



US00D896767S

(12) **United States Design Patent**
Pikovsky et al.

(10) **Patent No.:** **US D896,767 S**
(45) **Date of Patent:** **** Sep. 22, 2020**

(54) **FLUID MOVER ENCLOSURE**

DESCRIPTION

- (71) Applicant: **Advanced Thermal Solutions, Inc.**,
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Gregory Wong, Arlington, MA (US)
 - (73) Assignee: **Advanced Thermal Solutions, Inc.**,
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 - (**) Term: **15 Years**
 - (21) Appl. No.: **29/715,458**
 - (22) Filed: **Dec. 2, 2019**
 - (51) **LOC (12) Cl.** **13-03**
 - (52) **U.S. Cl.**
USPC **D13/179**
 - (58) **Field of Classification Search**
USPC D13/179
- (Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D249,790 S 10/1978 Ainscow
 - D311,427 S 10/1990 Banerjee
- (Continued)

OTHER PUBLICATIONS

Aitechnology, "Automotive Electronic Adhesives & Thermal Interface Materials for Power Electronics", Accessed Apr. 7, 2020. (<https://www.aitechnology.com/products/automotive-adhesives-and-tims/>) (Year: 2020).*

(Continued)

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(57) **CLAIM**

The ornamental design for a fluid mover enclosure, as shown and described.

FIG. 1 is a front perspective view of a fluid mover enclosure showing our new design;

FIG. 2 is a top plan view of the fluid mover enclosure shown in FIG. 1;

FIG. 3 is a bottom plan view of FIG. 1;

FIG. 4 is a front view of FIG. 1;

FIG. 5 is a back view of FIG. 1;

FIG. 6 is a right side view of FIG. 1;

FIG. 7 is a left side view of FIG. 1;

FIG. 8 is a front perspective view of the fluid mover enclosure of FIG. 1, wherein the enclosure is shown assembled within an environmental mounting;

FIG. 9 is a front perspective view of the fluid mover enclosure of FIG. 1, showing the environmental mounting exploded around the enclosure;

FIG. 10 is a front perspective view of a second embodiment of a fluid mover enclosure showing our new design.

FIG. 11 is a top plan view of the fluid mover enclosure shown in FIG. 10;

FIG. 12 is a bottom plan view of FIG. 10;

FIG. 13 is a front view of FIG. 10;

FIG. 14 is a back view of FIG. 10;

FIG. 15 is a right side view of FIG. 10;

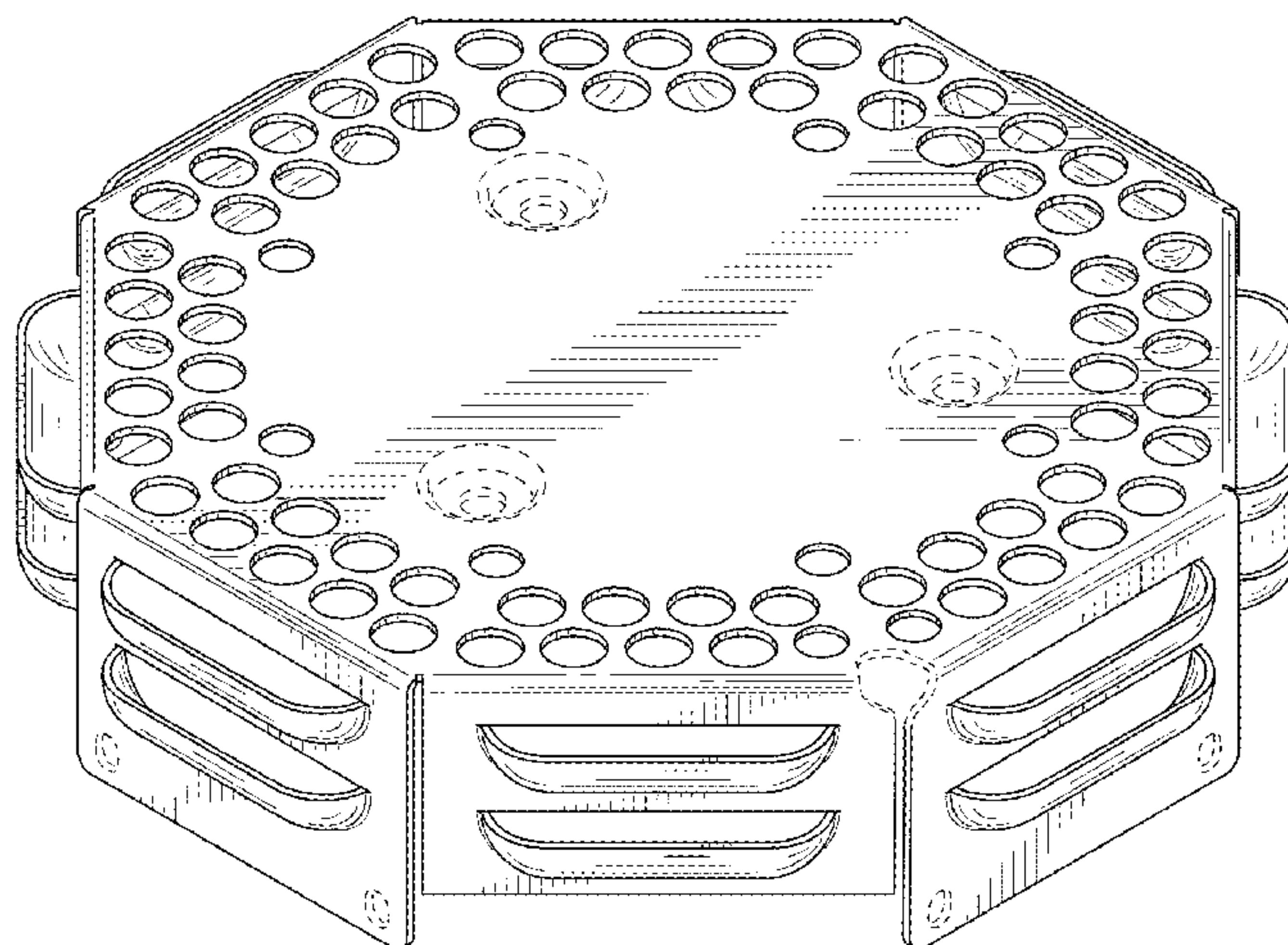
FIG. 16 is a left side view of FIG. 10;

FIG. 17 is a front perspective view of the fluid mover enclosure of FIG. 10, wherein the enclosure is shown assembled within an environmental mounting; and,

FIG. 18 is a front perspective view of the fluid mover enclosure of FIG. 10, showing the environmental mounting exploded around the enclosure.

The broken lines illustrate portions of the fluid mover enclosure. The additional broken line structures in FIGS. 8, 9, 17, and 18 illustrate environmental mounting. None of the broken lines form part of the claimed design.

