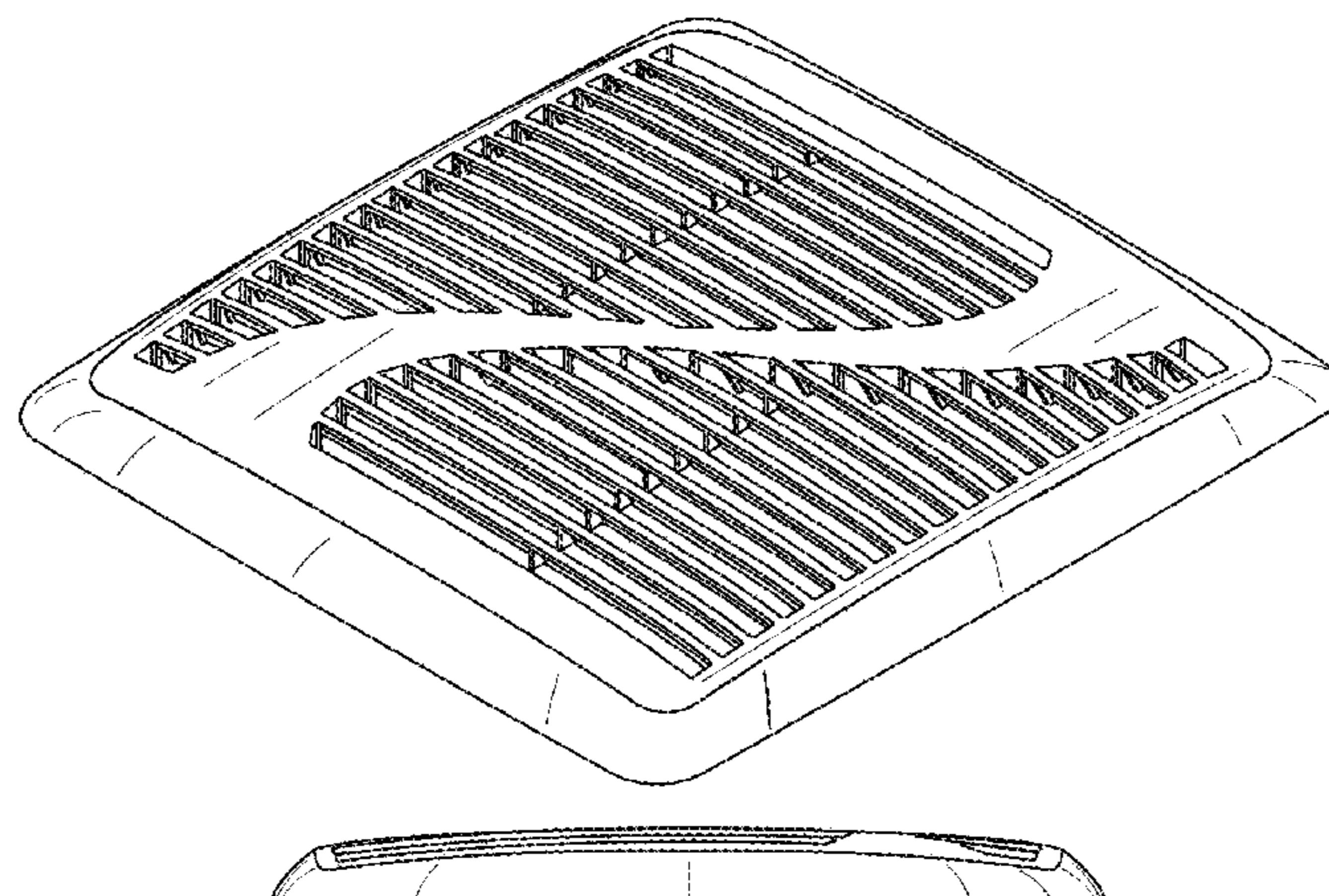




US00D778425S

(12) **United States Design Patent** (10) **Patent No.:** **US D778,425 S**  
**Jonas et al.** (45) **Date of Patent:** **\*\* Feb. 7, 2017**

- (54) **VENTILATOR GRILL** 2,790,375 A 4/1957 Johan  
2,831,550 A \* 4/1958 Bub ..... B01D 39/2082  
55/444
- (71) Applicant: **Broan-NuTone LLC**, Hartford, WI 2,939,377 A \* 6/1960 Stach ..... F24D 5/00  
(US) 454/332
- (72) Inventors: **Kenneth J. Jonas**, Mequon, WI (US); 2,963,956 A 12/1960 Hill  
**Corey Scott Jacak**, West Bend, WI 3,326,112 A 6/1967 Sadlow et al.  
(US); **Benjamin Thorpe Puffer**, 3,460,322 A 8/1969 Rivers et al.  
Hartford, WI (US); **Michael J. Aleven**, 3,861,894 A 1/1975 Marsh  
West Bend, WI (US) D267,828 S \* 2/1983 Cohen ..... D5/53  
D276,282 S \* 11/1984 Burg ..... D5/55  
D287,888 S 1/1987 Castor et al.  
4,722,266 A 2/1988 Deckert
- (73) Assignee: **Broan-NuTone LLC**, Hartford, WI D315,790 S \* 3/1991 Koessler ..... D23/388  
(US) D323,554 S \* 1/1992 Hoyt ..... D23/369  
D330,585 S 10/1992 Saito et al.  
D331,458 S 12/1992 Saito et al.
- (\*\*) Term: **14 Years** D334,053 S \* 3/1993 Cook ..... D23/370  
D338,954 S \* 8/1993 Brock ..... D23/387  
5,333,830 A \* 8/1994 Millen ..... E04C 2/2885  
248/678
- (21) Appl. No.: **29/514,070** D357,732 S \* 4/1995 Spechts ..... D23/388  
D366,521 S \* 1/1996 Wijaranakula ..... D23/366  
D367,924 S \* 3/1996 Patel ..... D23/366
- (22) Filed: **Jan. 8, 2015** D372,767 S 8/1996 Borges  
D374,927 S 10/1996 Chabot  
D375,350 S \* 11/1996 Patel ..... D23/366
- (51) **LOC (10) Cl.** ..... **23-04** D376,639 S 12/1996 Moore  
D387,859 S 12/1997 Ukai et al.  
D395,494 S \* 6/1998 Becker ..... D23/366  
D396,275 S \* 7/1998 Pearson ..... D23/355  
D398,417 S \* 9/1998 Fritzsche ..... D26/119
- (52) **U.S. Cl.** D401,682 S 11/1998 Galeazzi et al.  
USPC ..... **D23/388** D403,442 S 12/1998 Joss  
D424,672 S 5/2000 Nanjo  
D426,292 S \* 6/2000 Nanjo ..... D23/351  
D427,303 S \* 6/2000 Brown ..... D23/390  
D431,075 S \* 9/2000 Barraclough ..... D23/366  
D433,116 S \* 10/2000 Han ..... D23/393  
D434,126 S 11/2000 Caronna et al.  
D437,405 S \* 2/2001 Schrank ..... D23/393  
D438,948 S \* 3/2001 Schrank ..... D23/393  
D443,924 S \* 6/2001 Renella ..... D23/366  
D446,850 S \* 8/2001 Arlotta ..... D23/393  
D452,905 S 1/2002 Peng  
D452,906 S 1/2002 Peng  
D453,564 S \* 2/2002 Schrank ..... D23/393  
D454,391 S \* 3/2002 Schrank ..... D23/393  
D457,232 S 5/2002 Miura  
D457,616 S 5/2002 Yamanaka et al.  
D461,235 S \* 8/2002 Arlotta ..... D23/393  
D464,718 S \* 10/2002 Wilson ..... D23/341
- (58) **Field of Classification Search**  
USPC .... D17/20, 22, 23; D11/143, 144; D13/182;  
D23/323, 328, 333, 335, 336, 337, 341,  
D23/352, 357, 370, 385, 386, 397, 399,  
D23/400, 406, 411, 413, 499, 388, 412  
CPC ..... B64C 11/04; B64C 11/16; B64C 11/18;  
B64C 11/20; B64C 2001/009; F03D  
3/062; F03D 11/04; F04D 19/002; F04D  
25/068; F04D 25/088; F04D 19/00; F04D  
17/16; F04D 25/14; F04D 25/0606; F04D  
29/626; F24F 1/0018; F24F 7/007; F24F  
13/10; F24F 13/32; B64D 13/02; E04C  
2/427; E06B 3/5892; B24B 37/04; B01D  
46/00; F24H 3/04  
See application file for complete search history.
- (56) **References Cited**  
U.S. PATENT DOCUMENTS  
2,220,127 A \* 11/1940 Slayter ..... B01D 46/00  
210/495  
2,576,860 A 11/1951 Eli



