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

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(54) **AIR CONDITIONER**

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

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**Related U.S. Application Data**

(63) Continuation of application No. 29/594,359, filed on Feb. 17, 2017, now Pat. No. Des. 825,729.

(30) **Foreign Application Priority Data**

Nov. 18, 2016 (KR) ..... 30-2016-0055628

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

(52) **U.S. Cl.**  
USPC ..... **D23/351**

(58) **Field of Classification Search**  
USPC ..... D23/333, 351-354, 388  
CPC .... F24F 1/00; F24F 1/0007; F24F 1/02; F24F 1/08; F24F 1/42; F24F 1/56; F24F 1/60; F24F 3/044; F24F 3/048; F24F 3/16; G05D 23/1905; G05D 23/1932; G05D 23/1902; G05D 23/1931; G05B 19/0426; G05B 19/409; G05B 15/02

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D446,292 S 8/2001 Asakura et al.  
D450,823 S 11/2001 Kobayashi

D465,016 S 10/2002 Nanjo et al.  
D536,430 S \* 2/2007 Miyake ..... D23/351  
D539,889 S \* 4/2007 Chooji ..... D23/351  
D556,879 S 12/2007 Lee  
D563,386 S 3/2008 Foster  
D579,095 S \* 10/2008 Nagahori ..... D23/351

(Continued)

**FOREIGN PATENT DOCUMENTS**

KR 300309346 S 10/2002  
KR 300763595 S 10/2014  
KR 300782782 S 2/2015

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(57) **CLAIM**

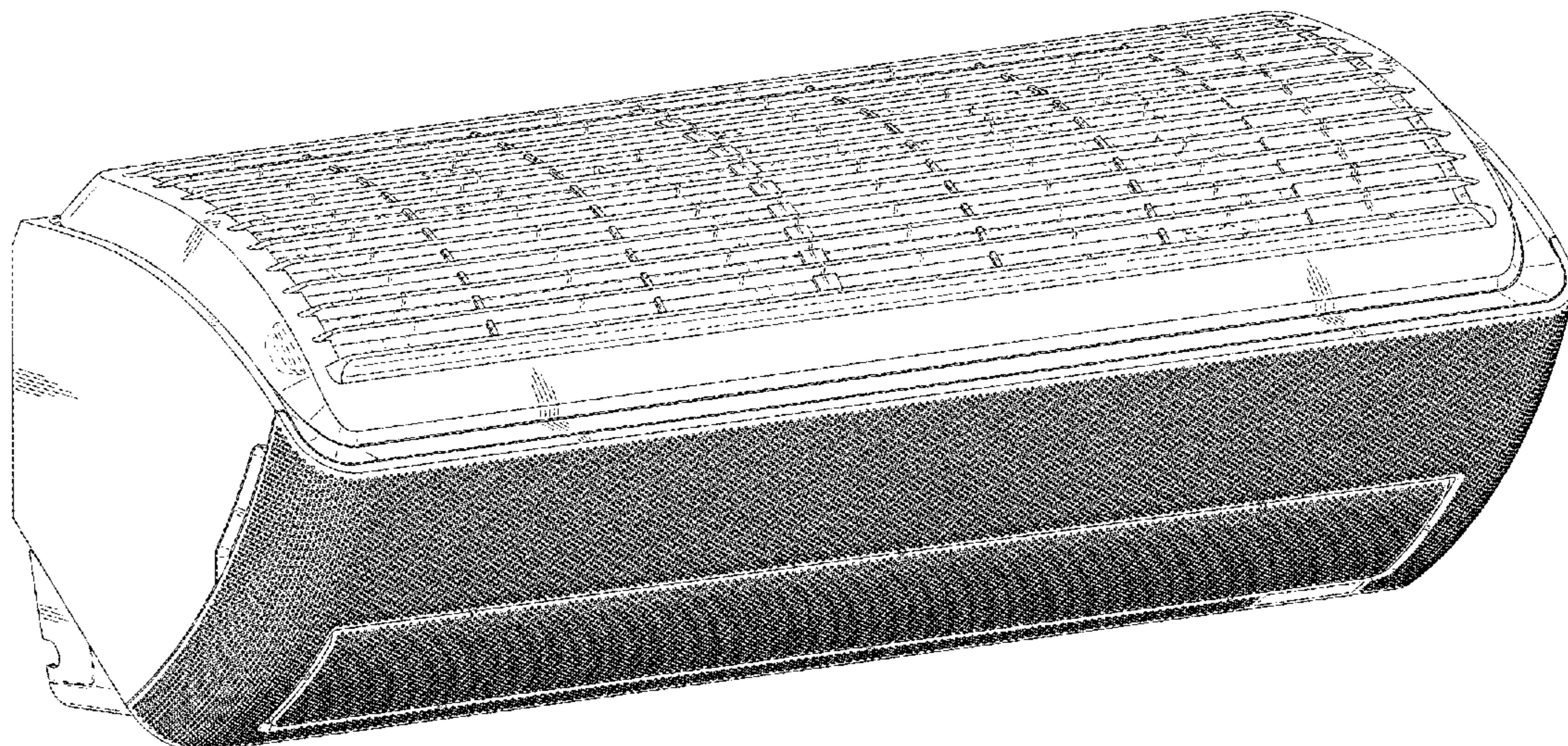
We claim the ornamental design for an air conditioner, as shown and described.

