



US00D899576S

(12) **United States Design Patent** (10) **Patent No.:** **US D899,576 S**
Puffer (45) **Date of Patent:** **** Oct. 20, 2020**

(54) **GRILLE ASSEMBLY FOR A BATHROOM VENTILATION FAN**

(71) Applicant: **Broan-NuTone LLC**, Hartford, WI (US)

(72) Inventor: **Benjamin Puffer**, Hartford, WI (US)

(73) Assignee: **Broan-NuTone LLC**, Hartford, WI (US)

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

(21) Appl. No.: **29/648,559**

(22) Filed: **May 22, 2018**

(51) **LOC (12) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/371; D23/385; D23/412**

(58) **Field of Classification Search**
USPC D23/351, 353, 354, 267, 343–348, 370,
D23/371, 373–376, 378–386, 393,
D23/411–412, 333, 364–365; D14/172,
D14/214
CPC F24F 13/078; F24F 7/007; F24F 7/065;
F24F 2221/14; F24F 2013/205; F21V
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D73,433 S * 9/1927 Hicks D23/385
D183,117 S * 7/1958 Coleman et al. D26/121
D188,077 S * 5/1960 Van Rijn D23/388
(Continued)

OTHER PUBLICATIONS

Emerson Environment Products, Whole House Fan and Shutter System Owners Manual, Dec. 1982.

(Continued)

Primary Examiner — Cathron C Brooks

Assistant Examiner — Sharon S Oum

(74) *Attorney, Agent, or Firm* — Barnes & Thornburg LLP

(57) **CLAIM**

I claim the ornamental design for a grille assembly for a bathroom ventilation fan, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a grille assembly for a bathroom ventilation fan of the invention;

FIG. 2 is a top view of the grille assembly of FIG. 1;

FIG. 3 is a bottom view of the grille assembly of FIG. 1;

FIG. 4 is a front side view of the grille assembly of FIG. 1;

FIG. 5 is a rear side view of the grille assembly of FIG. 1;

FIG. 6 is a left side view of the grille assembly of FIG. 1; and

FIG. 7 is a right side view of the grille assembly of FIG. 1.

FIG. 8 is a perspective view of a second embodiment of a grille assembly for a bathroom ventilation fan;

FIG. 9 is a top view thereof;

FIG. 10 is a bottom view thereof;

FIG. 11 is a front side view thereof;

FIG. 12 is a rear side view thereof;

FIG. 13 is a left side view thereof;

FIG. 14 is a right side view thereof;

FIG. 15 is a perspective view of a third embodiment of a grille assembly for a bathroom ventilation fan;

FIG. 16 is a top view thereof;

FIG. 17 is a bottom view thereof;

FIG. 18 is a front side view thereof;

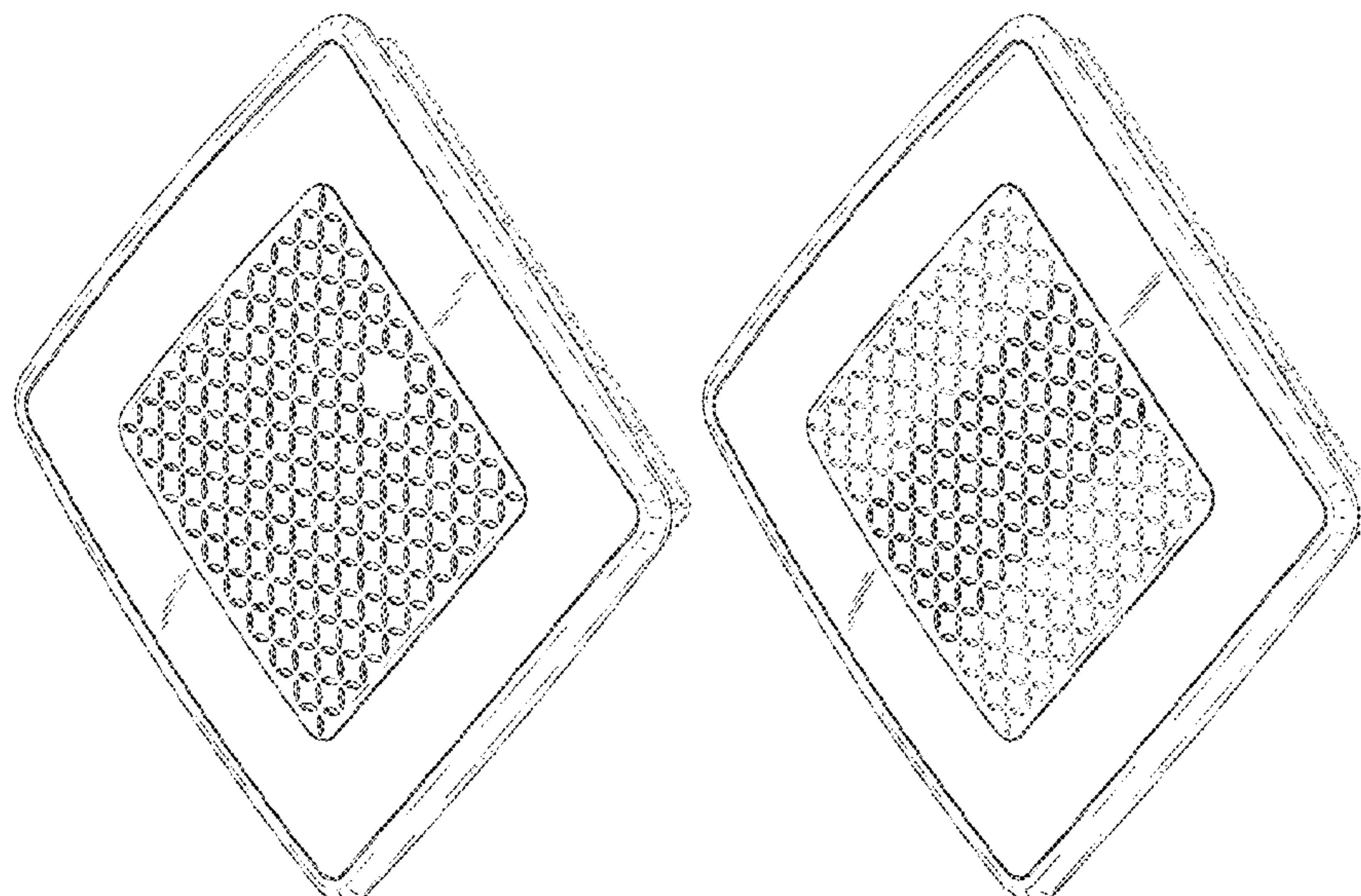
FIG. 19 is a rear side view thereof;

FIG. 20 is a left side view thereof; and,

FIG. 21 is a right side view thereof.

The broken lines illustrate portions of the grille assembly for a bathroom ventilation fan that form no part of the claimed design.

1 Claim, 15 Drawing Sheets



(58) **Field of Classification Search**

CPC 33/0096; F21V 33/0088; F04D 29/626;
F04D 29/4226

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D251,605 S	*	4/1979	Anderson	D14/299
D300,777 S	*	4/1989	Bales	D23/385
D389,152 S	*	1/1998	Kurihara	D14/215
D448,462 S	*	9/2001	Nanjo	D23/351
D567,352 S	*	4/2008	Hollingsworth	D23/388
D567,355 S	*	4/2008	Zakula	D23/388
D575,387 S	*	8/2008	Zakula	D23/371
D589,605 S	*	3/2009	Reedy	D23/388
D595,402 S	*	6/2009	Miyake	D23/385
D618,782 S		6/2010	Zakula et al.	
D626,644 S		11/2010	Jacak et al.	
D635,238 S		3/2011	Zakula et al.	
D653,323 S		1/2012	Jacak et al.	
D654,998 S		2/2012	Zakula et al.	
D655,403 S		3/2012	Zakula et al.	
D665,225 S		8/2012	Zakula et al.	
D678,995 S		3/2013	Hoshino et al.	
D701,952 S		4/2014	Hoshino et al.	
D706,916 S		6/2014	Penlesky et al.	
D713,951 S	*	9/2014	Jepson	D23/388
D759,800 S		6/2016	Adrian et al.	
D763,422 S	*	8/2016	Ueno	D23/351
D778,424 S		2/2017	Jonas et al.	
D778,425 S		2/2017	Jonas et al.	
D779,050 S		2/2017	Jonas et al.	
D784,511 S		4/2017	Jonas et al.	
D784,512 S		4/2017	Jonas et al.	
D788,895 S	*	6/2017	Shin	D23/351
D799,677 S		10/2017	Jonas et al.	
D799,678 S		10/2017	Jonas et al.	
D799,679 S	*	10/2017	Jonas	D23/385
D800,294 S		10/2017	Jonas et al.	
D800,295 S		10/2017	Jonas et al.	
D800,892 S		10/2017	Jonas et al.	
D815,724 S		4/2018	Jonas et al.	
D816,206 S		4/2018	Jonas et al.	
D822,821 S	*	7/2018	Jonas	D23/385
D837,966 S		1/2019	Adrian et al.	
D842,449 S	*	3/2019	Chang	D23/412
D853,551 S	*	7/2019	Kingsbury	D23/388
D860,423 S	*	9/2019	Kim	D23/351
2019/0360649 A1	*	11/2019	Puffer	F24F 11/30

OTHER PUBLICATIONS

Photographs of Panasonic Ventilating Fan, Model FV-11, VHL1, available prior to Jan. 2, 2008, 3 pages.