# US D778,425 S

6,503,060	B1 *	1/2003	Kamada .....	F04D 29/542 415/121.2	D655,804 S *	3/2012	Platt .....	D23/365
D470,233	S *	2/2003	Sarkinen .....	D23/388	D657,036 S *	4/2012	Vetu .....	D23/364
D480,791	S	10/2003	Phillips		D657,858 S *	4/2012	Platt .....	D23/365
D481,822	S	11/2003	Wang		D665,225 S *	8/2012	Zakula .....	D7/409
D482,778	S *	11/2003	Shapiro .....	D23/412	8,256,241 B2	9/2012	Ikeda et al.	
6,651,454	B1 *	11/2003	Spiegel .....	F24F 13/32 62/259.1	D678,010 S	3/2013	Sudmalis	
6,723,428	B1 *	4/2004	Foss .....	A01N 57/16 428/324	D678,497 S	3/2013	Tom	
D490,147	S	5/2004	Miura		D678,995 S	3/2013	Hoshino et al.	
6,750,760	B2	6/2004	Albritton et al.		D681,794 S	5/2013	Lin et al.	
D493,516	S	7/2004	Harbutt et al.		D682,455 S	5/2013	Apetauer et al.	
D510,432	S	10/2005	Bargiel		D690,869 S	10/2013	Katz et al.	
D510,996	S	10/2005	Vladika		D701,952 S *	4/2014	Hoshino .....	D23/388
D512,503	S	12/2005	Roland		D702,827 S	4/2014	Mase et al.	
D514,221	S *	1/2006	Vladika .....	D23/412	D704,318 S *	5/2014	Martel .....	D23/323
D530,808	S	10/2006	Sinur et al.		D705,409 S	5/2014	Hagiwara	
D531,301	S	10/2006	Sinur et al.		D705,417 S	5/2014	Lin et al.	
D533,956	S	12/2006	Vladika		D706,404 S	6/2014	Tsuji	
D535,431	S	1/2007	Roland		D706,518 S *	6/2014	Pearson .....	D1/127
D535,433	S	1/2007	Craw et al.		D706,916 S *	6/2014	Penlesky .....	D23/370
D539,404	S	3/2007	Nagahori		D709,170 S	7/2014	Tsuji	
D539,887	S *	4/2007	Kato .....	D23/351	D710,000 S *	7/2014	Moreno .....	D23/386
D539,888	S *	4/2007	Tsuji .....	D23/351	D713,952 S	9/2014	Jepson	
D541,689	S	5/2007	Meyers et al.		D713,953 S	9/2014	Jepson	
D541,927	S *	5/2007	Yamanaka .....	D23/388	8,851,349 B2 *	10/2014	Wheatley .....	B60R 11/02 224/277
D543,270	S *	5/2007	Miura .....	D23/385	8,864,447 B1	10/2014	Humphrey	
D545,487	S *	6/2007	Bynum .....	D26/120	D716,772 S	11/2014	Cavero et al.	
D550,344	S *	9/2007	Weggelaar .....	D23/366	D718,086 S *	11/2014	Lewis .....	D7/391
D551,750	S *	9/2007	Wefler .....	D23/366	D718,434 S *	11/2014	Diamond .....	D23/388
D555,777	S *	11/2007	Aveldson .....	D23/365	D720,442 S	12/2014	Kosuge	
D565,716	S	4/2008	Jacak		D725,624 S	3/2015	Carney et al.	
D565,717	S	4/2008	Jacak et al.		D728,772 S	5/2015	Santeler et al.	
D566,257	S *	4/2008	Deng .....	D23/371	D730,510 S *	5/2015	Schanzenbach .....	D23/393
D566,262	S *	4/2008	Zakula .....	D23/388	9,022,846 B1	5/2015	Tom	
D567,352	S *	4/2008	Hollingsworth .....	D23/388	9,028,212 B1	5/2015	Tom	
D567,353	S	4/2008	Hollingsworth et al.		D733,861 S	7/2015	Haaf et al.	
D567,354	S *	4/2008	Jacak .....	D23/388	D733,863 S	7/2015	Funnell, II et al.	
D567,355	S	4/2008	Zakula et al.		9,103,104 B1	8/2015	Tom	
D567,932	S *	4/2008	Hollingsworth .....	D23/388	D738,482 S	9/2015	Lin et al.	
D567,933	S *	4/2008	Hollingsworth .....	D23/388	D738,538 S *	9/2015	Lillejord .....	D25/138
D568,460	S *	5/2008	Jacak .....	D23/388	D739,928 S *	9/2015	Raisanen .....	D23/354
D569,492	S	5/2008	Zakula et al.		9,131,814 B2 *	9/2015	Nakamura .....	A47L 5/22
D570,465	S	6/2008	Miyake et al.		D741,463 S	10/2015	Hauville et al.	
D571,453	S	6/2008	Hsu et al.		D741,648 S *	10/2015	Wahl .....	D23/366
D574,478	S	8/2008	Miyake et al.		D742,494 S	11/2015	Kouketsu et al.	
D575,386	S	8/2008	Jacak et al.		D743,520 S *	11/2015	Sinur .....	D23/372
D575,387	S	8/2008	Zakula et al.		9,182,138 B2	11/2015	Foreman et al.	
D577,431	S *	9/2008	Miyake .....	D23/385	9,188,132 B1	11/2015	Tom	
D577,805	S	9/2008	Adrian et al.		D744,628 S *	12/2015	Alexander .....	D23/370
D581,508	S	11/2008	Miyake et al.		D745,652 S	12/2015	Berkman et al.	
D581,517	S *	11/2008	Koury .....	D23/412	D746,424 S *	12/2015	Takahashi .....	D13/123
D585,129	S *	1/2009	Huang .....	D23/366	D746,427 S *	12/2015	Mecker .....	D23/366
D588,257	S *	3/2009	Reedy .....	D23/388	9,212,668 B2	12/2015	Deng et al.	
D588,688	S *	3/2009	Lablaine .....	D23/368	D747,141 S *	1/2016	Wahl .....	D23/366
D589,605	S	3/2009	Reedy et al.		D747,576 S *	1/2016	Fjellman .....	D32/30
7,537,647	B2 *	5/2009	Adair .....	B01D 45/06 261/DIG. 88	D751,189 S *	3/2016	Suzuki .....	D24/116
D595,830	S *	7/2009	Deng .....	D23/372	D751,247 S	3/2016	Reynolds	
7,581,717	B1 *	9/2009	Thurkill .....	A61L 9/042 239/56	D752,201 S *	3/2016	Herbst .....	D23/370
D602,146	S *	10/2009	Olesen .....	D23/386	D753,869 S *	4/2016	Prijic .....	D26/120
7,596,960	B2	10/2009	Bae		D754,319 S *	4/2016	Park .....	D23/385
D604,834	S *	11/2009	Ungar .....	D24/110.1	9,303,859 B2	4/2016	Horng et al.	
D609,321	S *	2/2010	Tomasulo .....	D23/366	9,303,888 B2	4/2016	Karst et al.	
D609,803	S *	2/2010	Ungar .....	D24/110.1	D755,942 S *	5/2016	Kim .....	D23/364
D618,782	S *	6/2010	Zakula .....	D23/385	2005/0111840 A1	5/2005	Craw et al.	
D621,491	S *	8/2010	Tsuji .....	D23/351	2009/0130970 A1	5/2009	Jacak et al.	
D622,033	S	8/2010	Lambertz		2009/0170421 A1	7/2009	Adrian et al.	
7,850,513	B1	12/2010	Parker et al.		2009/0280737 A1	11/2009	Jacak et al.	
D631,144	S	1/2011	Tsuji		2014/0063796 A1 *	3/2014	Zakula .....	F24F 13/078 362/231
D632,380	S	2/2011	Kim et al.		2015/0125292 A1	5/2015	Karst et al.	
D636,482	S *	4/2011	LeMay .....	D23/388	2015/0140923 A1	5/2015	Penlesky et al.	
D642,667	S *	8/2011	Irwin .....	D23/366	2015/0219118 A1	8/2015	Zakula et al.	
D648,135	S *	11/2011	Lee .....	D5/56	2016/0069561 A1	3/2016	Jonas	
D653,323	S *	1/2012	Jacak .....	D23/371				
D654,998	S *	2/2012	Zakula .....	D23/371				
D655,403	S *	3/2012	Zakula .....	D23/388				

