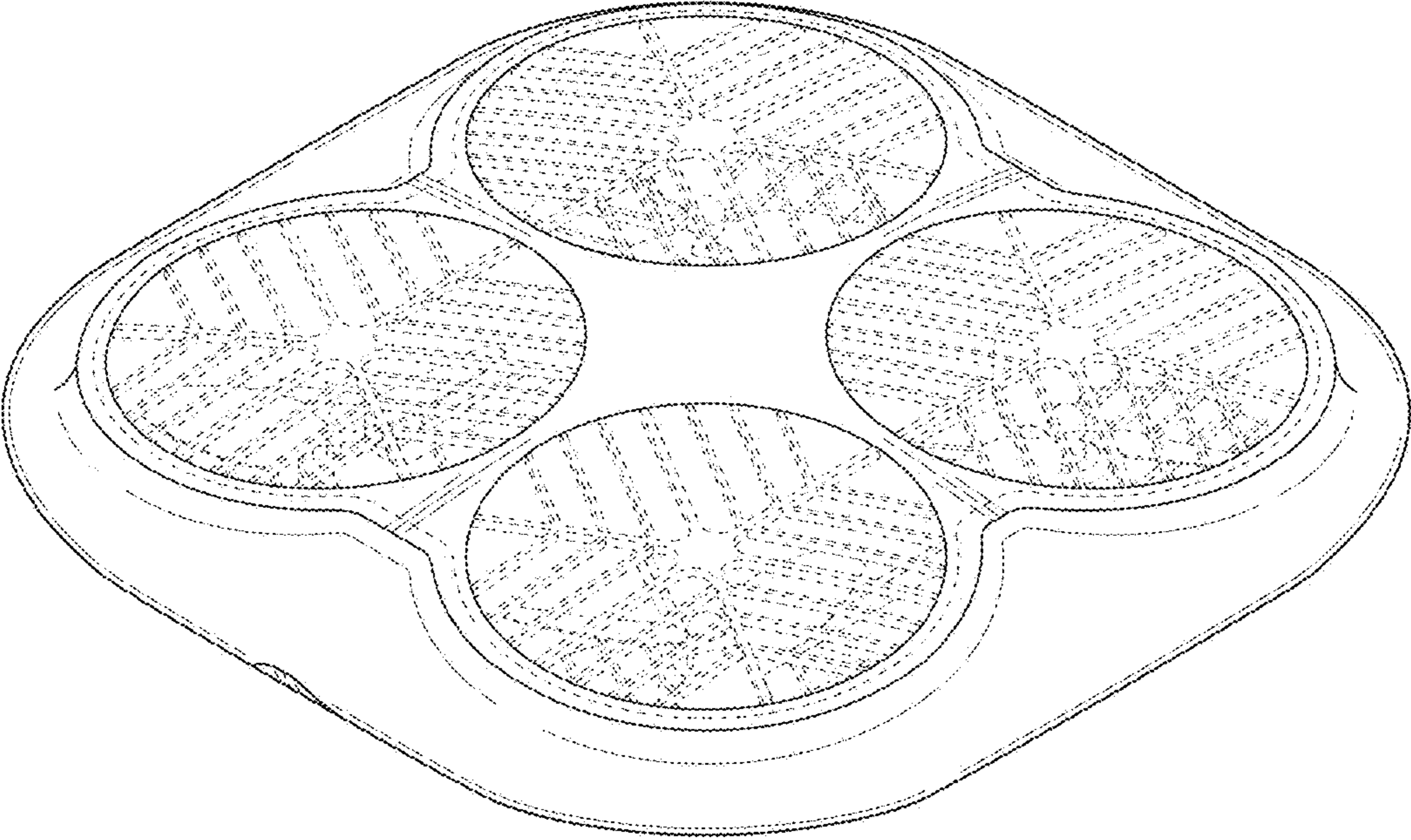


FIG.2