Spartan Electric Company, Direct Drive Whole House Fans Publication, available prior to Jan. 2, 2008.

“Whirlpool 30 and 36 Range Hood Models UXT3030AY/ UXT3036AY.” Installation Instructions and Use & Care Guide, [online], Retrieved from the Internet: <http://www.whirlpool.ca/digitalassets/UCT3030AYB/US%20and%20Care_EN.pdf>, 2011, 28 pages.

“Maytag 30 in. Non-Vented Range Hood in Stainless Steel,” Model# UXT4030AYS, Home Depot, [online], Retrieved from the Internet on Sep. 23, 2013: <http://www.homedepot.com/p/Maytag-30-in-Non-Vented-Range-Hood-in-Stainless-Steel-UXT_4030AYS/202832999#customer_reviews>, 5 pages.

“Finnleo Steam Sauna Ventilation Wood Grill,” online, Retrieved from the Internet: <<https://www.tineye.com/search/8ff8db465e46f58bcad482160583c-b539dc23fa4/>>, Jun. 6, 2012.

U.S. Appl. No. 11/968,250 Non Final Office Action dated Sep. 20, 2012, 21 pages.

U.S. Appl. No. 11/968,250, Response filed Dec. 20, 2012 to Non-Final Office Action dated Sep. 20, 2012, 26 pages.

U.S. Appl. No. 11/968,250, Non Final Office Action dated Mar. 26, 2013, 20 pages.

U.S. Appl. No. 11/968,250, Response filed May 24, 2013 to Final Office Action dated Mar. 26, 2013, 20 pages.

U.S. Appl. No. 11/968,250, Advisory Action dated Jun. 24, 2013, 3 pages.

U.S. Appl. No. 11/968,250, Non Final Office Action dated Aug. 22, 2013, 18 pages.

U.S. Appl. No. 29/458,592, Non Final Office Action dated Sep. 27, 2013, 7 pages.

U.S. Appl. No. 11/968,250, Response filed Nov. 8, 2013 to Non Final Office Action dated Aug. 22, 2013, 23 pages.

Grille Images, image post date Nov. 23, 2013, site visited May 14, 2016, [online], <<https://www.tineye.com/search/ea95b48bdc1fce15b6d68e4fbe33c-0e4e7566460/>>.

U.S. Appl. No. 29/458,592, Response filed Dec. 27, 2013 to Non Final Office Action dated Sep. 27, 2013, 8 pages.

U.S. Appl. No. 11/968,250, Final Office Action dated Jan. 22, 2014, 18 pages.

U.S. Appl. No. 29/458,592, Notice of Allowance dated Mar. 4, 2014, 6 pages.

Napoleon Prestige Pro 450-Natural Gas, image post date Apr. 5, 2014, site visited May 15, 2016, [online], <<http://web.archive.org/web/20140405111728/http://www.bbqworld.co.uk/n- napoleon/napoleon-prestige-pro-450-natural-gas.asp>>.

“Ultra Green Series,” [online], Retrieved from Internet: <<http://web.archive.org/web/20140416053348/http://www.boran.com/products/filter/ultra-406c-abf1-ed72241eb706>>, Apr. 16, 2014.

“Airvent 435103 Kitchen Extractor Fan,” [online], Retrieved from Internet: <<https://www.amazon.co.uk/Airvent-435103-Kitchen-Extractor-1-50mm/dp/B0085TQ75U/ref=pd.sub.--cp.sub.--107.sub.-3?ie=UTF8&refRID=1MXRP1-Q1QR5H6NZ1MR7C>>, May 14, 2014.

U.S. Appl. No. 11/968,250, Response filed May 22, 2014 to Final Office Action dated Jan. 22, 2014, 12 pages.

U.S. Appl. No. 11/968,250, Non Final Office Action dated Jun. 19, 2014, 18 pages.

U.S. Appl. No. 11/968,250, Response filed Sep. 19, 2014 to Non Final Office Action dated Jun. 19, 2014, 11 pages.

Air Vent Grille Cover, image post date Nov. 9, 2014, site visited May 14, 2016, [online], <<https://www.tineye.com/search/232b8f674998285163e7a3de47a03ed0ef9b1dc-6/>>.

U.S. Appl. No. 11/968,250, Final Office Action dated Nov. 26, 2014, 20 pages.

“Manrose FF100P Bathroom Fan,” [online], Retrieved from Internet: <<https://www.tineye.com/search/63988ff8b950dad9cb1aaec51119050bdd00cf2-1/?pluginver=>>>, Dec. 12, 2014.

U.S. Appl. No. 29/458,589, Restriction Requirement dated Apr. 9, 2015, 7 pages.

U.S. Appl. No. 29/458,589, Response filed Apr. 27, 2015 to Restriction Requirement dated Apr. 9, 2015, 4 pages.

Canadian Application No. 163,017, Office Action dated Nov. 9, 2015, 3 pages.

Canadian Application No. 163,018, Office Action dated Nov. 9, 2015, 2 pages.

Canadian Application No. 163,019, Office Action dated Nov. 9, 2015, 2 pages.

Canadian Application No. 163,015, Office Action dated Nov. 10, 2015, 7 pages.

Canadian Application No. 163,016, Office Action dated Nov. 10, 2015, 2 pages.

U.S. Appl. No. 29/521,663, Restriction Requirement dated Dec. 3, 2015, 3 pages.

U.S. Appl. No. 29/521,663, Response filed Feb. 2, 2016 to Restriction Requirement dated Dec. 3, 2015, 10 pages.

U.S. Appl. No. 29/521,663, Notice of Allowance dated Feb. 12, 2016, 7 pages.

Canadian Application No. 165,307, Office Action dated Feb. 15, 2016, with English Translation, 4 pages.

Canadian Application No. 165,366, Office Action dated Feb. 16, 2016, with English Translation, 4 pages.

Canadian Application No. 163,017, Response filed Mar. 9, 2016 to Office Action dated Nov. 9, 2016, 8 pages.

(56)

References Cited

OTHER PUBLICATIONS

Canadian Application No. 163,018, Response filed Mar. 9, 2016 to Office Action dated Nov. 9, 2015, 7 pages.
 Canadian Application No. 163,019, Response filed Mar. 9, 2016 to Office Action dated Nov. 9, 2015, 7 pages.
 Canadian Application No. 163,015, Response filed Mar. 10, 2016 to Office Action dated Nov. 10, 2015, 7 pages.
 U.S. Appl. No. 29/514,061, Non Final Office Action dated May 19, 2016, 19 pages.
 U.S. Appl. No. 29/514,063, Non Final Office Action dated May 19, 2016, 22 pages.
 U.S. Appl. No. 29/514,067, Non Final Office Action dated May 20, 2016, 20 pages.
 U.S. Appl. No. 29/514,073, Non Final Office Action dated May 20, 2016, 21 pages.
 NuTone 791LEDNT Fan/Light.
 U.S. Appl. No. 29/514,070, Non Final Office Action dated May 27, 2016, 26 pages.
 Chinese Application No. 201630055109.5, Office Action dated Jun. 1, 2016, 3 pages.
 Canadian Application No. 165,307, Response filed Jun. 15, 2016 to Office Action dated Feb. 15, 2016, 9 pages.
 Canadian Application No. 165,355, Response filed Jun. 15, 2016 to Office Action dated Feb. 15, 2016, 6 pages.
 Canadian Application No. 165,366, Response filed Jun. 15, 2016 to Office Action dated Feb. 15, 2016, 18 pages.
 U.S. Appl. No. 29/514,061, Response filed Aug. 17, 2016 to Non Final Office Action dated May 19, 2016, 6 pages.
 U.S. Appl. No. 29/514,063, Response filed Aug. 17, 2016 to Non Final Office Action dated May 19, 2016, 8 pages.
 U.S. Appl. No. 29/514,067, Response filed Aug. 22, 2016 to Non Final Office Action dated May 20, 2016, 6 pages.
 U.S. Appl. No. 29/514,073, Response filed Aug. 22, 2016 to Non Final Office Action dated May 20, 2016, 6 pages.
 U.S. Appl. No. 29/514,970, Response filed Aug. 29, 2016 to Non Final Office Action dated May 27, 2016, 6 pages.
 U.S. Appl. No. 29/538,019, Restriction Requirement dated Sep. 1, 2016, 7 pages.
 Chinese Application No. 201630055109.5, Response filed Sep. 18, 2016 to Office Action dated Jun. 1, 2016, 8 pages.
 U.S. Appl. No. 29/514,061, Final Office Action dated Sep. 19, 2016, 9 pages.
 U.S. Appl. No. 29/514,073, Notice of Allowance dated Sep. 19, 2016, 8 pages.