## FOREIGN PATENT DOCUMENTS

CA	163015 S	5/2016
CA	163016 S	5/2016
CA	163017 S	5/2016

CA	163018 S	5/2016
CN	303580221 S	2/2016
CN	303580222 S	2/2016
CN	303580223 S	2/2016
CN	303580224 S	2/2016

OTHER PUBLICATIONS

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/napoleon/napoleon-prestige-pro-450-natural-gas.asp>>.\*

Grille Images, image post date Nov. 23, 2013, site visited May 14, 2016, (online), <<https://www.tineye.com/search/ea95b48bdc1fce15b6d68e4fbc33c0e4e7566460/>>.\*

Finnleo Steam Sauna Ventilation Wood grill, image post date Jun. 6, 2012, site visited May 14, 2016, (online), <<https://www.tineye.com/search/8ff8db465e46f58bcad482160583cb539dc23fa4/>>.\*

GDL Air Distribution Grilles, image post date Nov. 23, 2014, site visited May 14, 2016, (online), <<https://www.tineye.com/search/d0efdc23f3887a1bdc58adaa3fef15c33f2b486b/>>.\*

Air Vent Grille Cover, image post date Nov. 9, 2014, site visited May 14, 2016, (online), <<https://www.tineye.com/search/232b8f674998285163e7a3de47a03ed0f9b1dc6/>>.\*

Manrose FF100P Bathroom Fan, image post date Dec. 12, 2014, site visited May 14, 2016, (online), <<https://www.tineye.com/search/63988ff8b950dad9cb1aacc51119050bdd00cf21/?pluginver=>>>.\*

Airvent 435103 Kitchen Extractor Fan, image post date May 14, 2014, site visited May 14, 2016, (online), <[https://www.amazon.co.uk/Airvent-435103-Kitchen-Extractor-150mm/dp/B0085TQ75U/ref=pd\\_cp\\_107\\_3?ie=UTF8&refRID=1XMRP1Q1QR5H6NZ1MR7C](https://www.amazon.co.uk/Airvent-435103-Kitchen-Extractor-150mm/dp/B0085TQ75U/ref=pd_cp_107_3?ie=UTF8&refRID=1XMRP1Q1QR5H6NZ1MR7C)>.\*

Ultra Green series, image post date Apr. 16, 2014, site visited May 14, 2016, (online), <<http://web.archive.org/web/20140416053348/http://www.broan.com/products/filter/ultra-green-series-fanslights-ca0b225b-9fdb-406c-abf1-ed72241eb706>>.\*

“Air Vent Grille Cover”, [Online]. Retrieved from the Internet: <<https://www.tineye.com/search/232b8f674998285163e7a3de47a03ed0ef9b1dc6/>>, (Nov. 9, 2014).