1 Claim, 14 Drawing Sheets



(58) **Field of Classification Search**
 CPC F28D 1/0233; H01L 23/473; H01L 23/46
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,158,136	A	10/1992	Azar	
D427,856	S	7/2000	Sellers	
6,196,302	B1 *	3/2001	Chuang	H01L 23/467 165/122
6,239,986	B1	5/2001	Otsuka	
6,305,955	B1	10/2001	Billman	
6,351,394	B1	2/2002	Cunningham	
D463,383	S	9/2002	Hwang	
D478,055	S	8/2003	Jing et al.	
D479,828	S	9/2003	Dugas	
D479,829	S	9/2003	Dugas	
6,628,512	B2	9/2003	Searby et al.	
D482,008	S	11/2003	Petronio	
D490,382	S	5/2004	Dugas	
D496,907	S	10/2004	Hwang	
D512,697	S	12/2005	Enns et al.	
D520,621	S	5/2006	Moser	
D531,965	S	11/2006	Stathakis	
D536,675	S	2/2007	Millar et al.	
D543,953	S	6/2007	Dugas et al.	
D553,170	S	10/2007	Remsburg et al.	
D553,656	S	10/2007	Reeves et al.	
D605,141	S	12/2009	Jones	

D624,677	S	9/2010	Deguglimo et al.	
D650,339	S	12/2011	Chang et al.	
D659,868	S	5/2012	Deguglimo et al.	
D662,897	S *	7/2012	Desalis	D13/179
D694,703	S	12/2013	Faro	
D699,690	S	2/2014	Hsu et al.	
D701,180	S *	3/2014	Park	D13/179
D732,613	S	6/2015	Davies	
D777,266	S	1/2017	Davies	
D786,668	S	5/2017	Cornaglia	
D791,711	S	7/2017	Holton	
D797,049	S	9/2017	Keswani et al.	
D810,022	S	2/2018	Keswani et al.	
D812,022	S	3/2018	Buchanan	
D819,578	S *	6/2018	Su	D13/179
D822,625	S	7/2018	Tamura et al.	
D836,573	S *	12/2018	Ichino	D13/182
D856,944	S	8/2019	Azar et al.	
D856,945	S	8/2019	Azar et al.	
2009/0314465	A1 *	12/2009	Zheng	H01L 23/467 165/80.3

OTHER PUBLICATIONS

Digi-Key, "Product Index > Connectors, Interconnects > Pluggable Connectors > Molex 0738470001", Accessed Apr. 7, 2020. (<https://www.digikey.ca/product-detail/en/molex/73847-0001/WM1631-ND/416447>) (Year: 2020).*