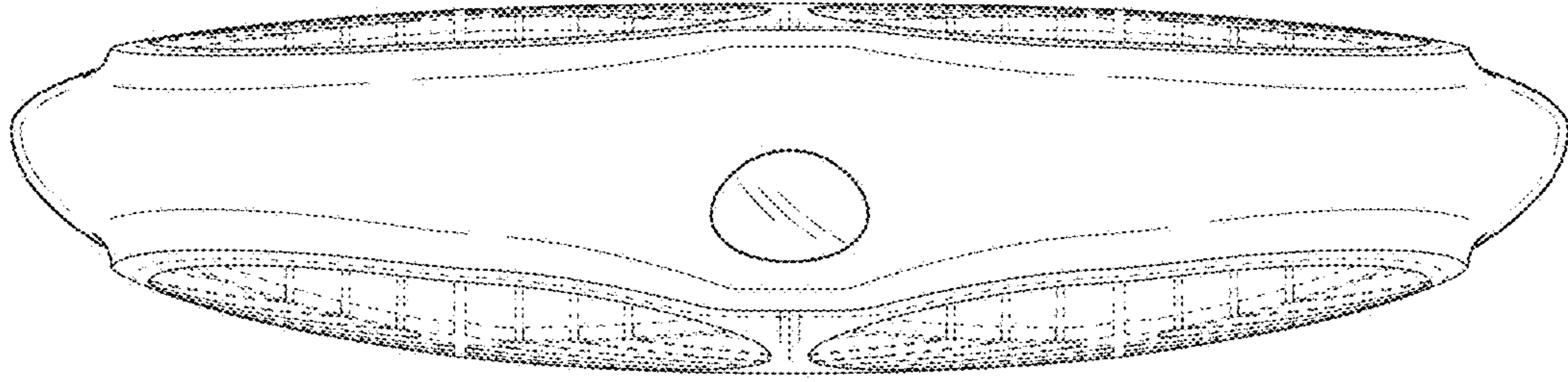


FIG.3

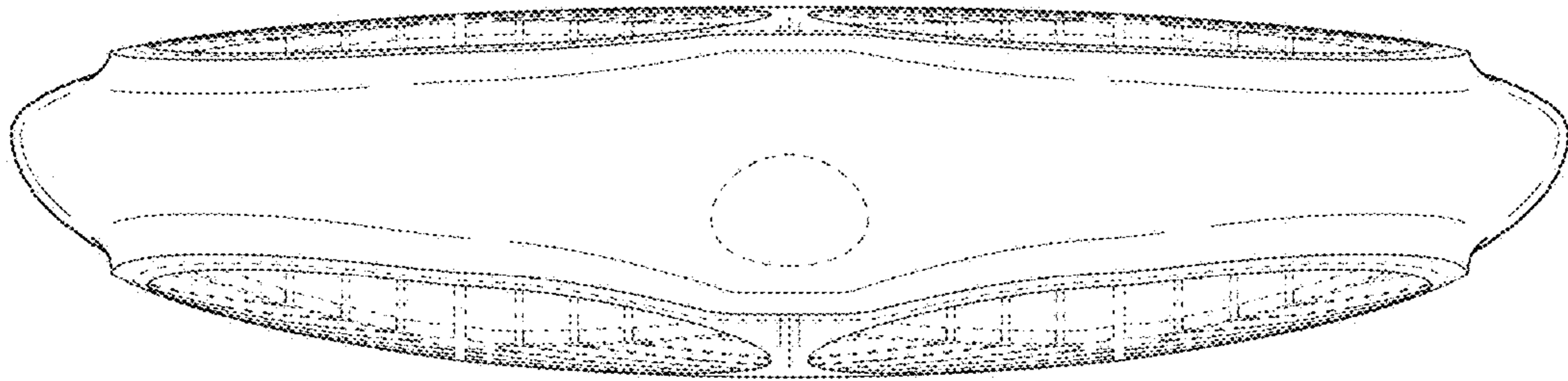