“Airvent 435103 Kitchen Extractor Fan”, [Online]. Retrieved from the Internet: <[https://www.amazon.co.uk/Airvent-435103-Kitchen-Extractor-150mm/dp/B0085TQ75U/ref=pd\\_cp\\_107\\_3?ie=UTF8&refRID=1XMRP1Q1QR5H6NZ1MR7C](https://www.amazon.co.uk/Airvent-435103-Kitchen-Extractor-150mm/dp/B0085TQ75U/ref=pd_cp_107_3?ie=UTF8&refRID=1XMRP1Q1QR5H6NZ1MR7C)>, (May 14, 2014).

“U.S. Appl. No. 29/514,061, Non Final Office Action mailed May 19, 2016”, 19 pgs.

“U.S. Appl. No. 29/514,061, Response filed Aug. 17, 2016 to Non Final Office Action mailed May 19, 2016”, 6 pgs.

“U.S. Appl. No. 29/514,063, Non Final Office Action mailed May 19, 2016”, 22 pgs.

“U.S. Appl. No. 29/514,063, Response filed Aug. 17, 2016 to Non Final Office Action mailed May 19, 2016”, 8 pgs.

“U.S. Appl. No. 29/514,067, Non Final Office Action mailed May 20, 2016”, 21 pgs.

“U.S. Appl. No. 29/514,067, Response filed Aug. 22, 2016 to Non Final Office Action mailed May 20, 2016”, 6 pgs.

“U.S. Appl. No. 29/514,073, Non Final Office Action mailed May 20, 2016”, 21 pgs.

“U.S. Appl. No. 29/514,073, Response filed Aug. 22, 2016 to Non Final Office Action mailed May 20, 2016”, 6 pgs.

“Canadian Application Serial No. 163,015, Office Action mailed Nov. 10, 2015”, 5 pgs.

“Canadian Application Serial No. 163,015, Response filed Mar. 10, 2016 to Office Action mailed Nov. 10, 2015”, 7 pgs.

“Canadian Application Serial No. 163,016, Office Action mailed Nov. 10, 2015”, 3 pgs.

“Canadian Application Serial No. 163,016, Response filed Mar. 10, 2016 to Office Action mailed Nov. 10, 2015”, 7 pgs.

“Canadian Application Serial No. 163,017, Office Action mailed Nov. 9, 2015”, 3 pgs.

“Canadian Application Serial No. 163,017, Response filed Mar. 9, 2016 to Office Action mailed Nov. 9, 2015”, 8 pgs.

“Canadian Application Serial No. 163,018, Office Action mailed Nov. 9, 2015”, 2 pgs.

“Canadian Application Serial No. 163,018, Response filed Mar. 9, 2016 to Office Action mailed Nov. 9, 2015”, 7 pgs.

“Canadian Application Serial No. 163,019, Office Action mailed Nov. 9, 2015”, 2 pgs.

“Canadian Application Serial No. 163,019, Response filed Mar. 9, 2016 to Office Action mailed Nov. 9, 2015”, 7 pgs.

“Finnleo Steam Sauna Ventilation Wood grill”, [Online]. Retrieved from the Internet: <<https://www.tineye.com/search/8ff8db465e46f58bcad482160583cb539dc23fa4/>>, (Jun. 6, 2012).

“Manrose FF100P Bathroom Fan”, [Online]. Retrieved from the Internet: <<https://www.tineye.com/search/63988ff8b950dad9cb1aacc51119050bdd00cf21/?pluginver=>>>, (Dec. 12, 2014).

“Ultra Green series”, [Online]. Retrieved from the Internet: <<http://web.archive.org/web/20140416053348/http://www.broan.com/products/filter/ultra-406c-abf1-ed72241eb706>>, (Apr. 16, 2014).

“U.S. Appl. No. 29/514,061, Final Office Action mailed Sep. 19, 2016”, 9 pgs.

“U.S. Appl. No. 29/514,067, Notice of Allowance mailed Sep. 20, 2016”, 9 pgs.

“U.S. Appl. No. 29/514,073, Notice of Allowance mailed Sep. 19, 2016”, 8 pgs.

“U.S. Appl. No. 29/514,061, Response filed Nov. 21, 2016 Final Office Action mailed Sep. 19, 2016”, 16 pgs.

“U.S. Appl. No. 29/514,063, Response Filed Oct. 24, 2016 to Non-Final Office Action Mailed May 19, 2016”, 8 pgs.

“U.S. Appl. No. 29/514,073, Corrected Notice of Allowance mailed Oct. 5, 2016”, 2 pgs.

\* cited by examiner

*Primary Examiner* — Kevin Rudzinski

*Assistant Examiner* — Sean D Lough

(74) *Attorney, Agent, or Firm* — Schwegman Lundberg & Woessner, P.A.

(57)

**CLAIM**

The ornamental design for a ventilator grill, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of first embodiment the grill. FIG. 2 is a side view thereof. The other side being a mirror image of this side view.

FIG. 3 is a front view thereof.

FIG. 4 is a back view thereof.

FIG. 5 is a top view thereof.

FIG. 6 is a bottom view thereof.

FIG. 7 is a perspective view of the second embodiment thereof.

FIG. 8 is a side view thereof. The other side being a mirror image of this side view.

FIG. 9 is a front view thereof.

FIG. 10 is a back view thereof.

FIG. 11 is a top view thereof.

FIG. 12 is a bottom view thereof; and,

FIG. 13 is a cross-section view of the first embodiment taken along lines 13-13 of FIG. 5.

The features shown in broken lines depict environmental subject matter only and form no part of the claimed design.