* cited by examiner

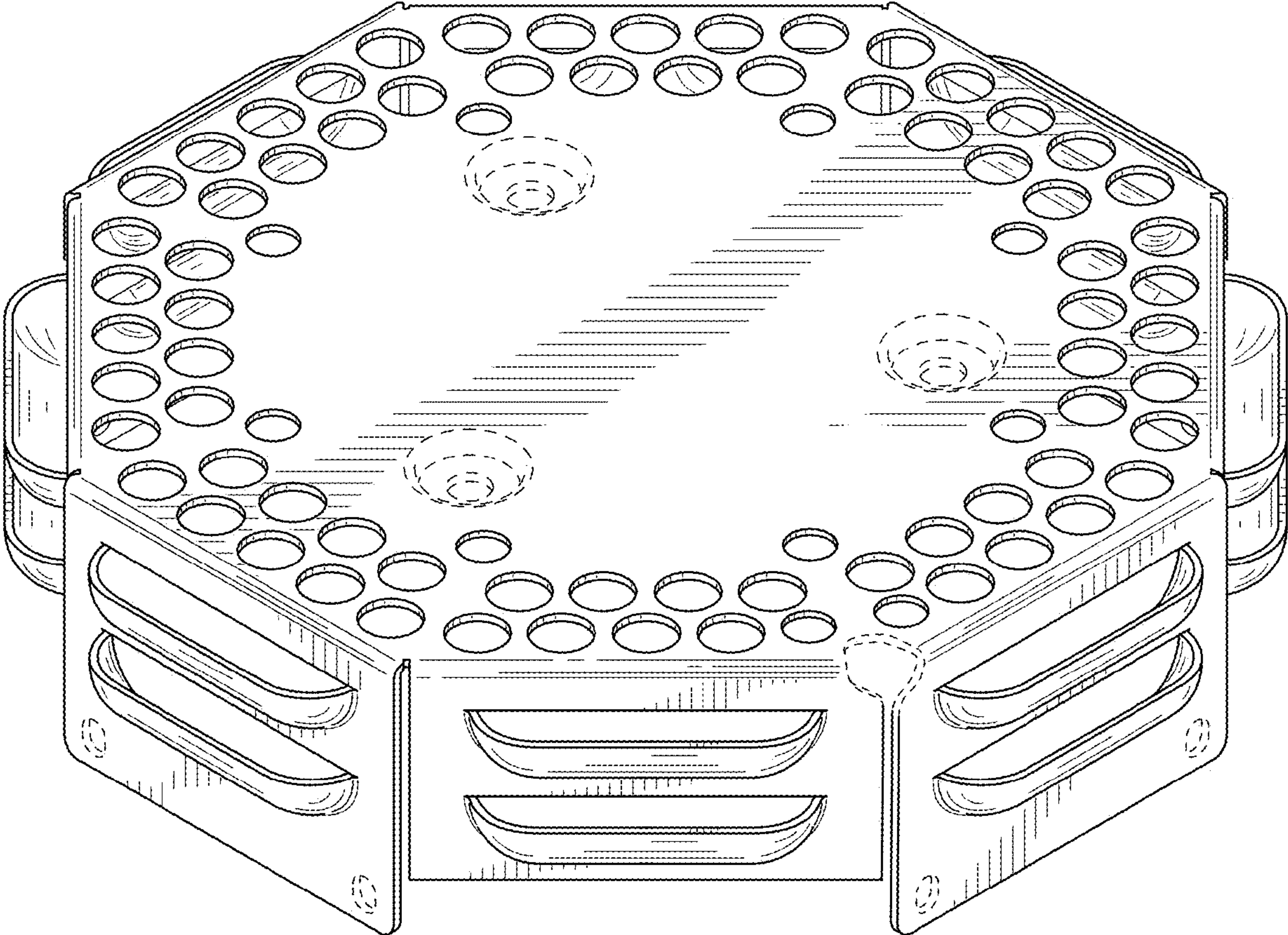


FIG. 1

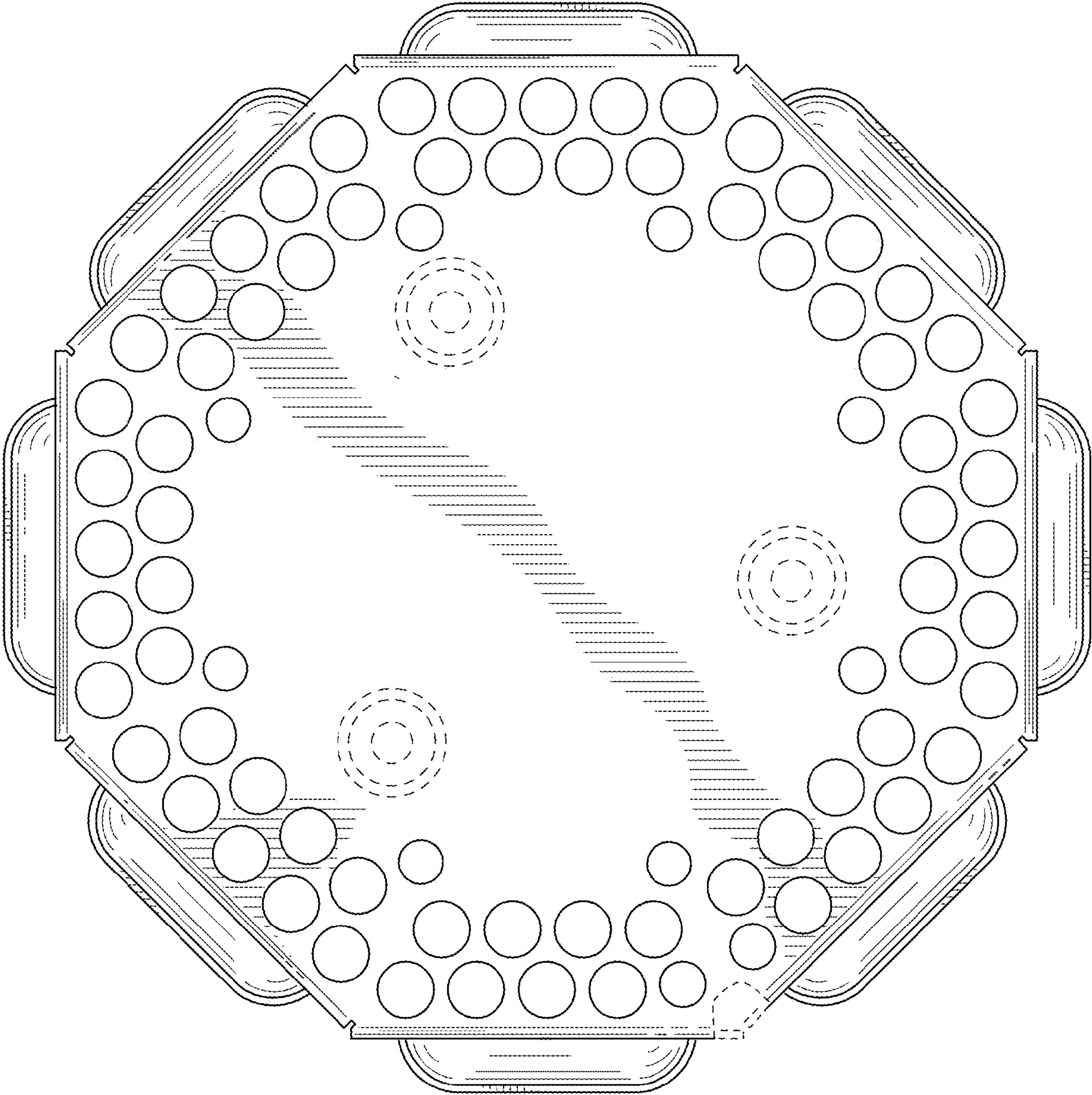


FIG. 2

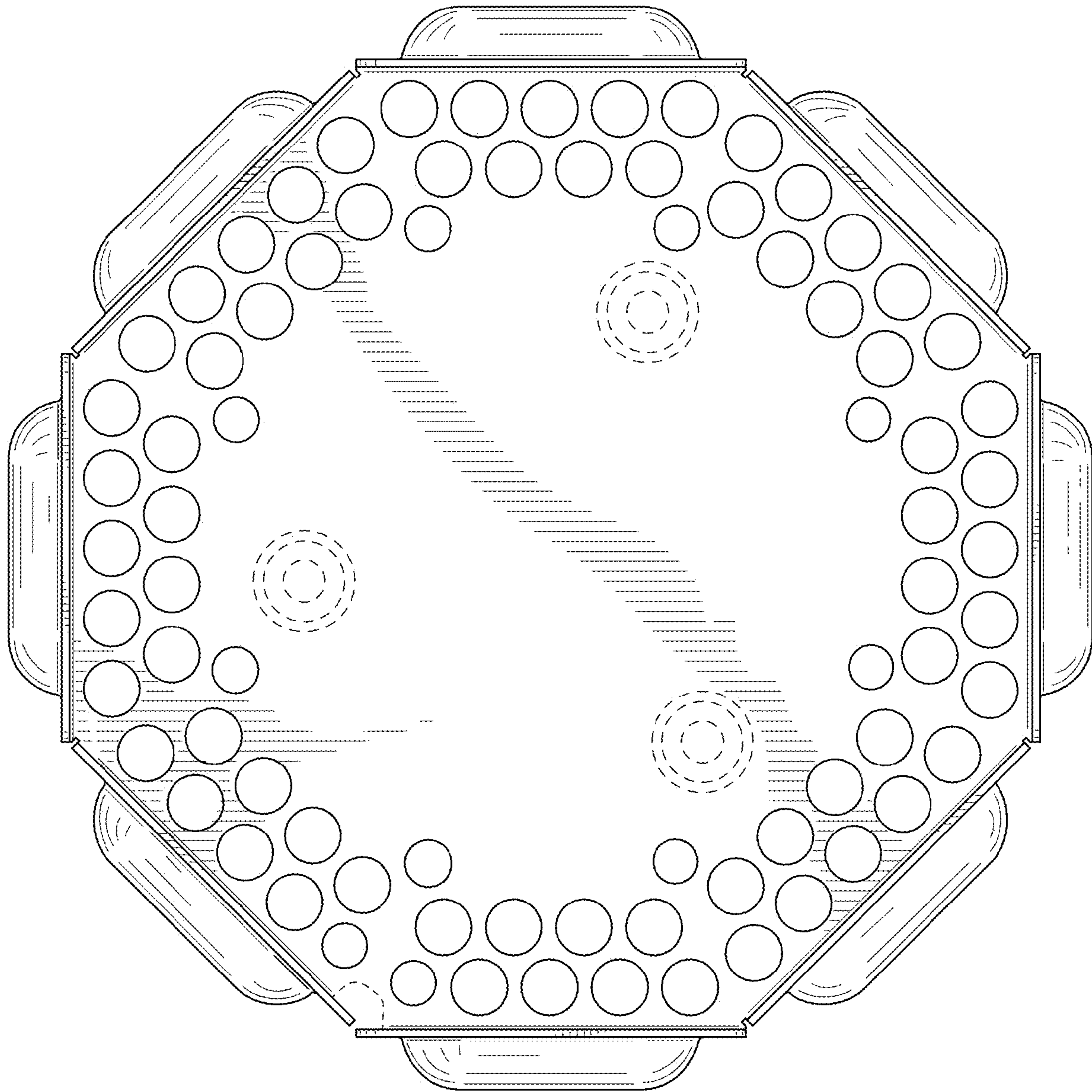