U.S. Appl. No. 29/514,067, Notice of Allowance dated Sep. 20, 2016, 9 pages.
 U.S. Appl. No. 29/514,070, Notice of Allowance dated Sep. 21, 2016, 6 pages.
 Canadian Application No. 165,355, Response filed for Sep. 22, 2016 to Office Action dated Jul. 28, 2016, 2 pages.
 U.S. Appl. No. 29/514,070, Corrected Notice of Allowance dated Oct. 5, 2016, 2 pages.
 U.S. Appl. No. 29/514,073, Corrected Notice of Allowance dated Oct. 5, 2016, 2 pages.
 U.S. Appl. No. 29/538,019, Examiner Interview Summary dated Oct. 11, 2016, 7 pages.
 U.S. Appl. No. 29/514,063, Response filed Oct. 24, 2016 to Non Final Office Action dated May 19, 2016, 20 pages.
 Canadian Application No. 169,274, Office Action dated Oct. 25, 2016, 2 pages.
 U.S. Appl. No. 29/538,019, Response filed Nov. 1, 2016 to Restriction Requirement dated Sep. 1, 2016, 4 pages.
 Canadian Application No. 167,117, Response filed Nov. 3, 2016 to Office Action dated Jul. 14, 2016, 10 pages.
 U.S. Appl. No. 29/514,061, Response filed Nov. 21, 2016 to Final Office Action dated Sep. 19, 2016, 16 pages.
 U.S. Appl. No. 29/538,019, Notice of Allowance dated Nov. 23, 2016, 9 pages.
 U.S. Appl. No. 29/539,396, Notice of Allowance dated Feb. 27, 2017, 9 pages.
 U.S. Appl. No. 29/539,401, Notice of Allowance dated Feb. 27, 2017, 8 pages.
 U.S. Appl. No. 29/539,391, Notice of Allowance dated Mar. 1, 2017, 8 pages.
 U.S. Appl. No. 29/539,405, Notice of Allowance dated Mar. 1, 2017, 8 pages.
 U.S. Appl. No. 29/539,409, Notice of Allowance dated Mar. 2, 2017, 8 pages.
 U.S. Appl. No. 29/539,392, Notice of Allowance dated Mar. 3, 2017, 8 pages.
 U.S. Appl. No. 29/539,415, Notice of Allowance dated Mar. 9, 2017, 8 pages.
 U.S. Appl. No. 29/539,414, Notice of Allowance dated Mar. 13, 2017, 2 pages.
 U.S. Appl. No. 29/539,414, Corrected Notice of Allowance dated Mar. 31, 2017, 2 pages.
 Broan QTX110SL Media Gallery, Broan QTX110SL Combination Fan, Light, Night-Light, 110 CFM, 0.9 Sones, Humidity Sensing, ventingdirect.com, 1 page.