**1 Claim, 13 Drawing Sheets**

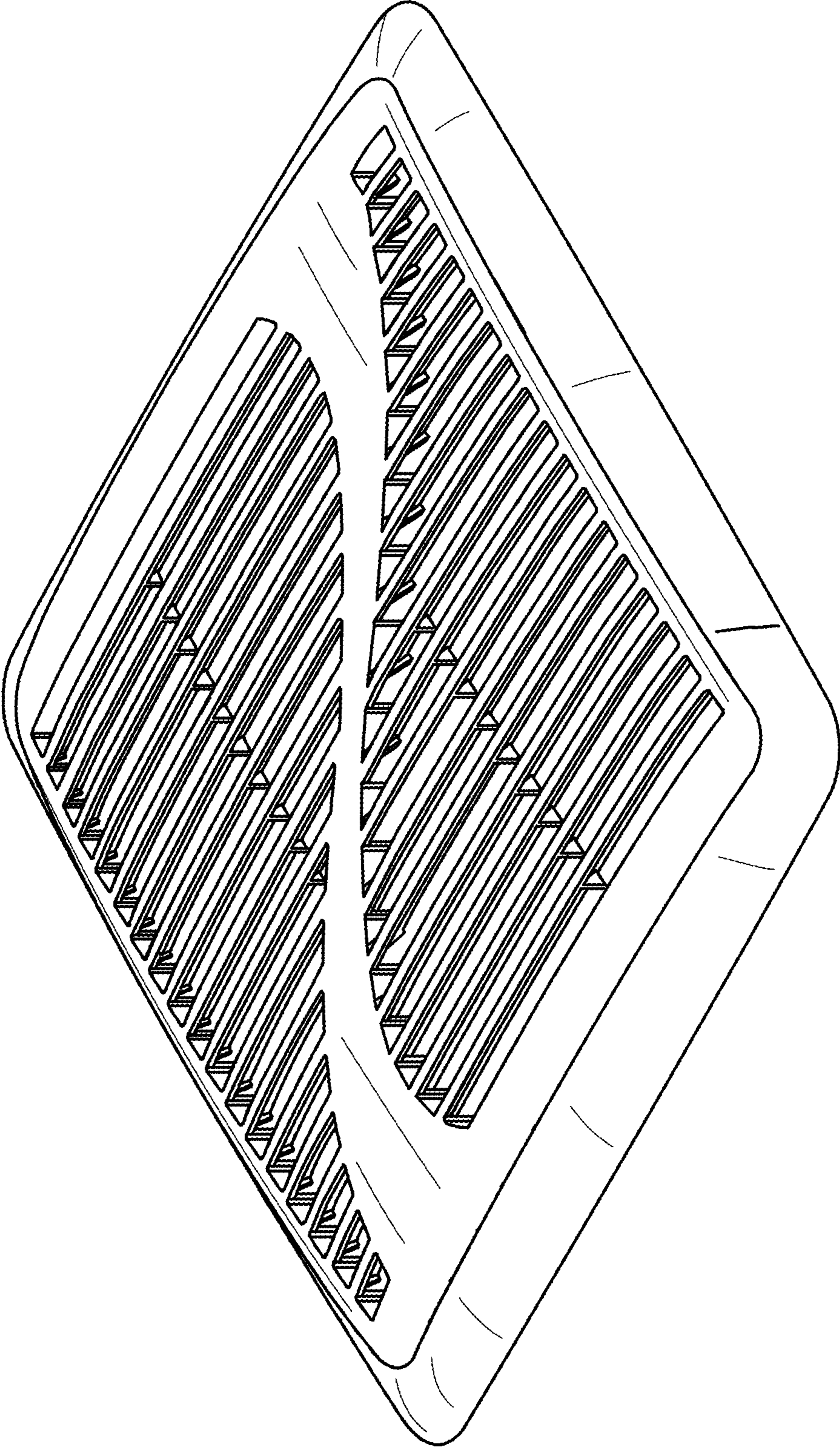


FIG. 1

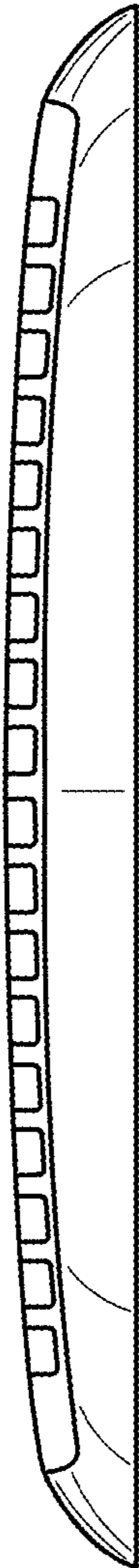


FIG. 2

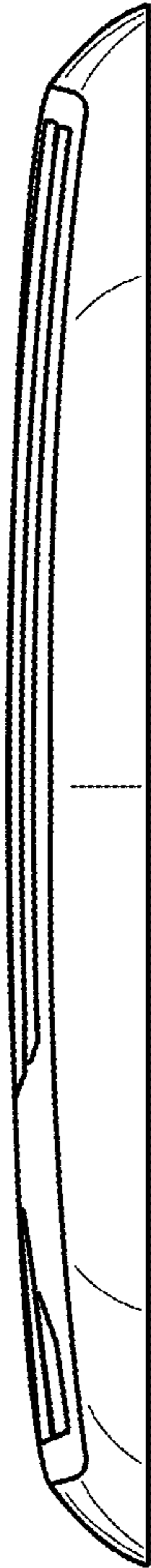
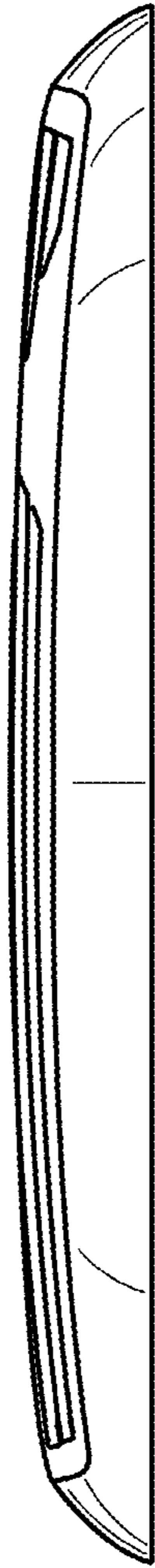
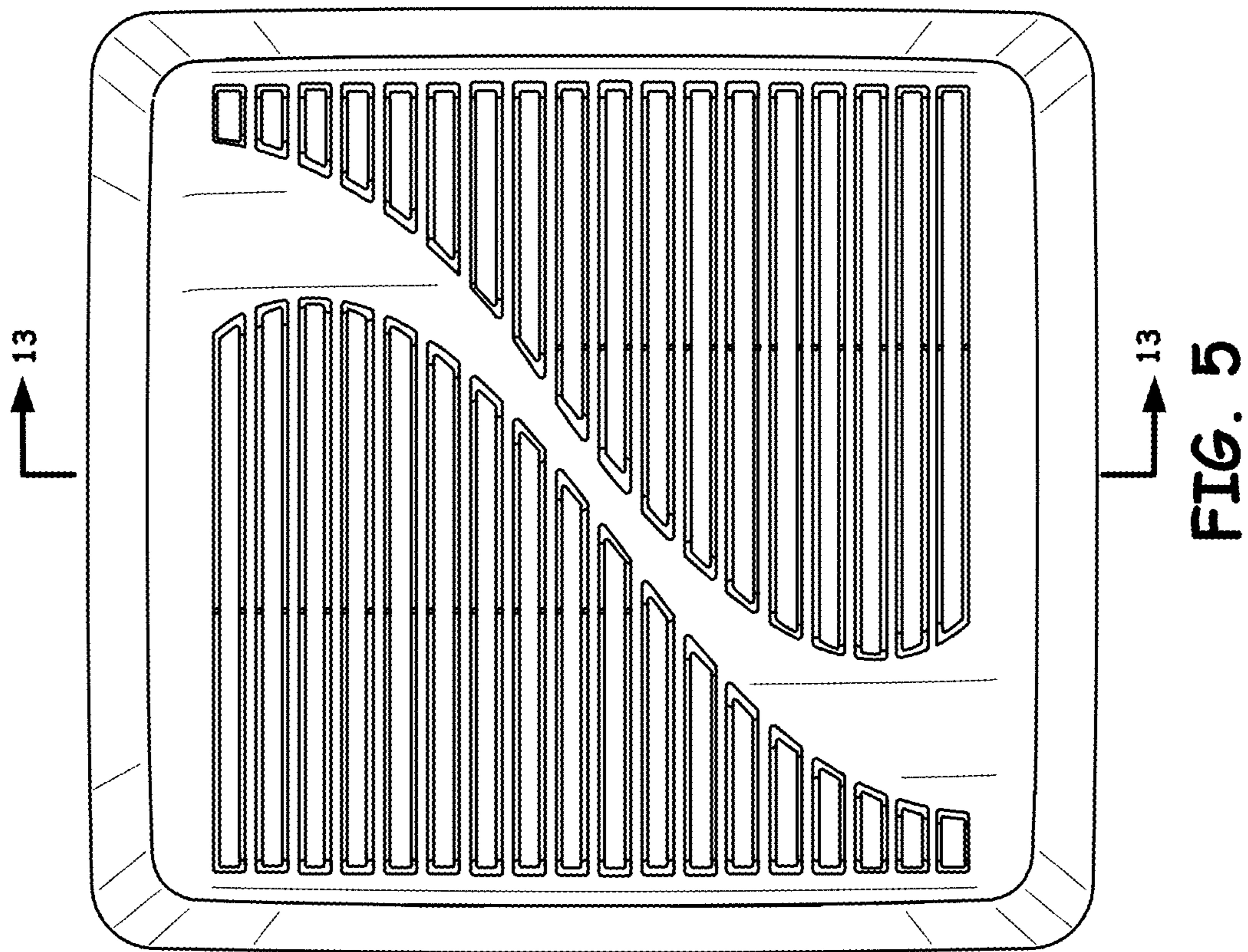