FIG. 3

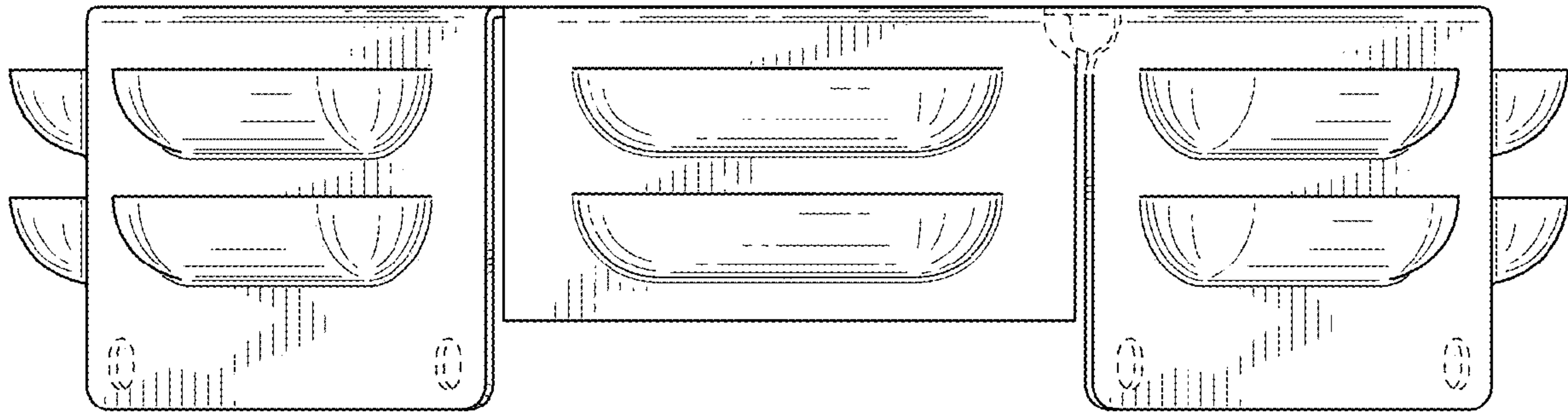


FIG. 4

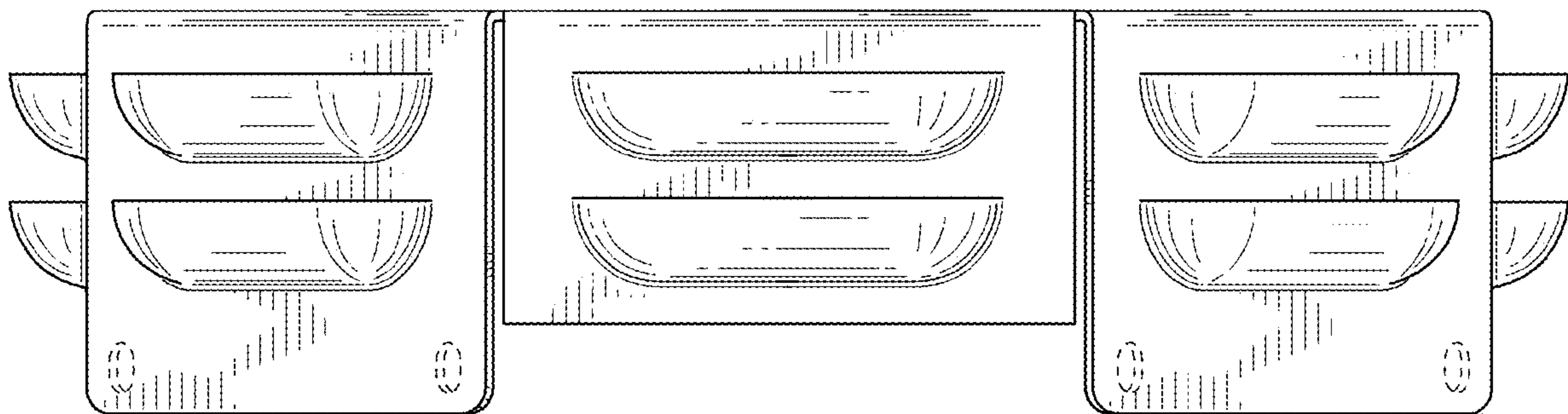


FIG. 5

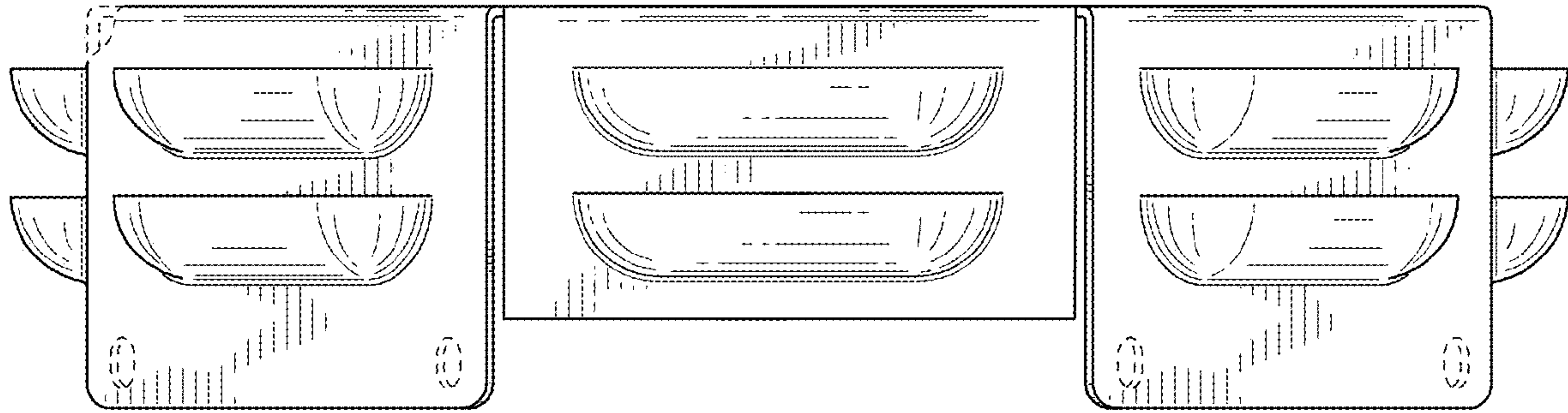