* cited by examiner

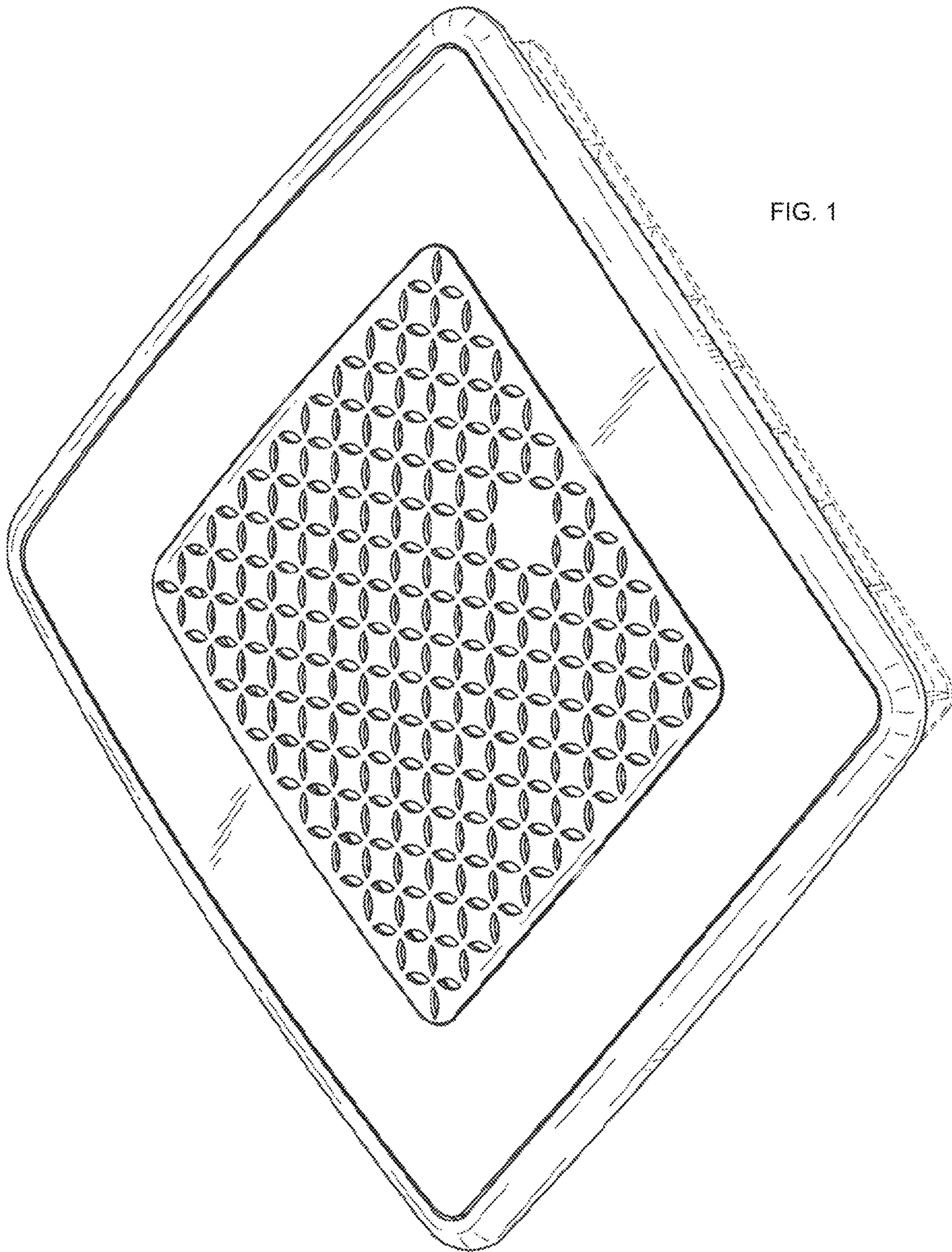


FIG. 1

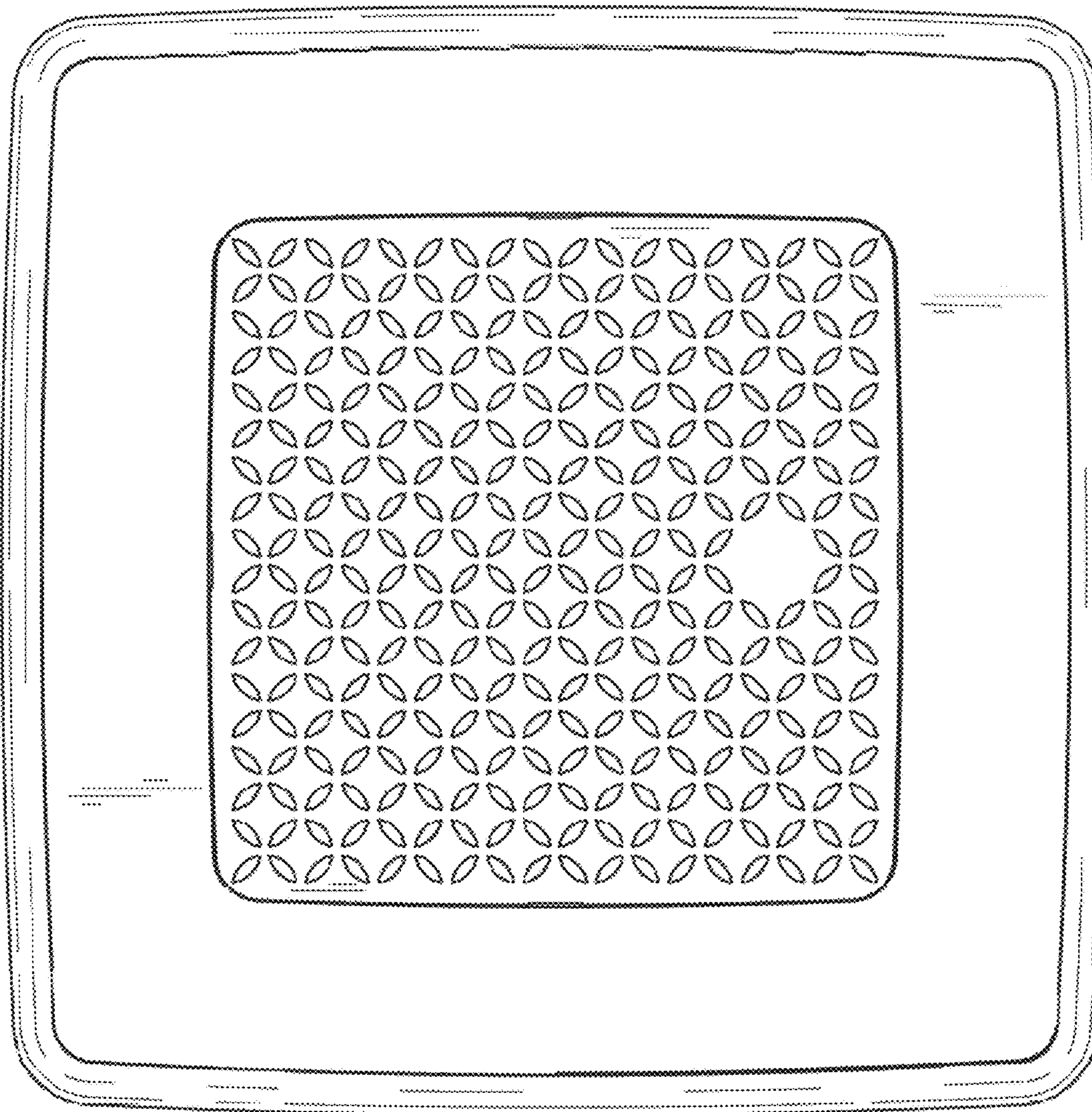


FIG. 2

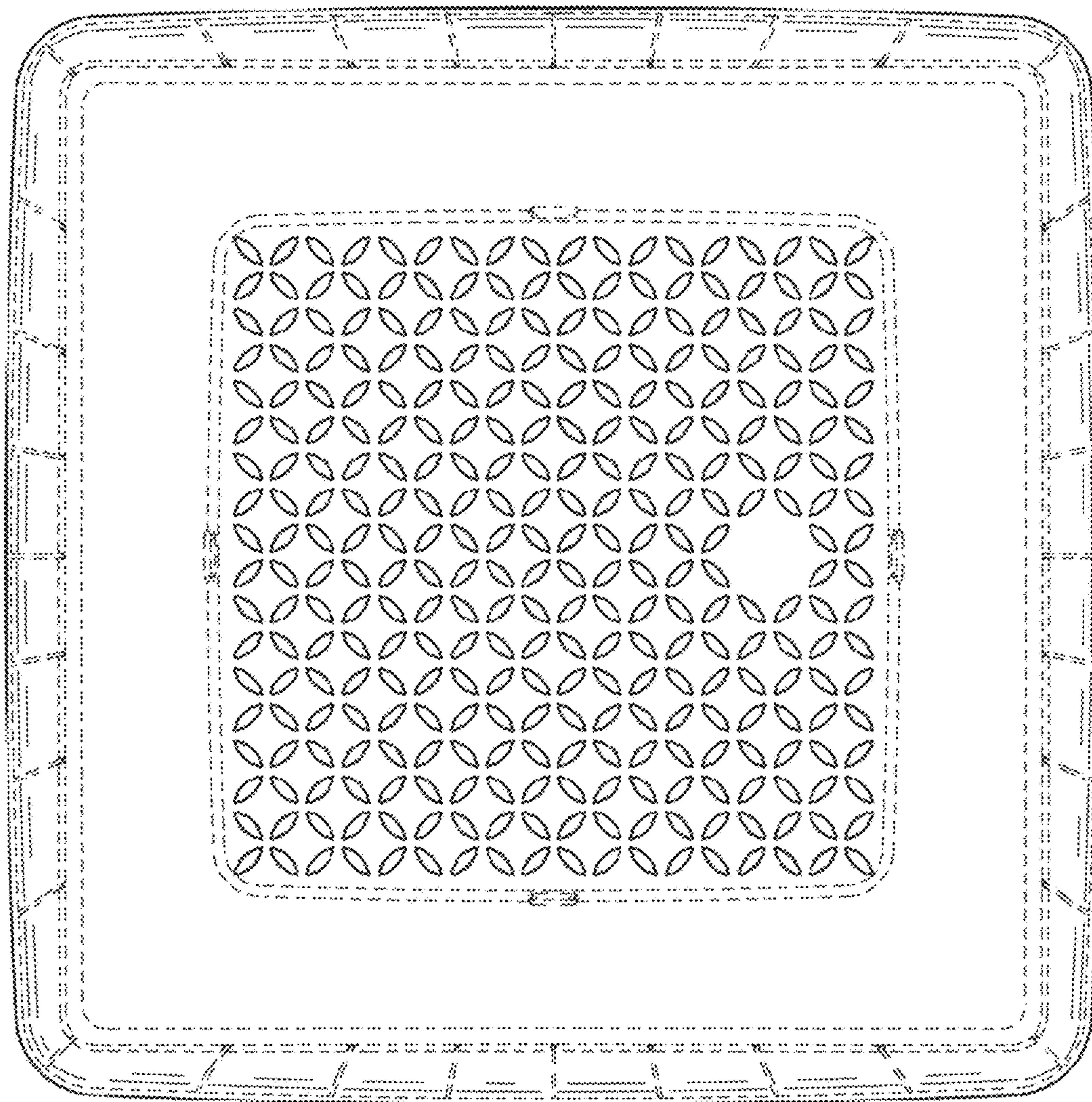


FIG. 3

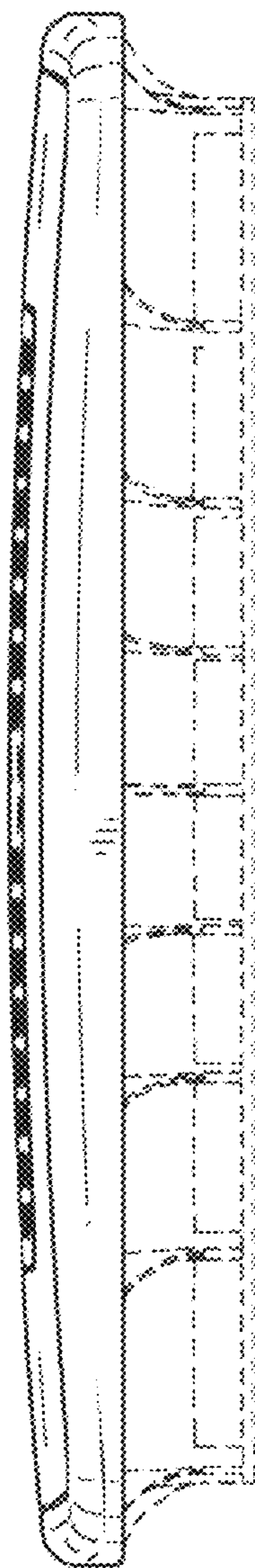