FIG. 3



**FIG. 4**





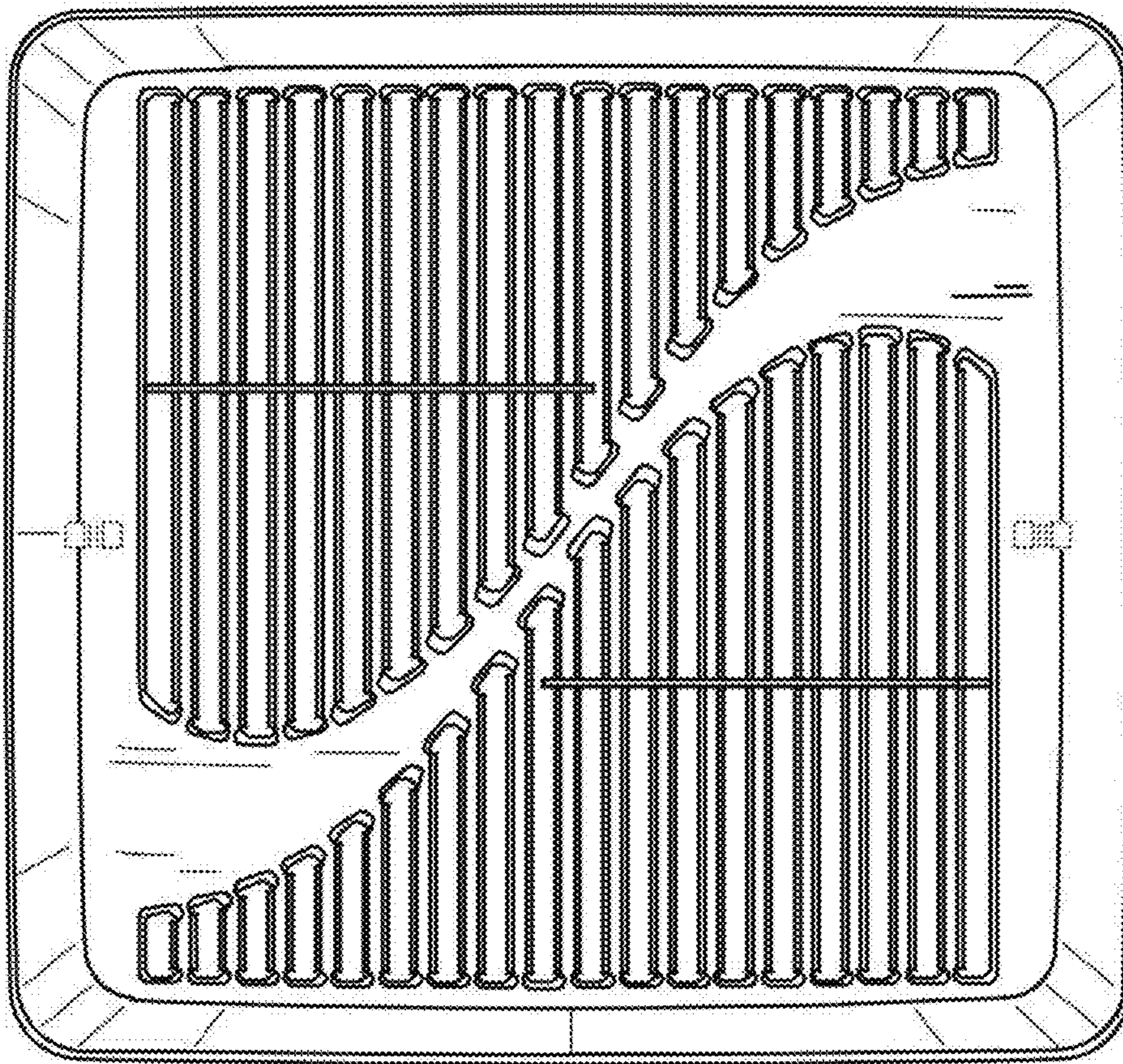


FIG. 6

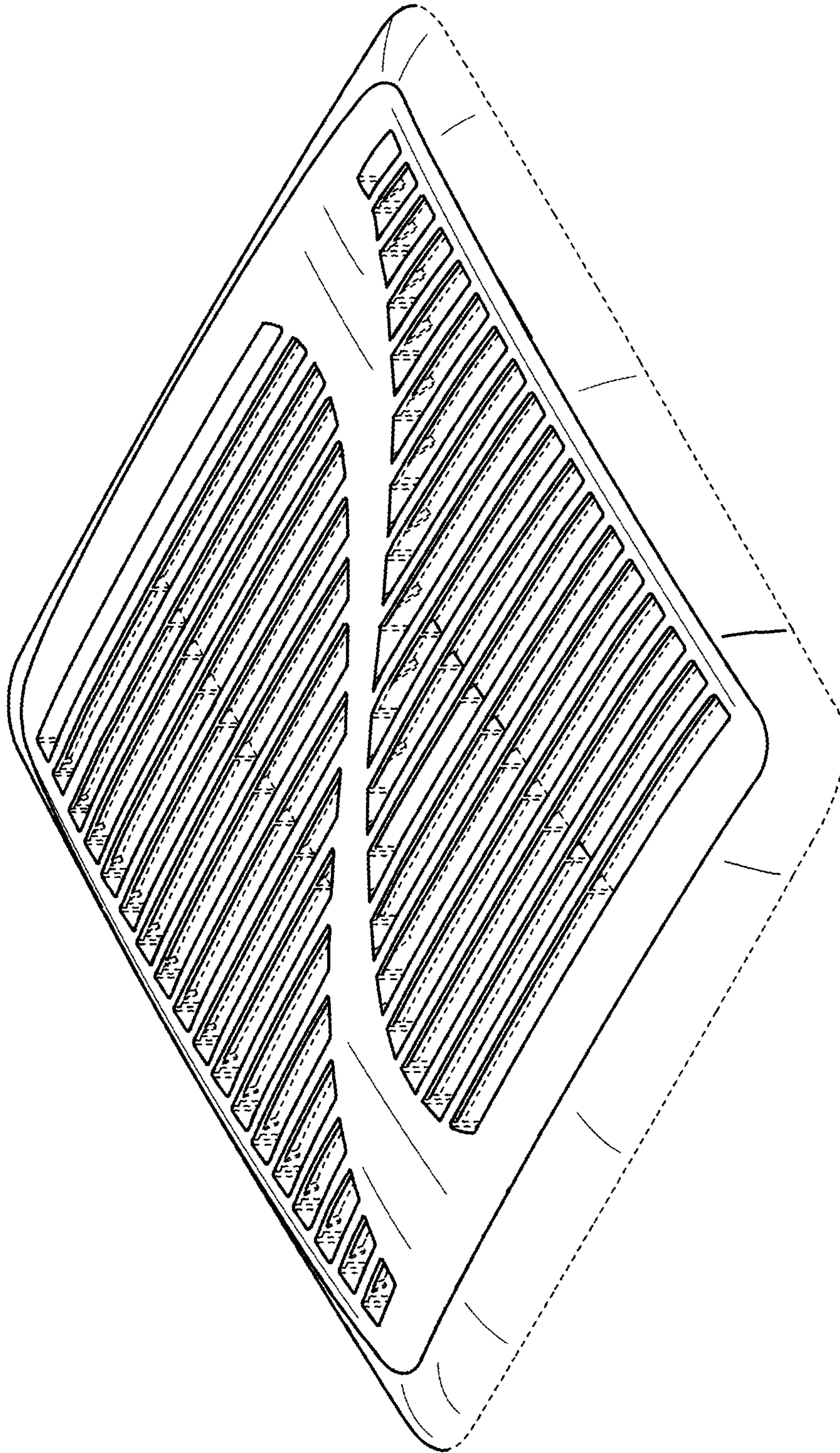