FIG.4

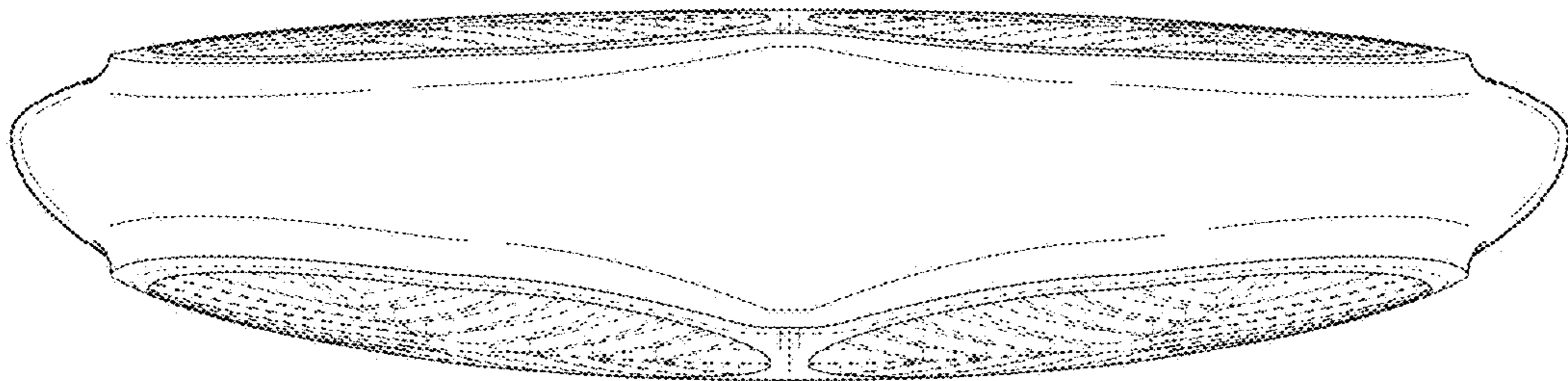


FIG.5