FIG. 6

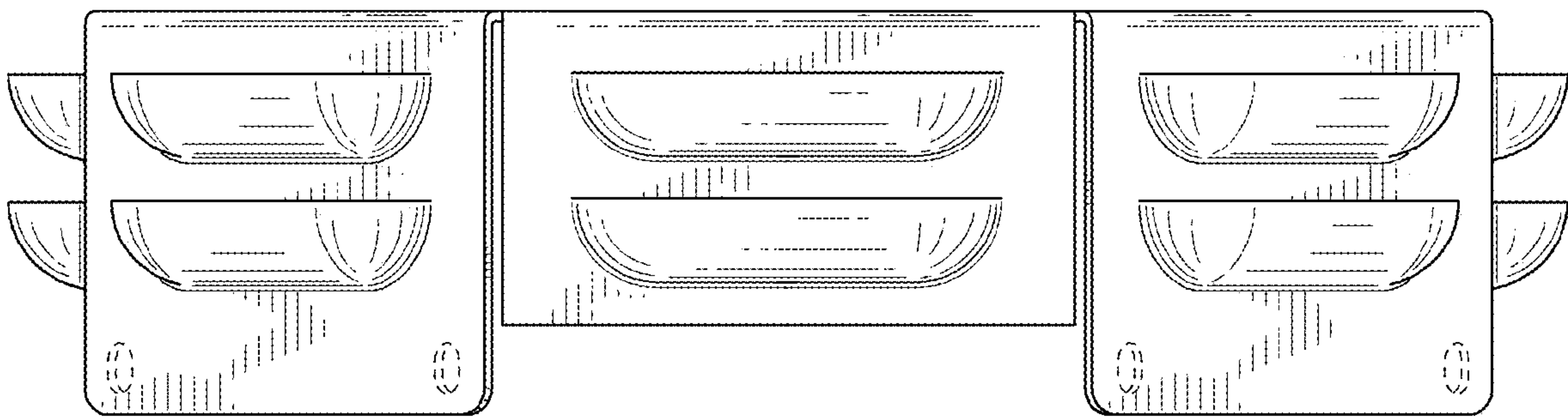


FIG. 7

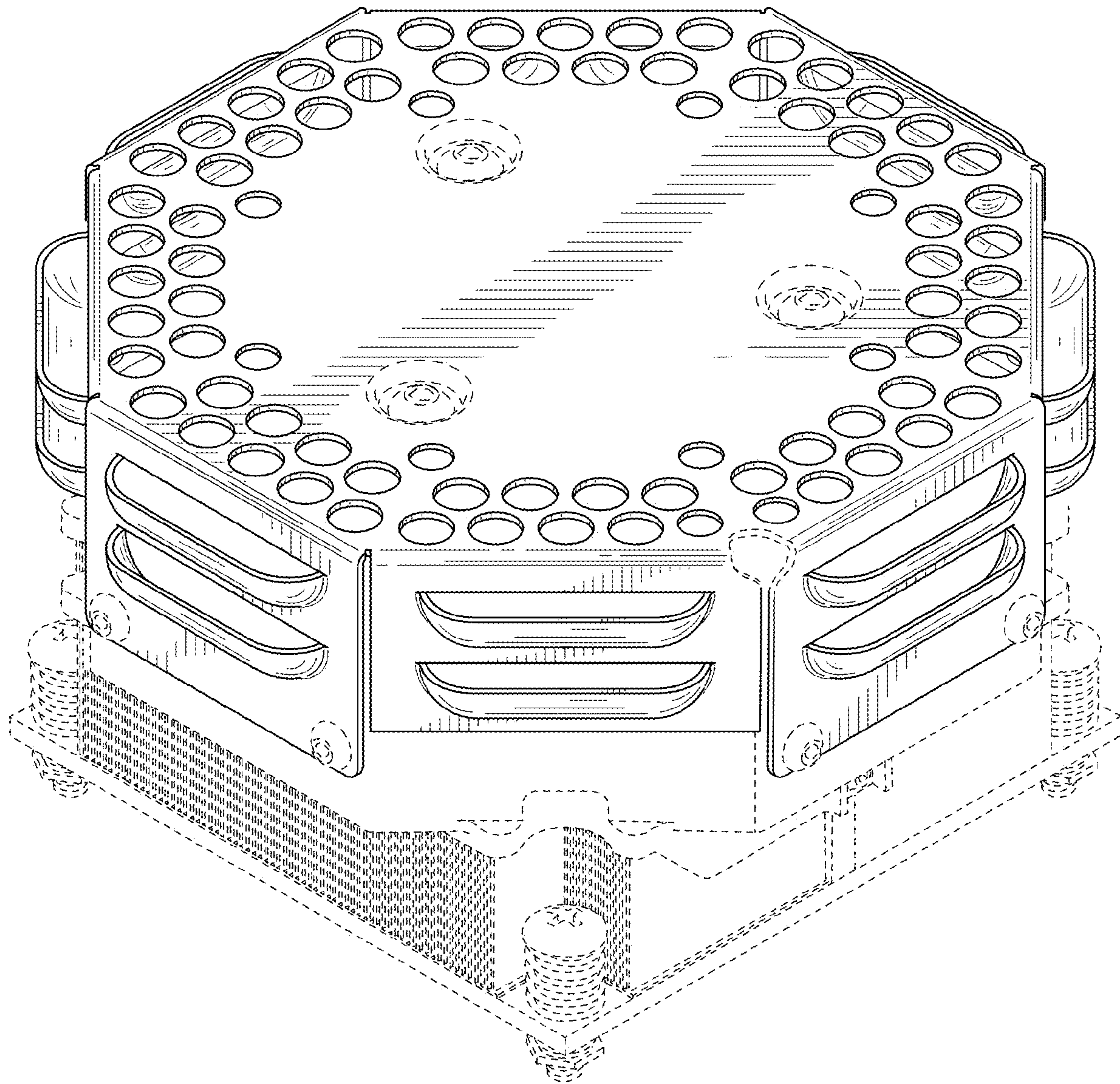


FIG. 8

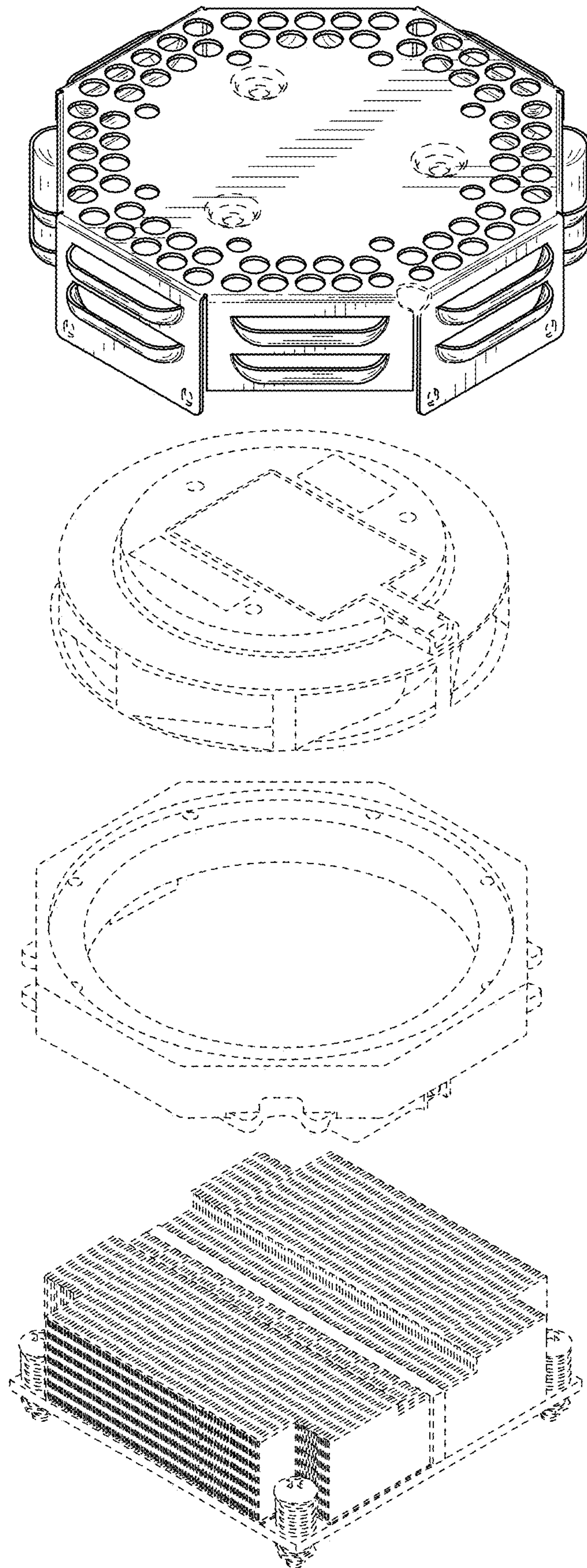