FIG. 7

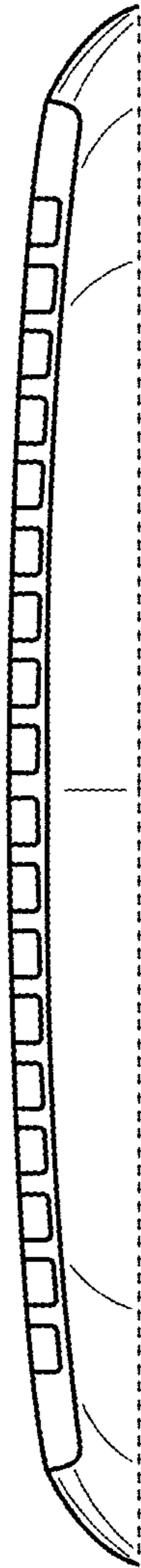


FIG. 8

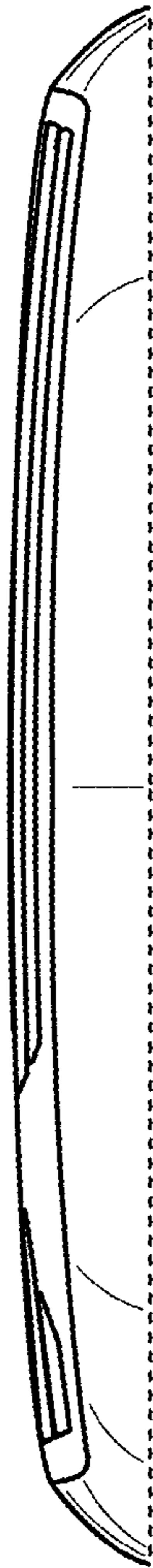


FIG. 9