FIG. 4

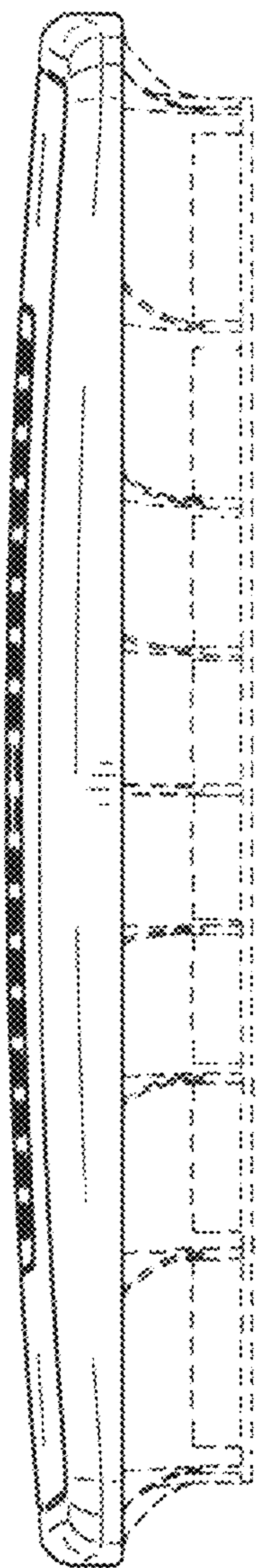


FIG. 5

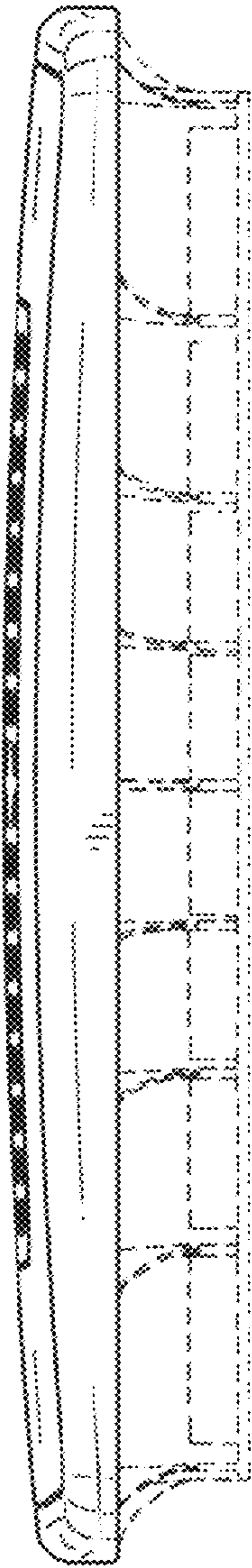


FIG. 6

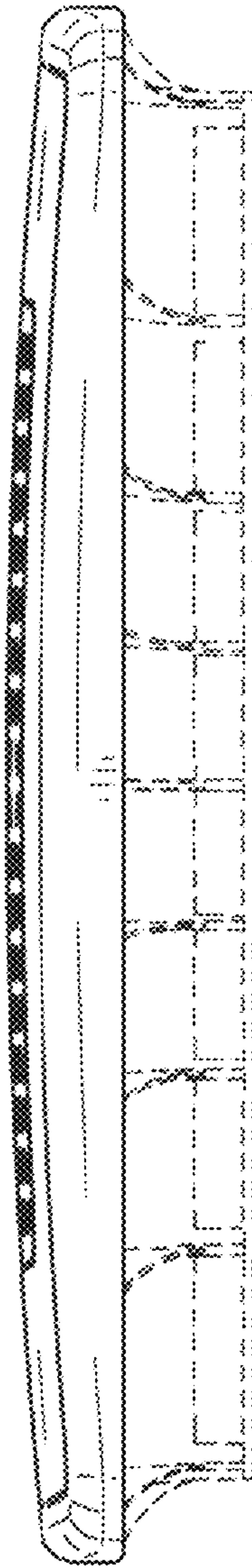


FIG. 7

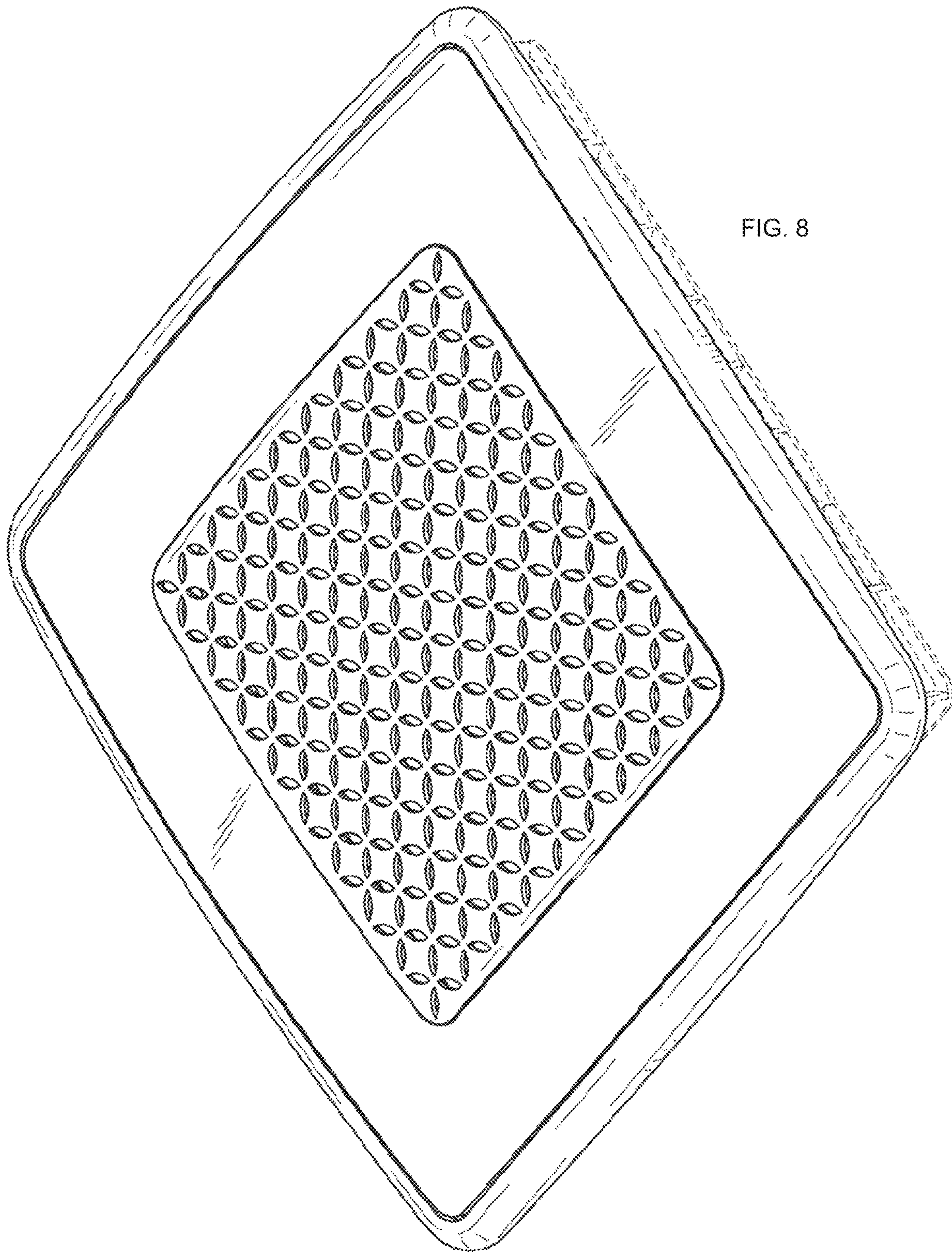