**DESCRIPTION**

FIG. 1 is the front perspective view of an air conditioner showing our new design;  
FIG. 2 is the front view thereof;  
FIG. 3 is the rear view thereof;  
FIG. 4 is the left-side view thereof;  
FIG. 5 is the right-side view thereof;  
FIG. 6 is the top view thereof;  
FIG. 7 is the bottom view thereof;  
FIG. 8 is the bottom perspective view thereof; and,  
FIG. 9 is the enlarged view of the encircled portion in FIG. 2.

The broken lines illustrating portions of the air conditioner form no part of the claimed design. The dot-dash broken lines in the figures represent a boundary line and form no part of the claimed design. The dot-dot-dash broken lines encircling portions of the claimed design that are illustrated in enlargements form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**





(56)

**References Cited**

## U.S. PATENT DOCUMENTS

D580,534 S	11/2008	Oh et al.	
D589,605 S	3/2009	Reedy et al.	
D648,013 S *	11/2011	Baek .....	D23/351
D648,014 S *	11/2011	Baek .....	D23/351
D648,015 S *	11/2011	Baek .....	D23/351
D670,799 S	11/2012	Yamana et al.	
D674,068 S *	1/2013	Baek .....	D23/351
D683,832 S	6/2013	Satou	
D684,246 S	6/2013	Hong et al.	
D690,801 S	10/2013	Nakai et al.	
D700,309 S *	2/2014	Seki .....	D23/351
D708,729 S	7/2014	Platt	
D713,951 S	9/2014	Jepson	
D722,685 S	2/2015	Kim et al.	
D739,845 S	9/2015	Hwang	
D761,405 S *	7/2016	Chouji .....	D23/351
D761,406 S *	7/2016	Zhang .....	D23/351
D763,421 S *	8/2016	Saitou .....	D23/351
D772,386 S	11/2016	Kim et al.	
D777,896 S	1/2017	Rizzi et al.	
D777,897 S	1/2017	Rizzi et al.	
D783,136 S	4/2017	Park et al.	
D787,656 S	5/2017	Yoo et al.	
D800,284 S *	10/2017	Fujigaya .....	D23/351
D801,498 S *	10/2017	Li .....	D23/351
D814,001 S *	3/2018	Arai .....	D23/351
D814,617 S	4/2018	Shin et al.	
D819,597 S	6/2018	Hu	
D825,729 S	8/2018	Shin et al.	
D835,605 S	12/2018	Schoolmeester et al.	
D857,867 S *	8/2019	Shin .....	D23/351