**FIG. 10**

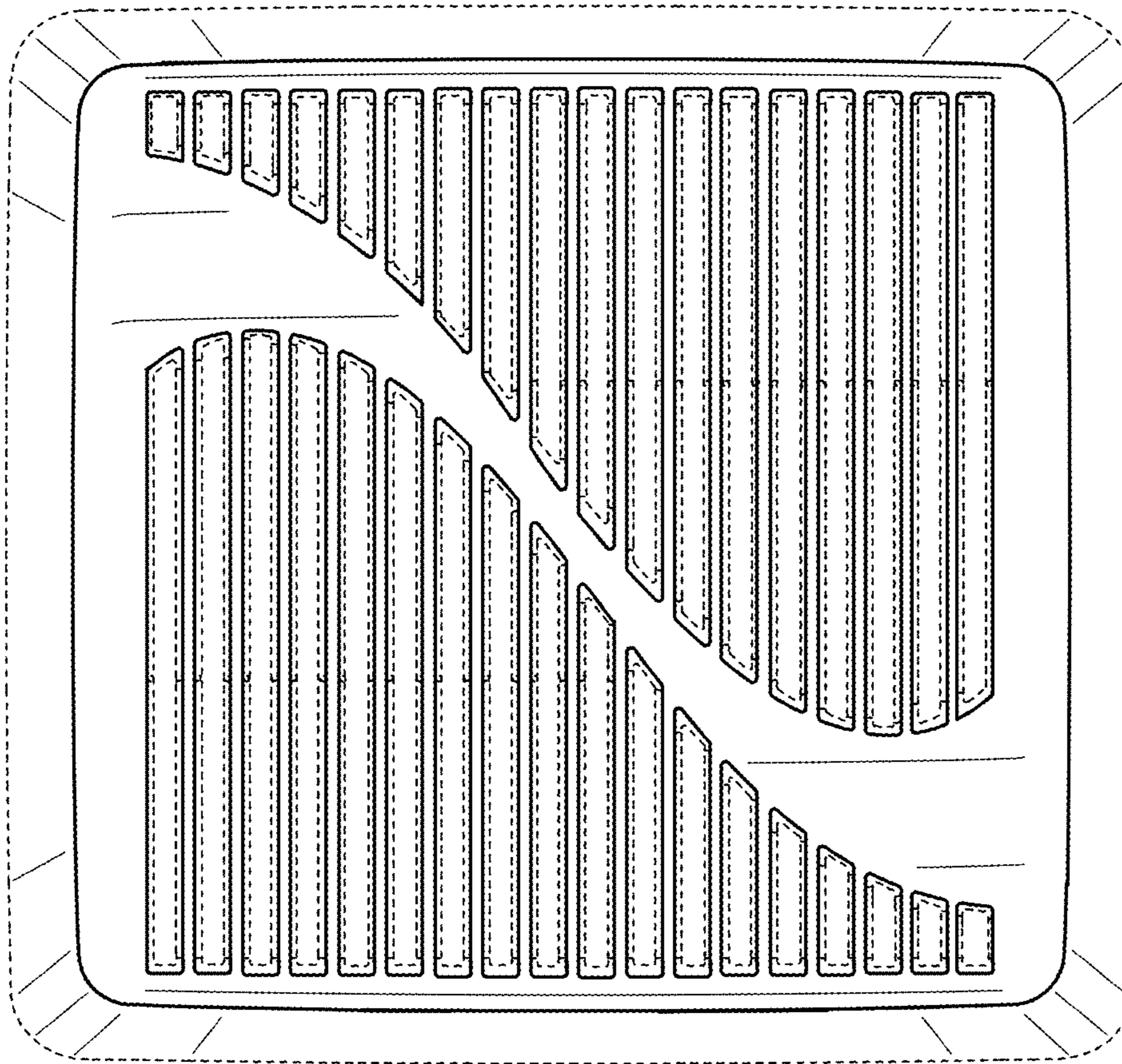


FIG. 11

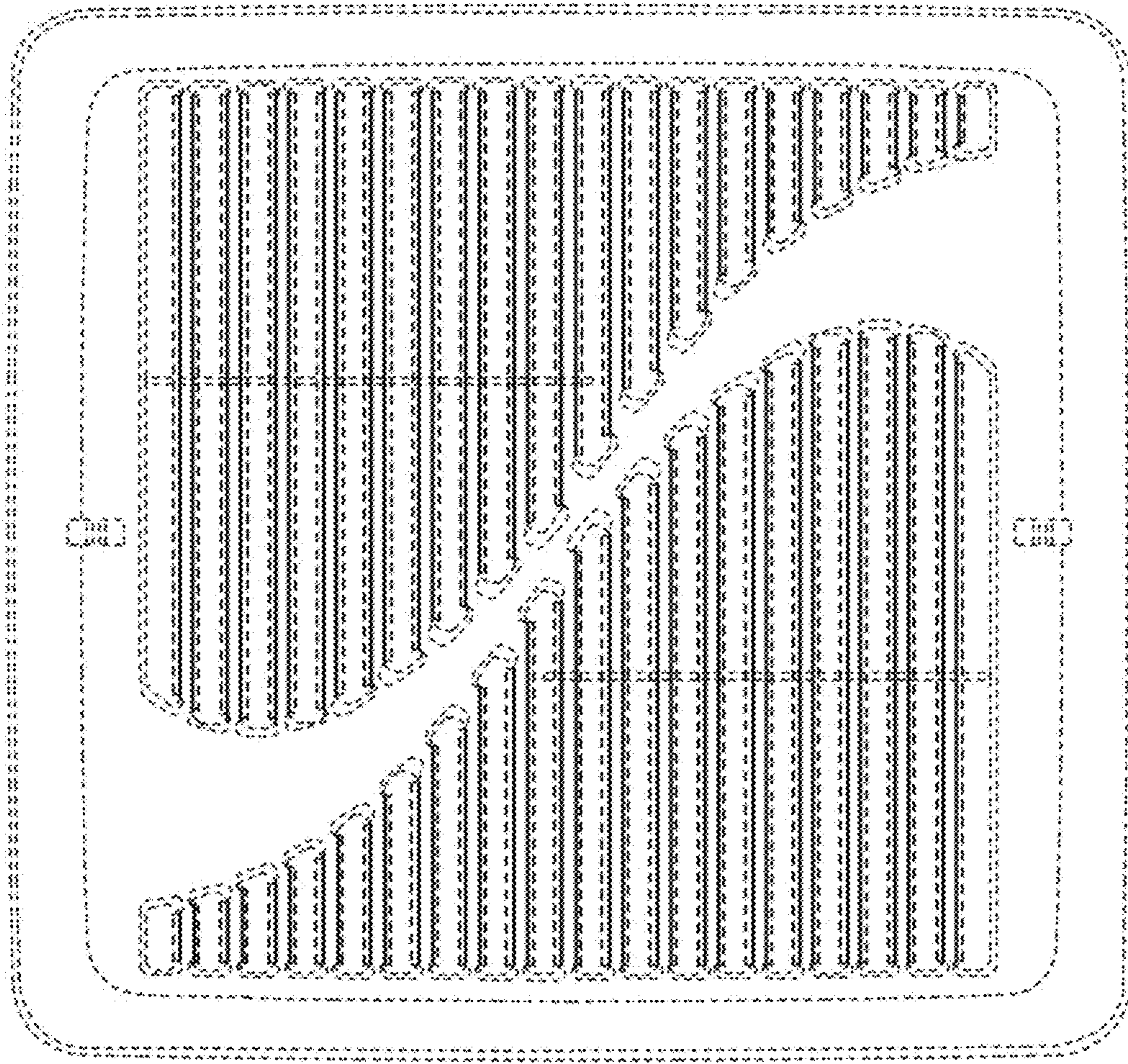


FIG. 12



**FIG. 13**