FIG. 8

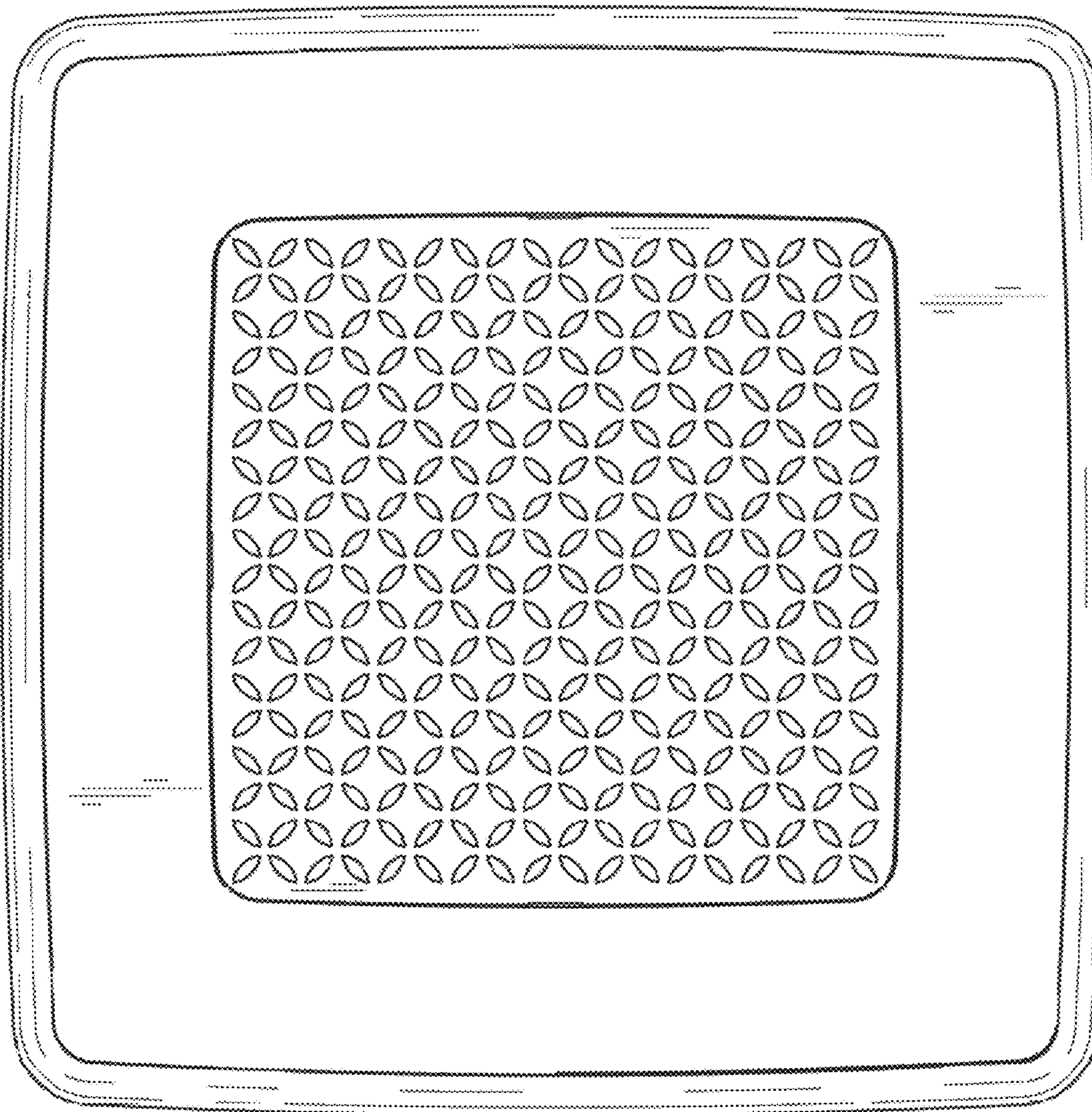


FIG. 9

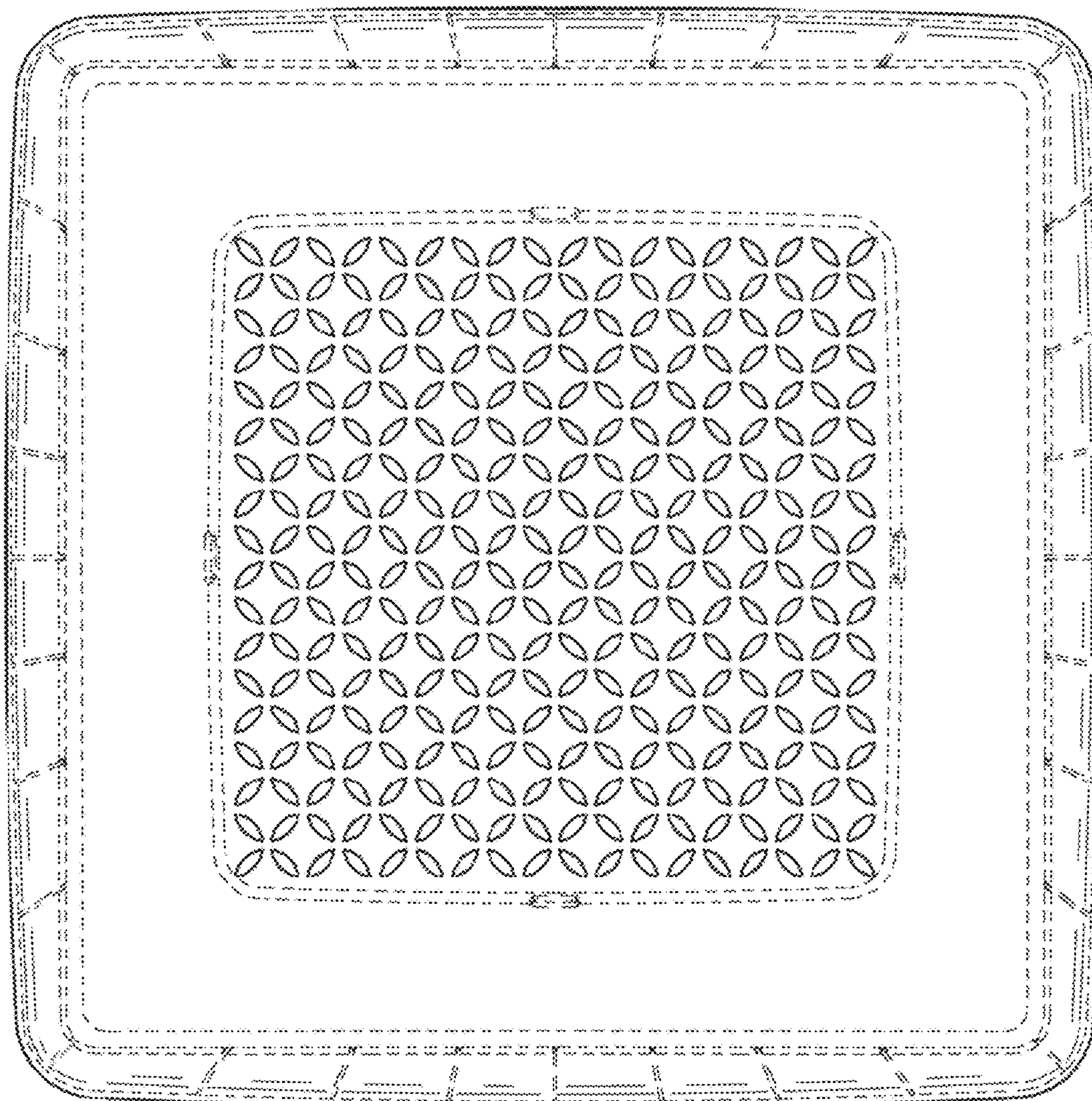


FIG. 10

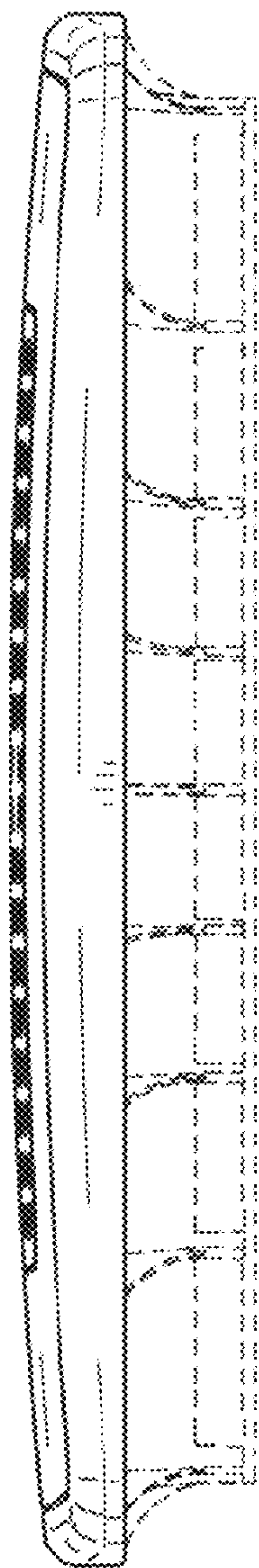


FIG. 11

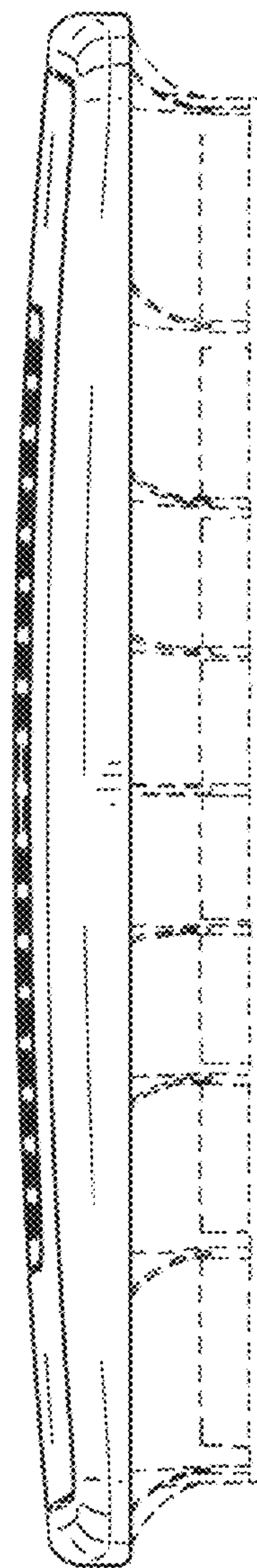


FIG. 12