FIG. 9

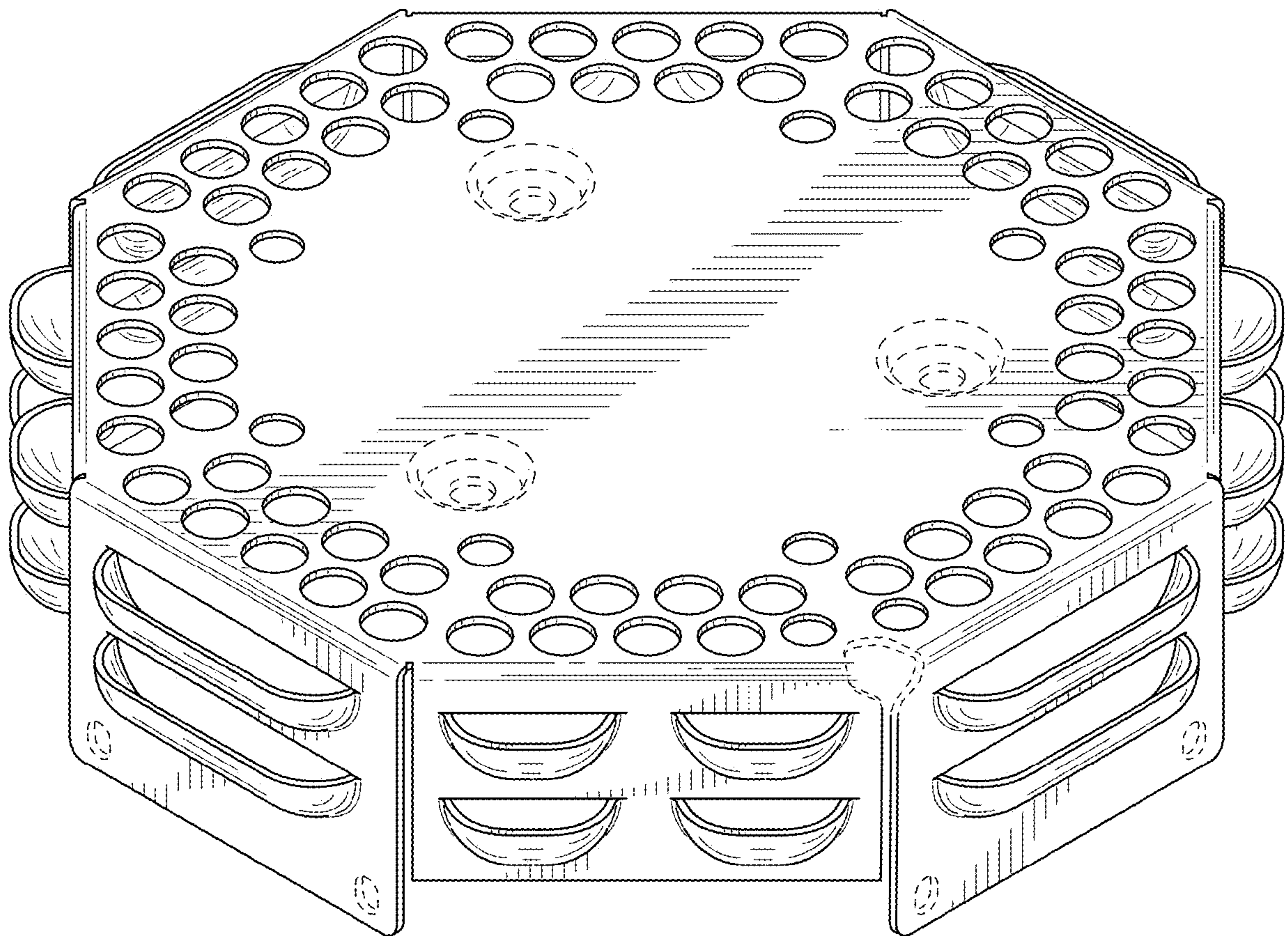


FIG. 10

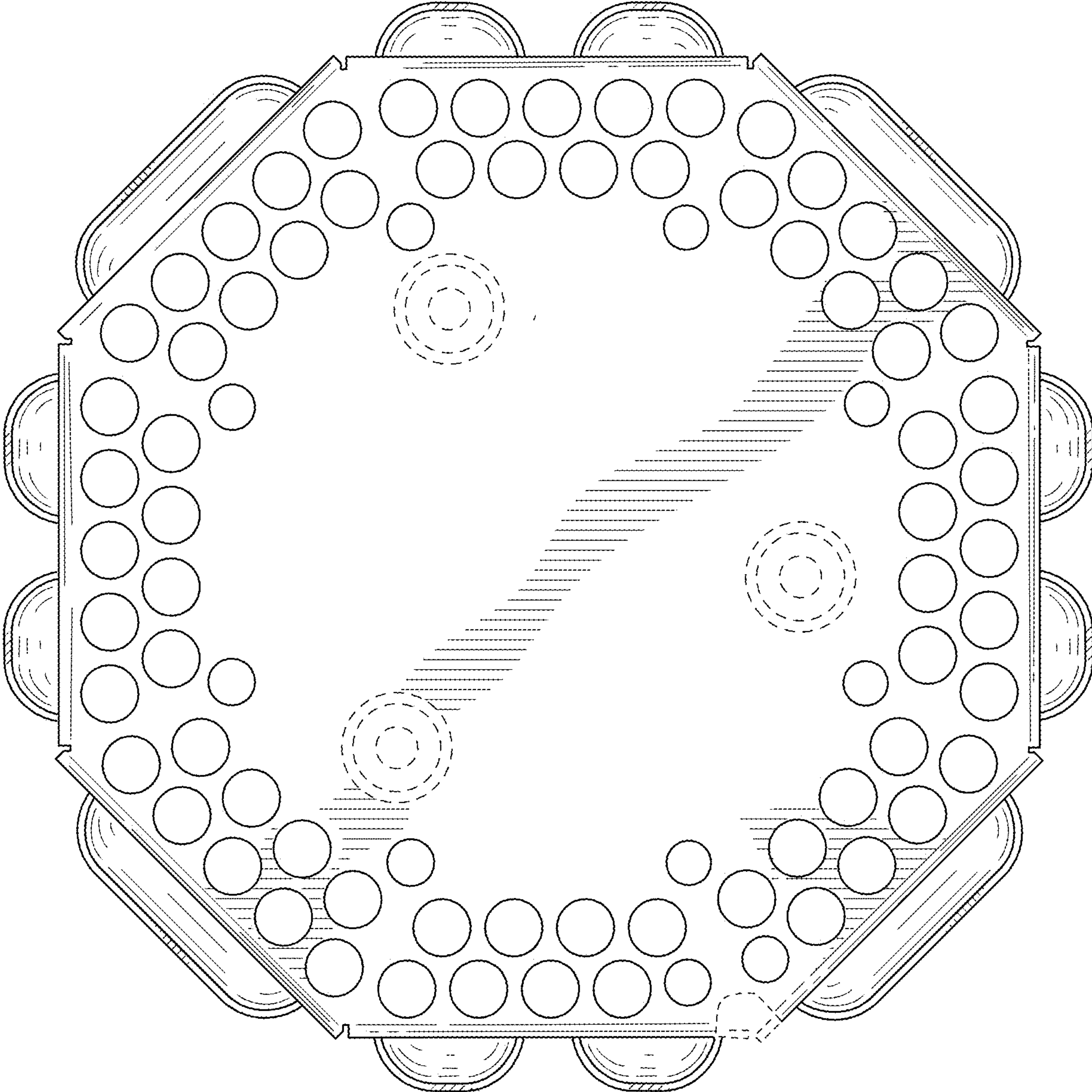


FIG. 11

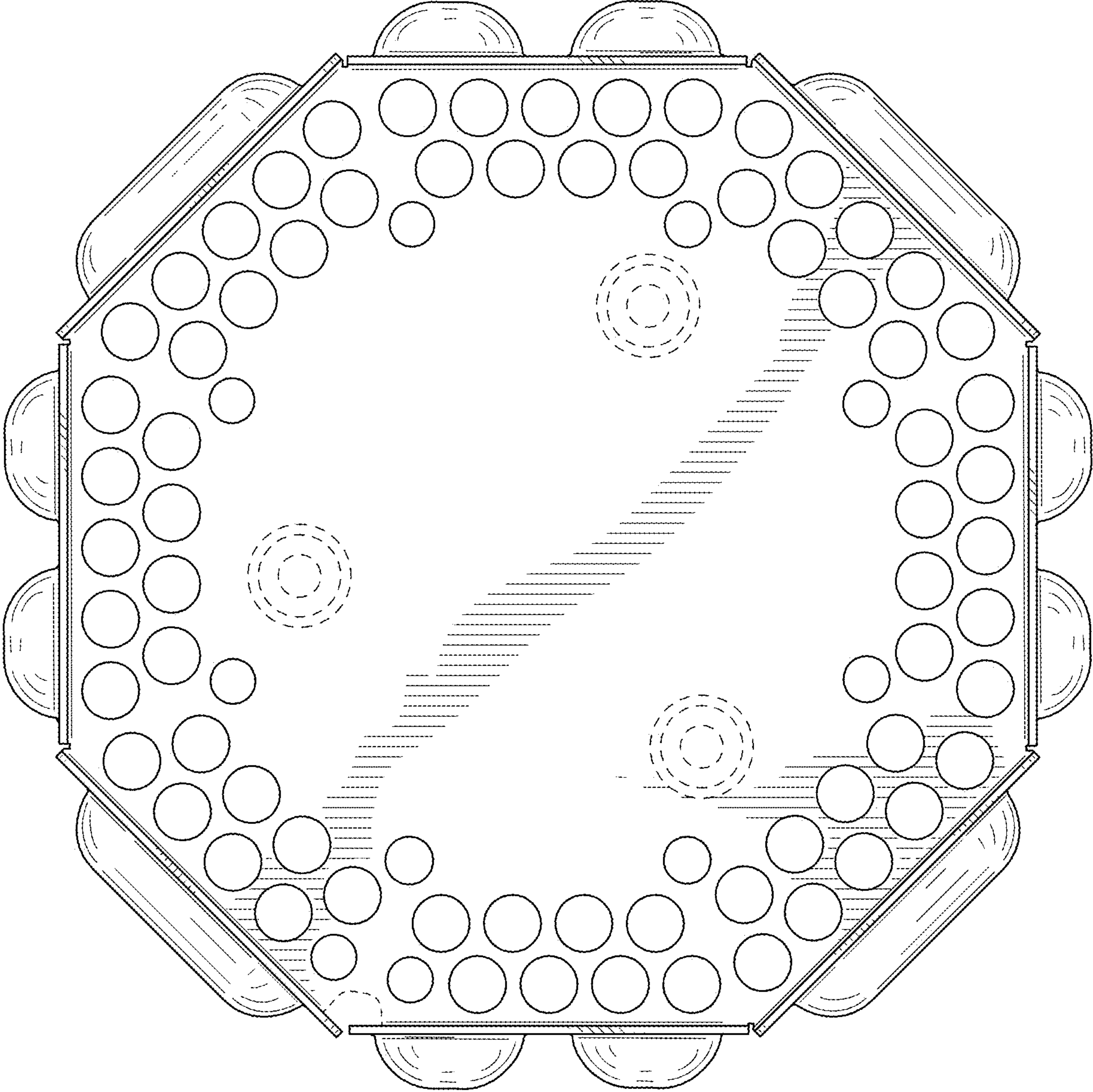