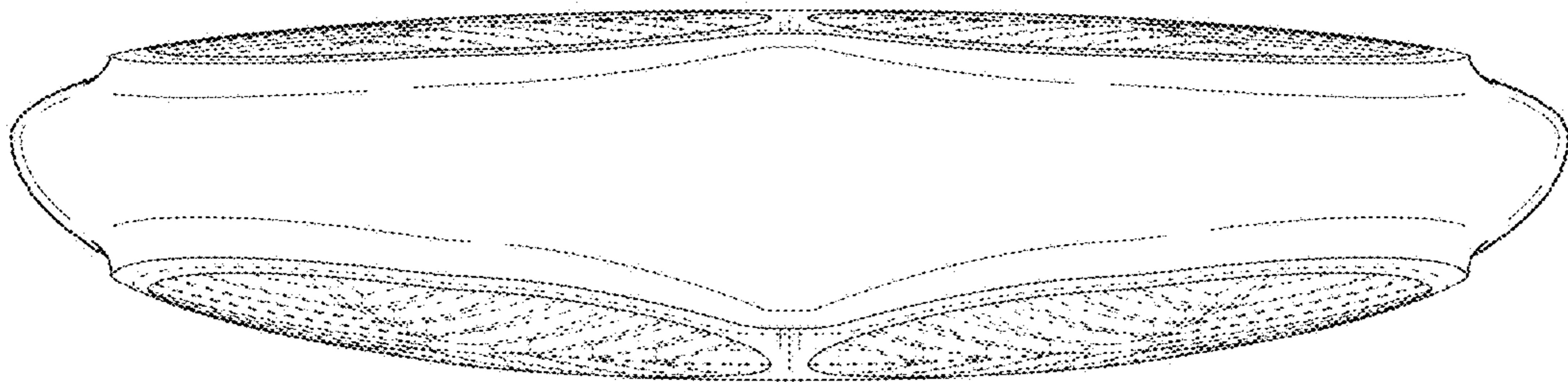


FIG.6

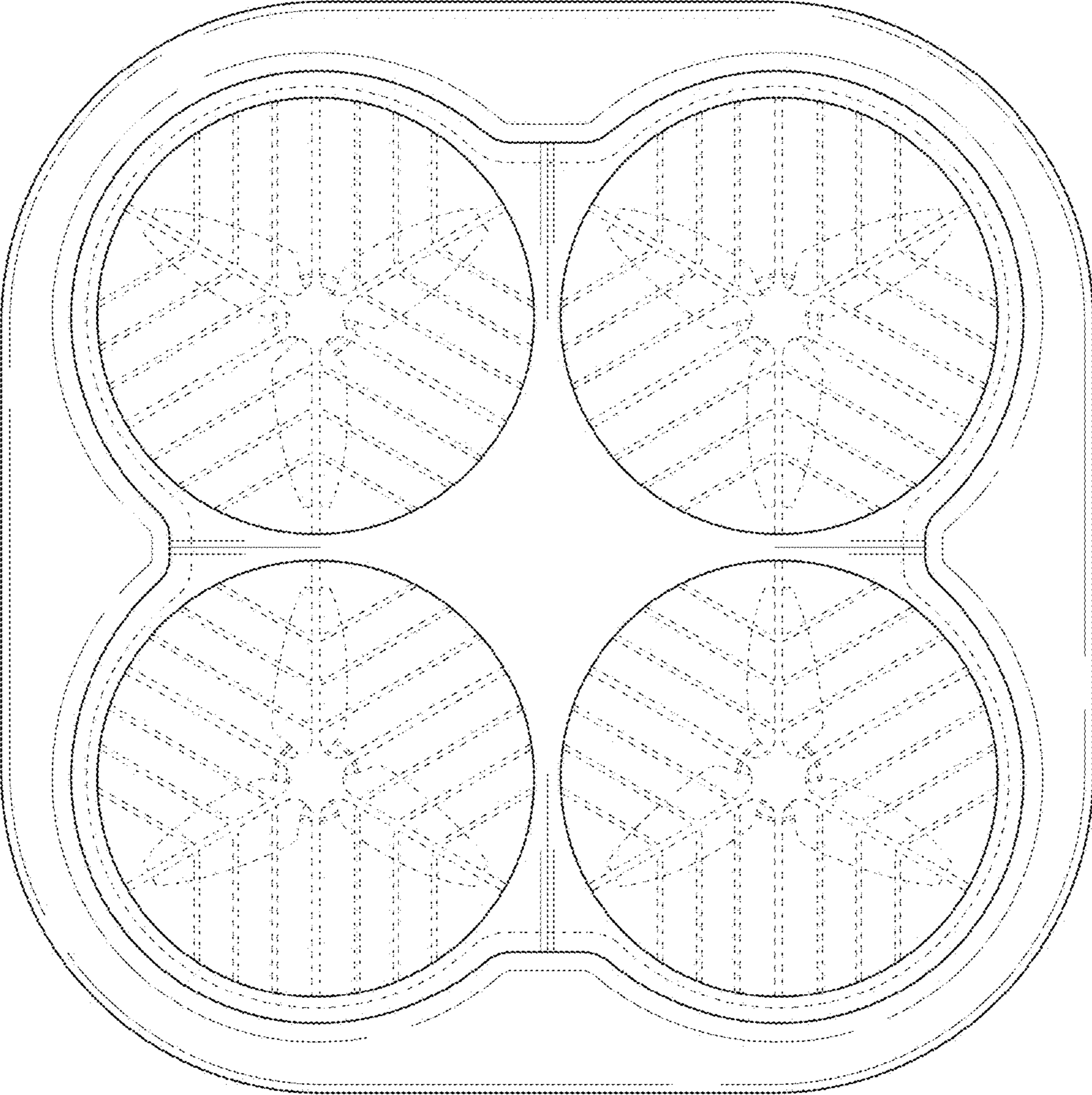