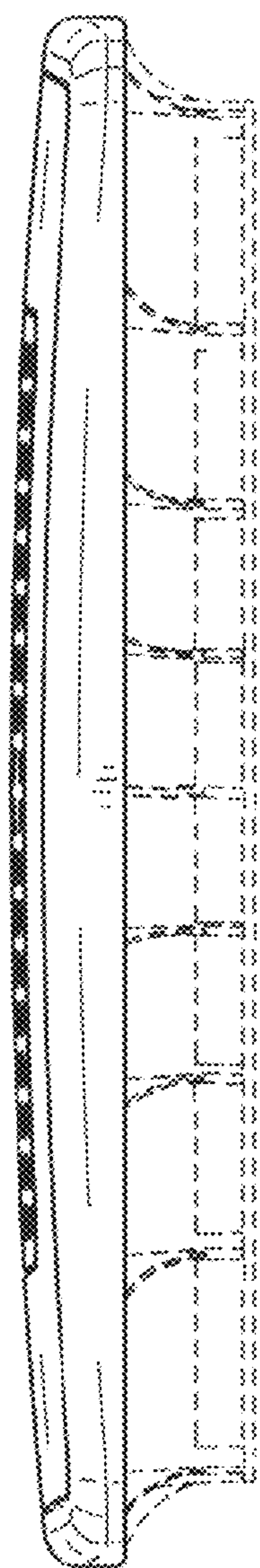


FIG. 13

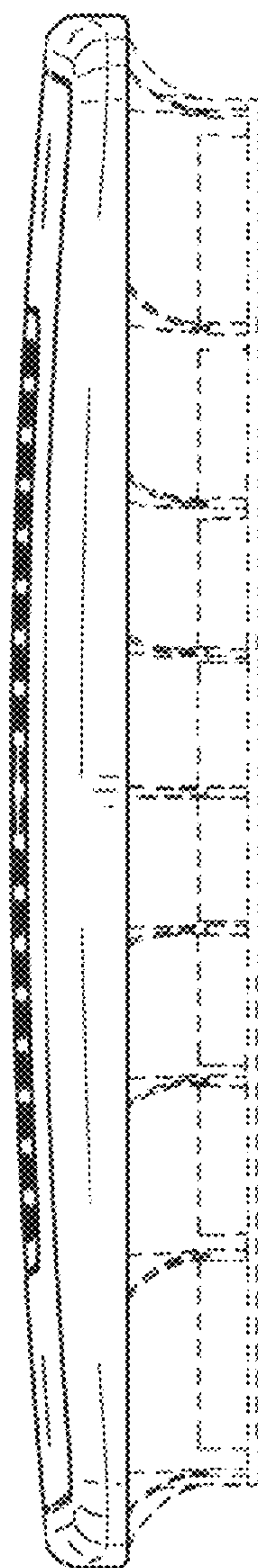


FIG. 14

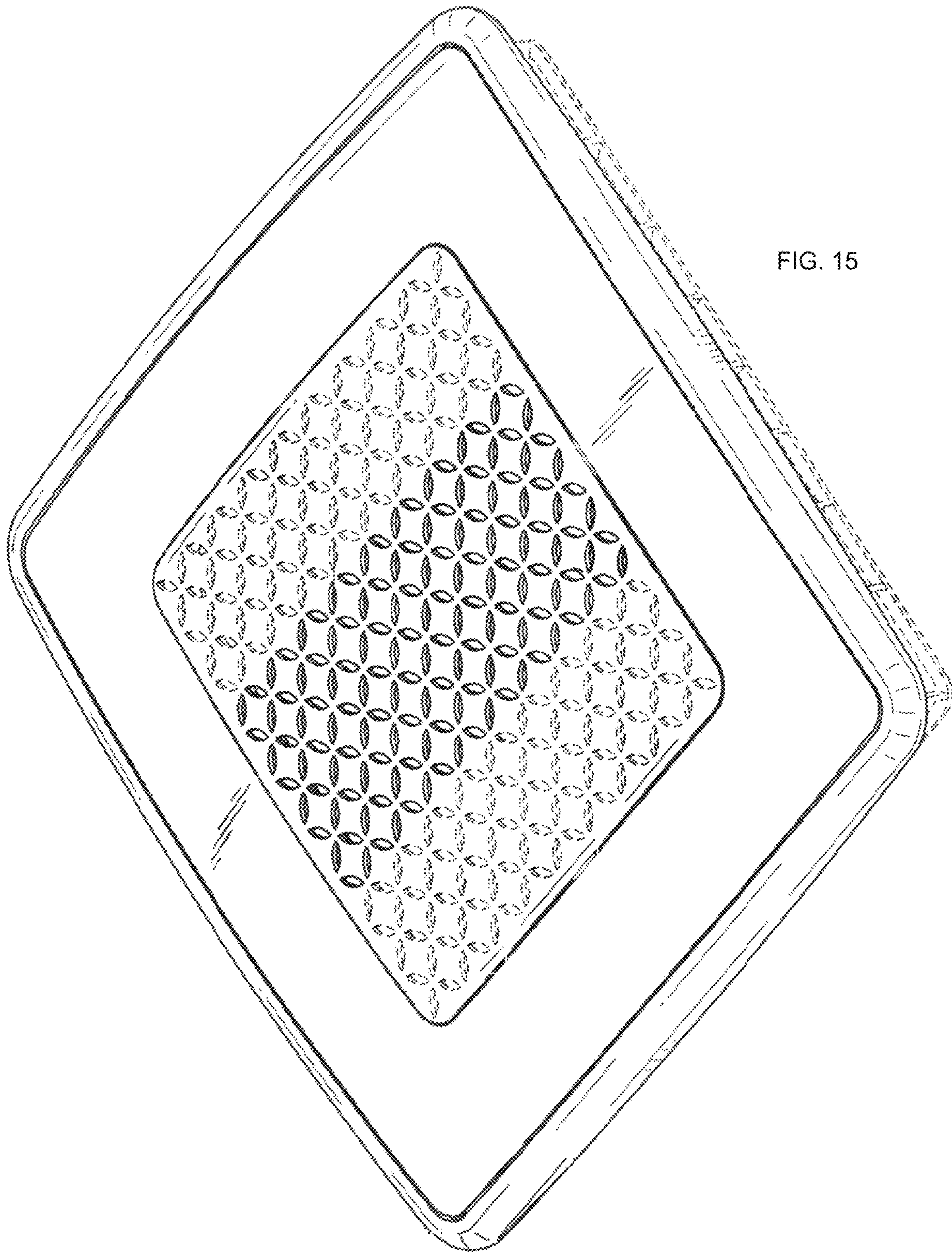


FIG. 15

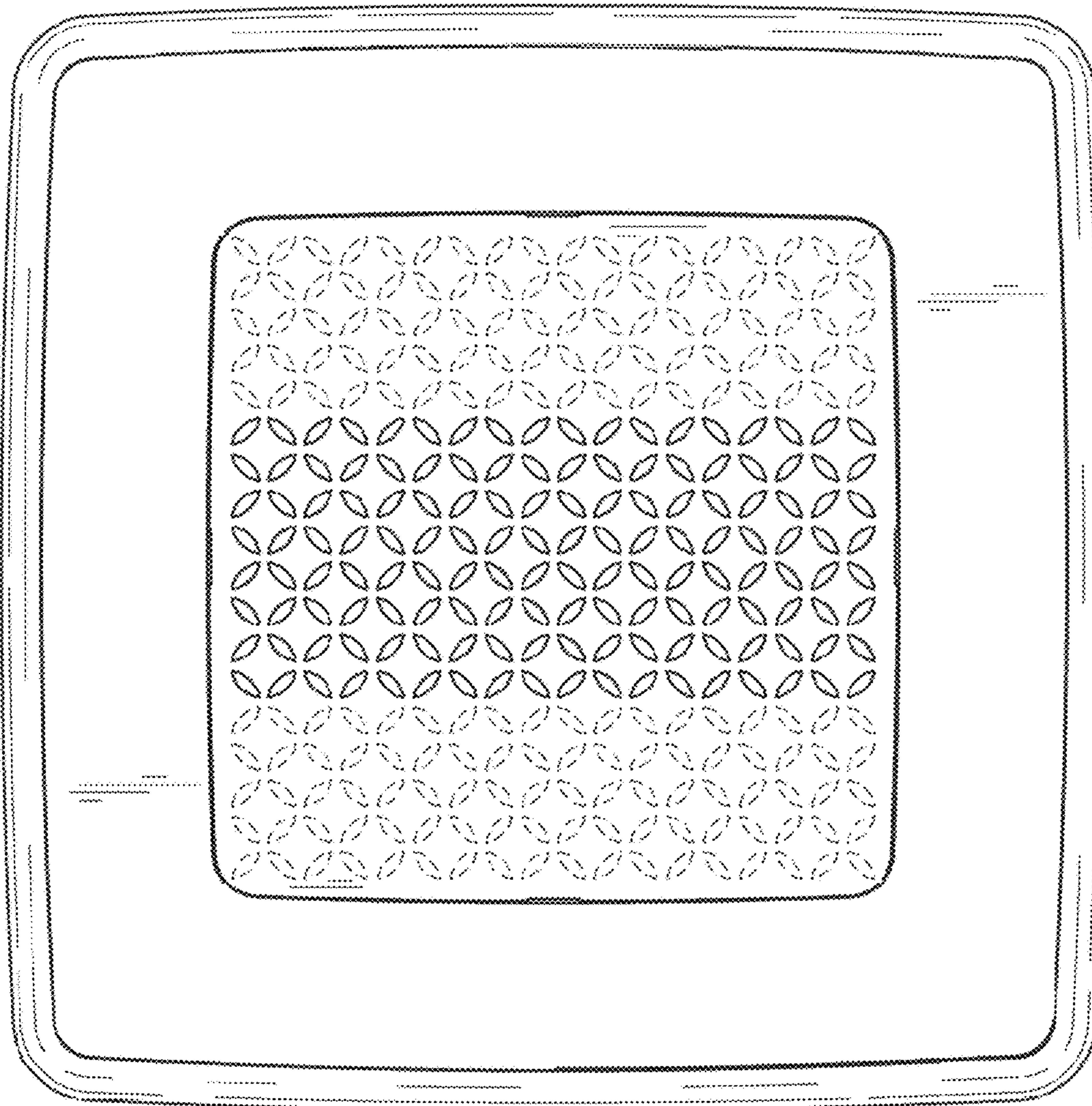


FIG. 16