FIG. 12

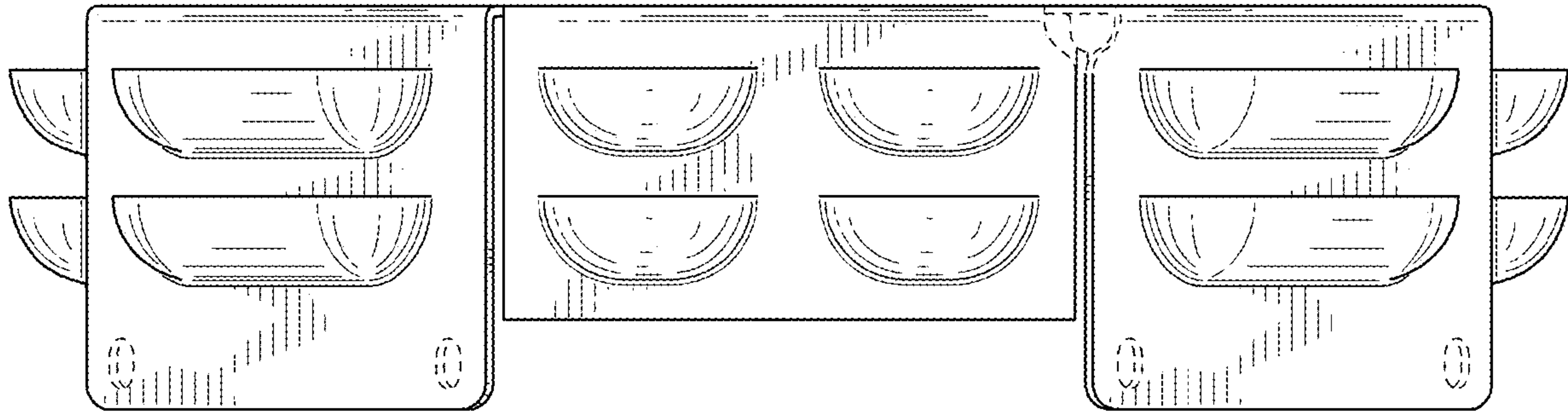


FIG. 13

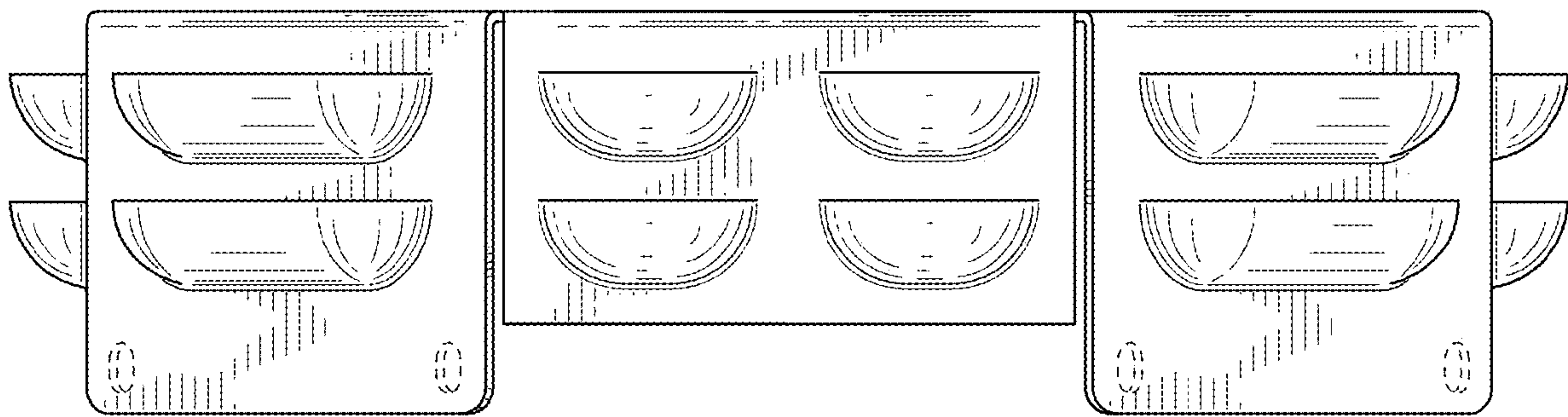


FIG. 14

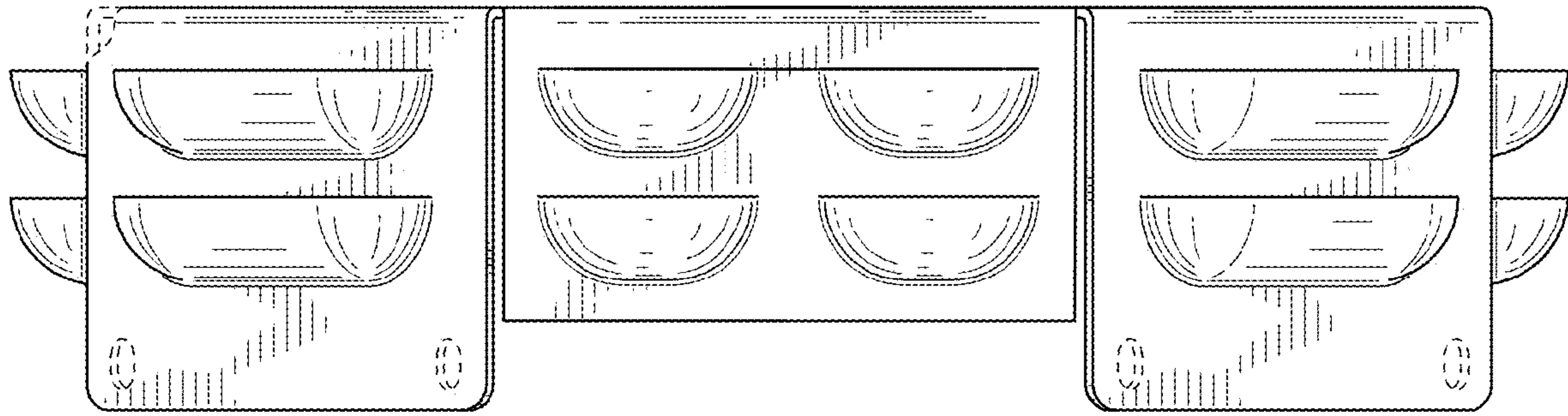


FIG. 15