FIG.7

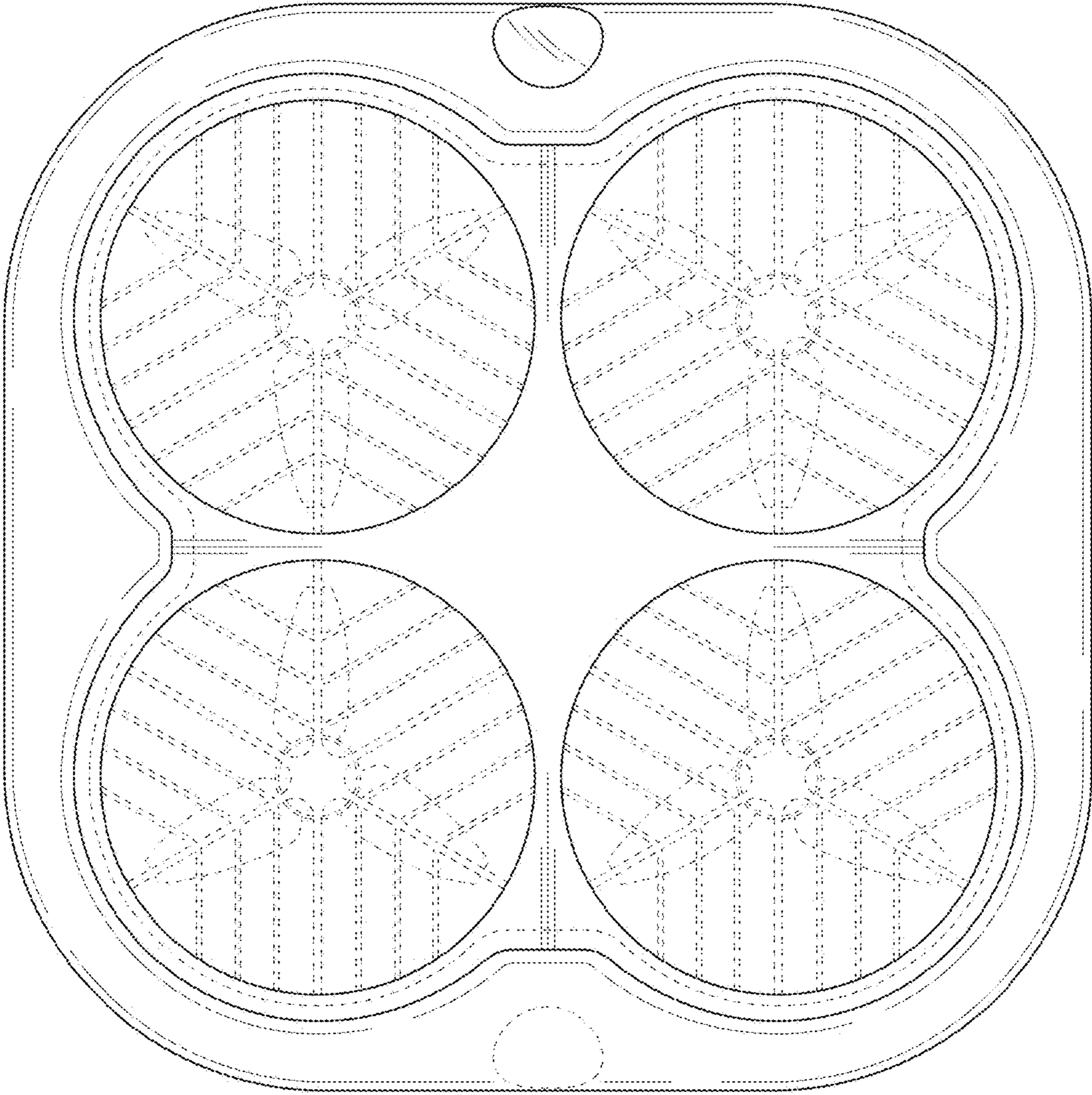


FIG.8