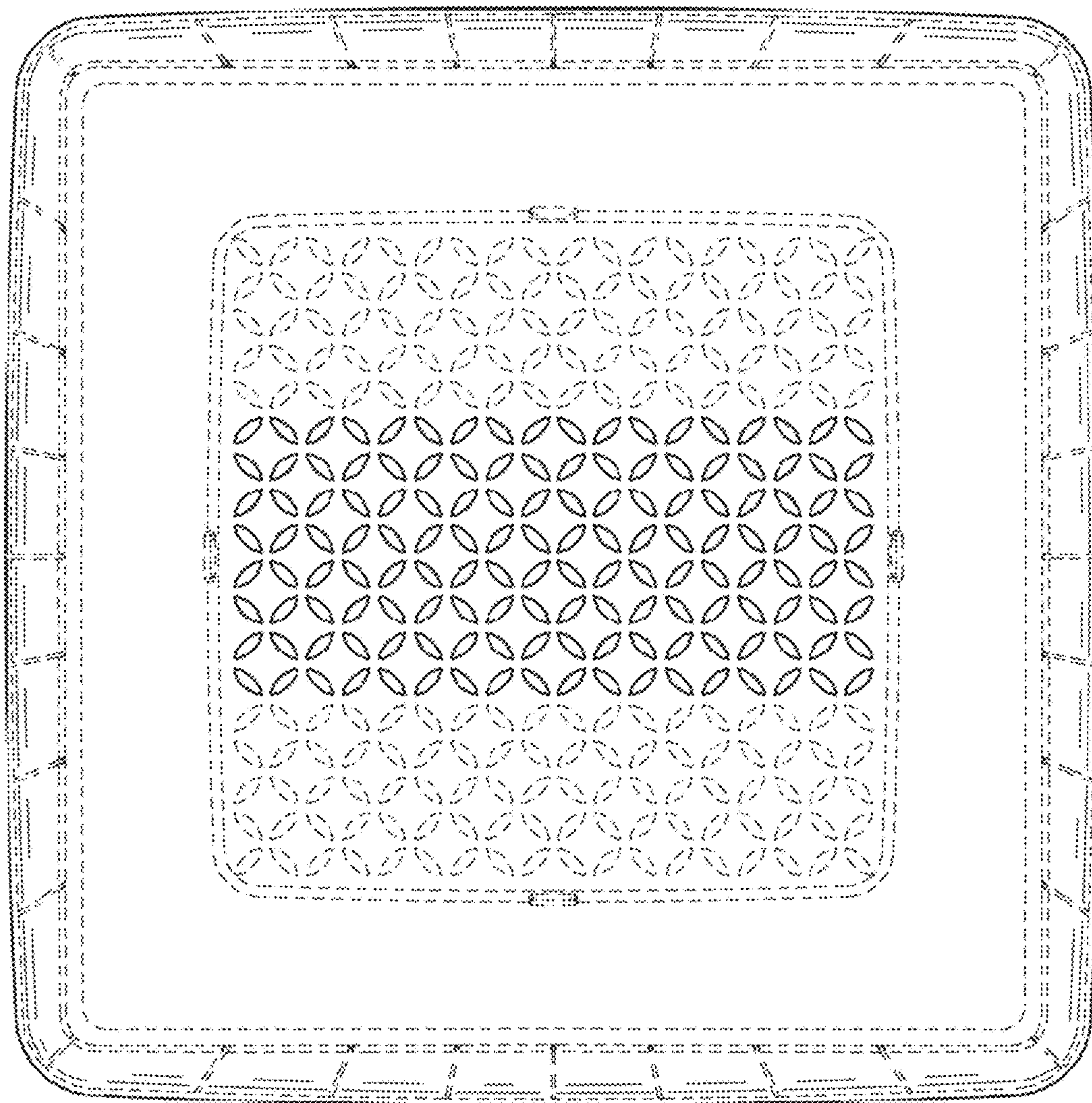


FIG. 17



FIG. 18

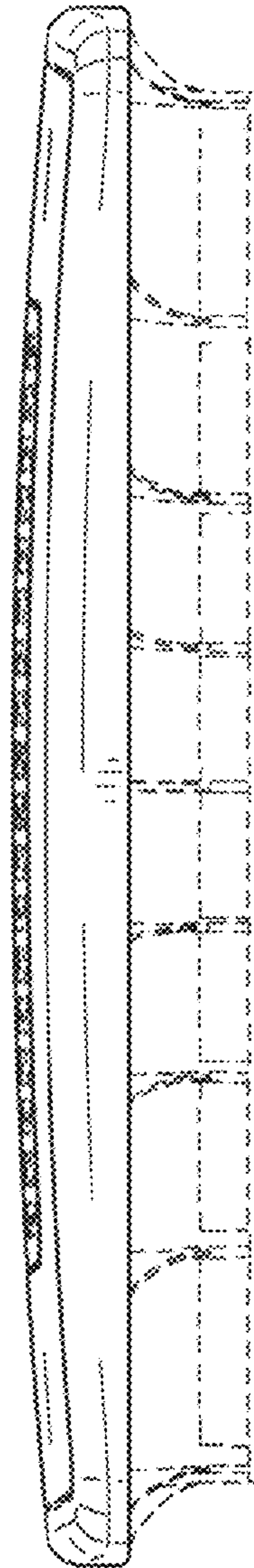


FIG. 19

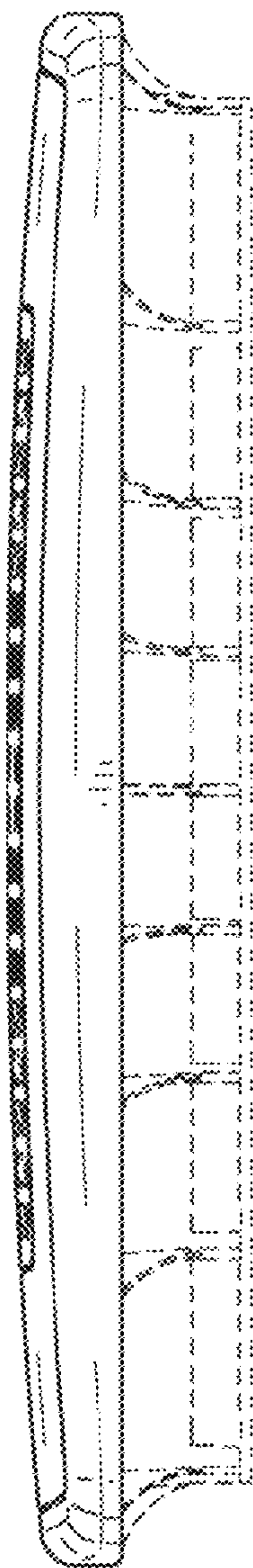


FIG. 20

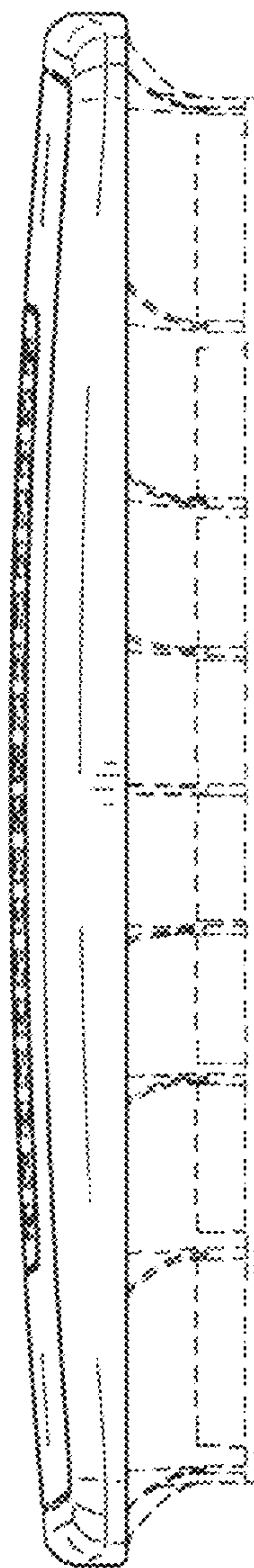


FIG. 21