\* cited by examiner

FIG. 1

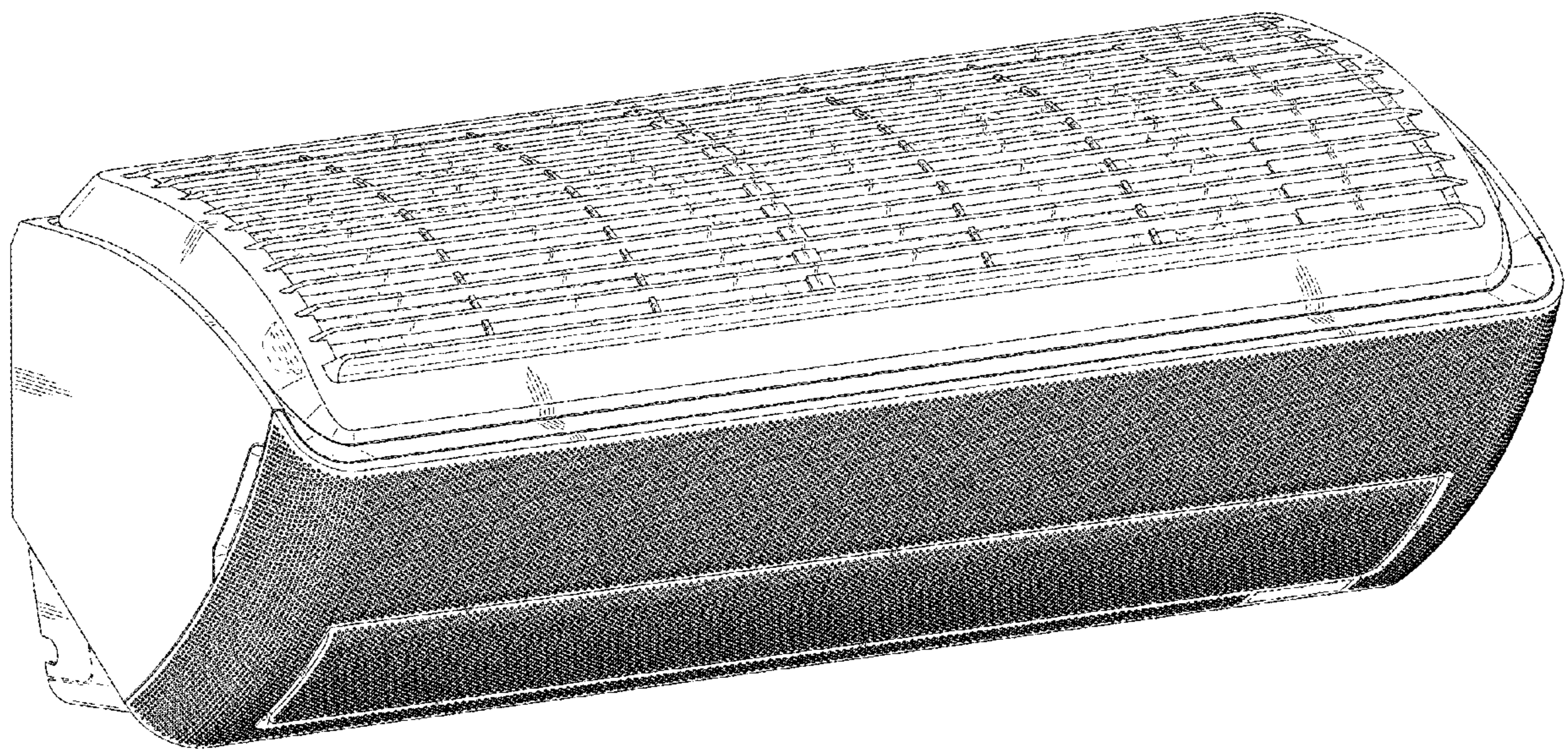




FIG. 2