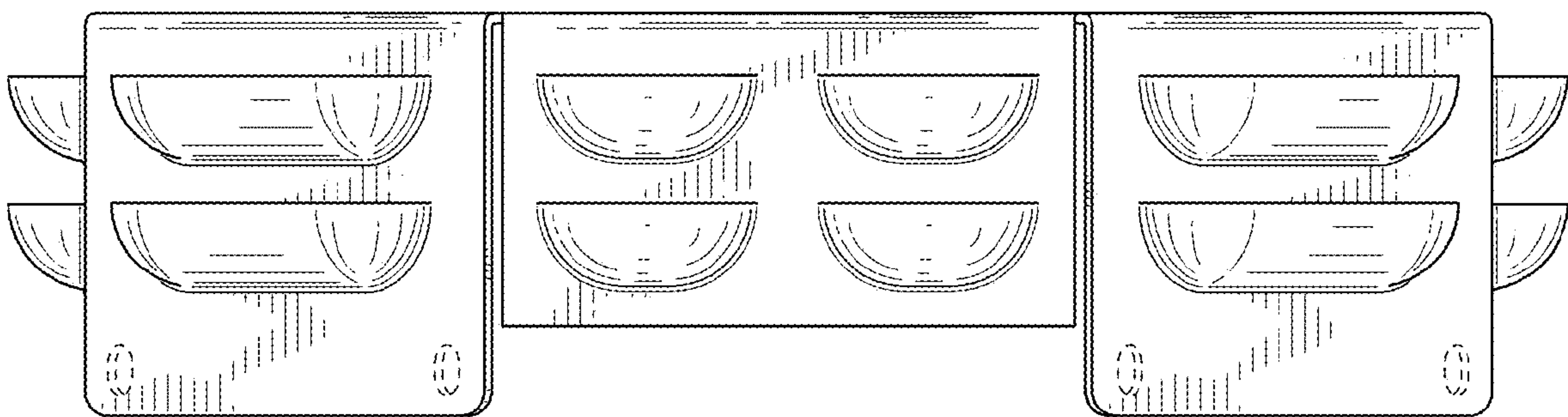


FIG. 16

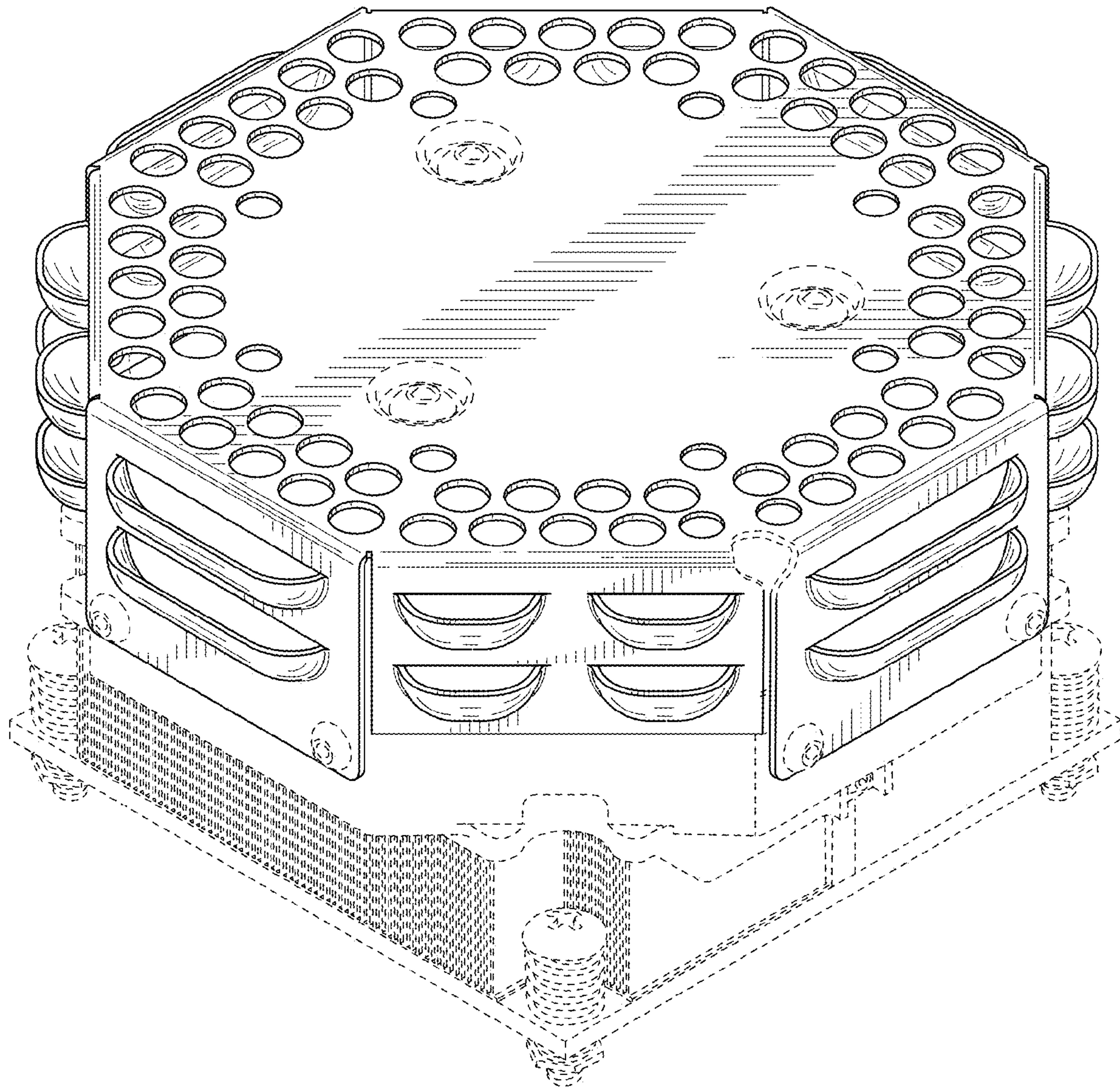


FIG. 17

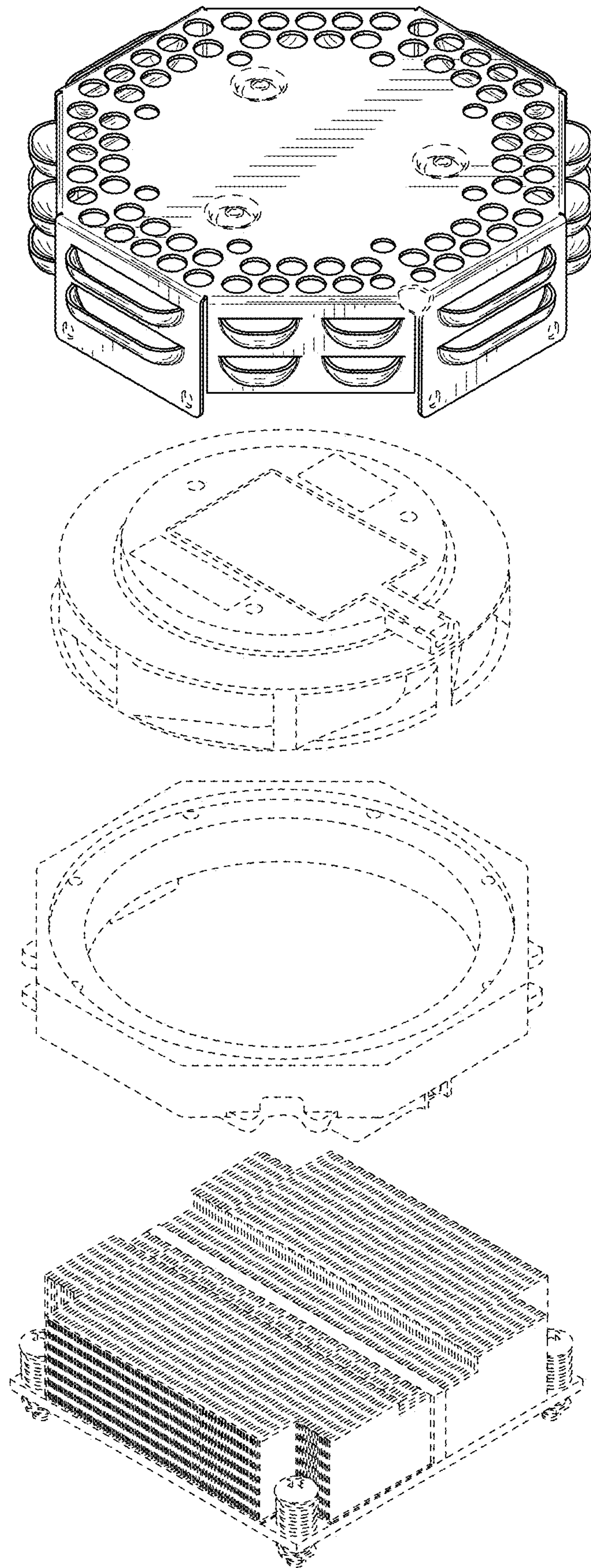


FIG. 18