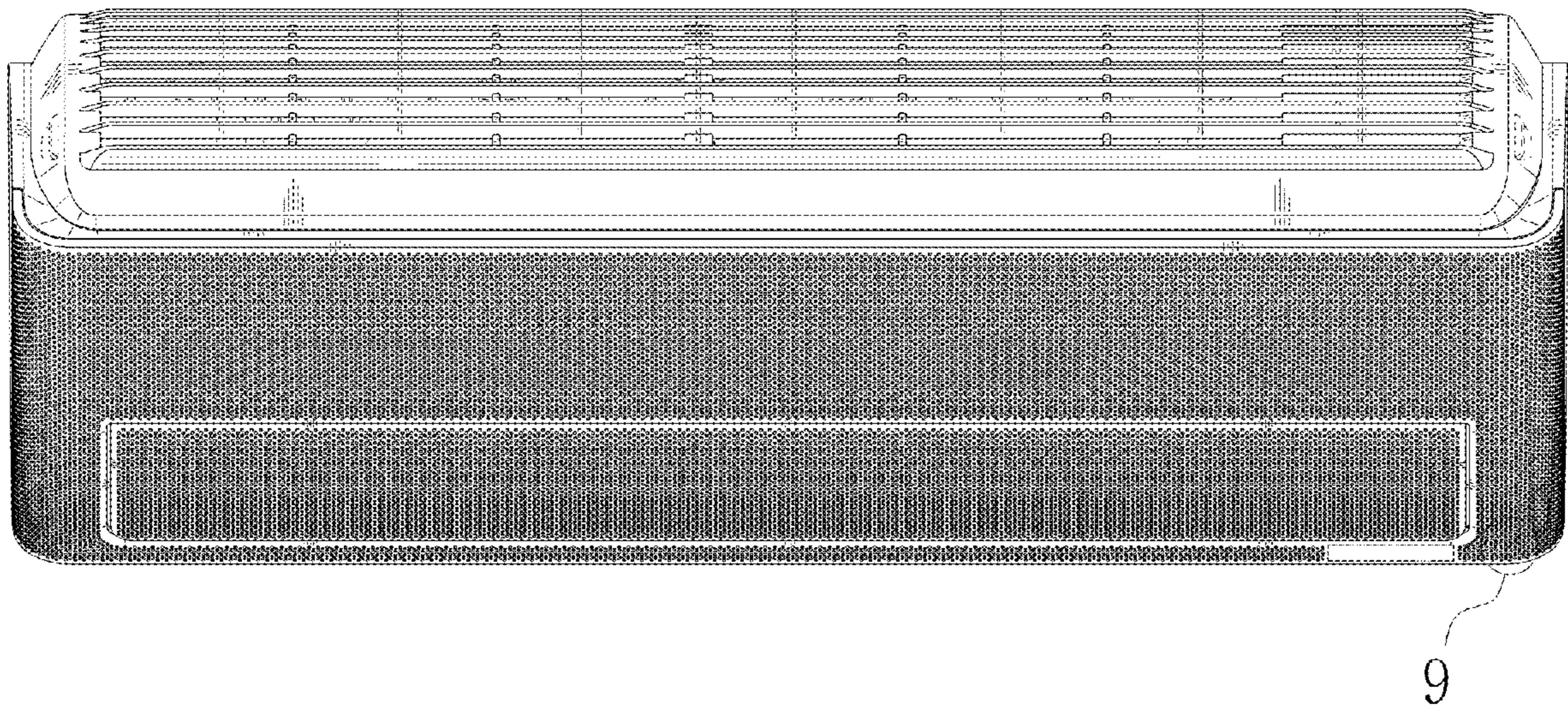


FIG. 3

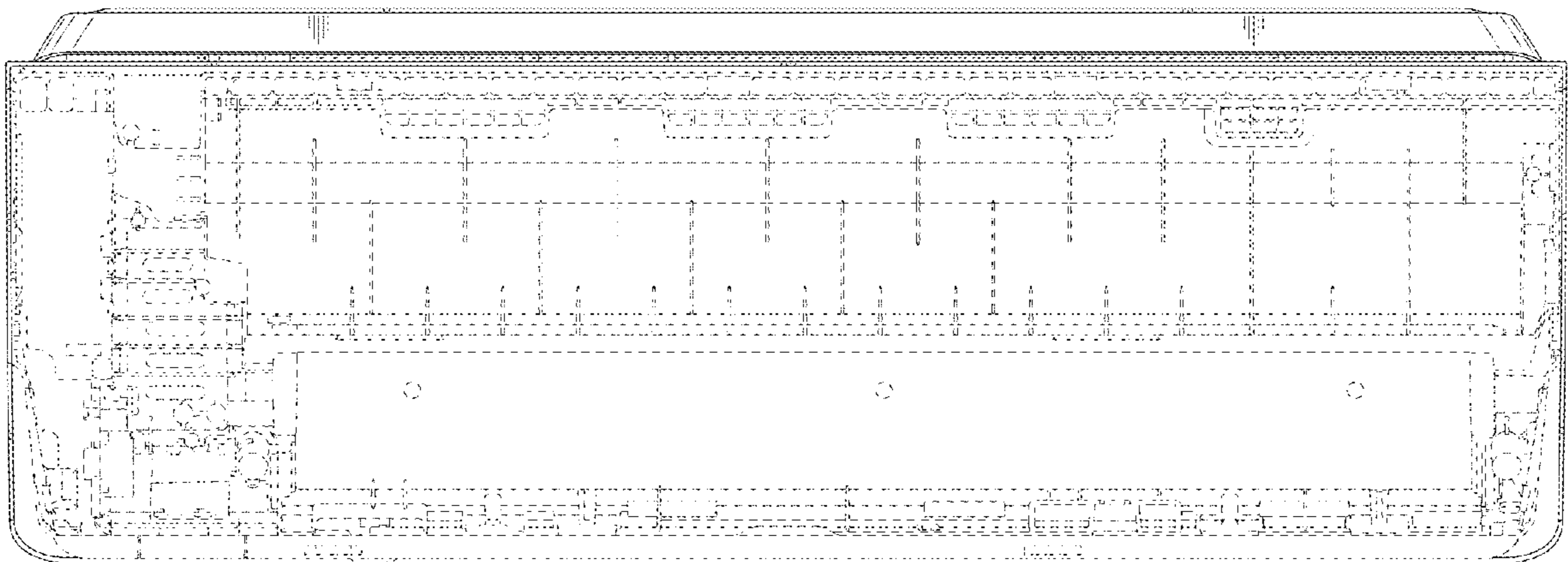


FIG.4

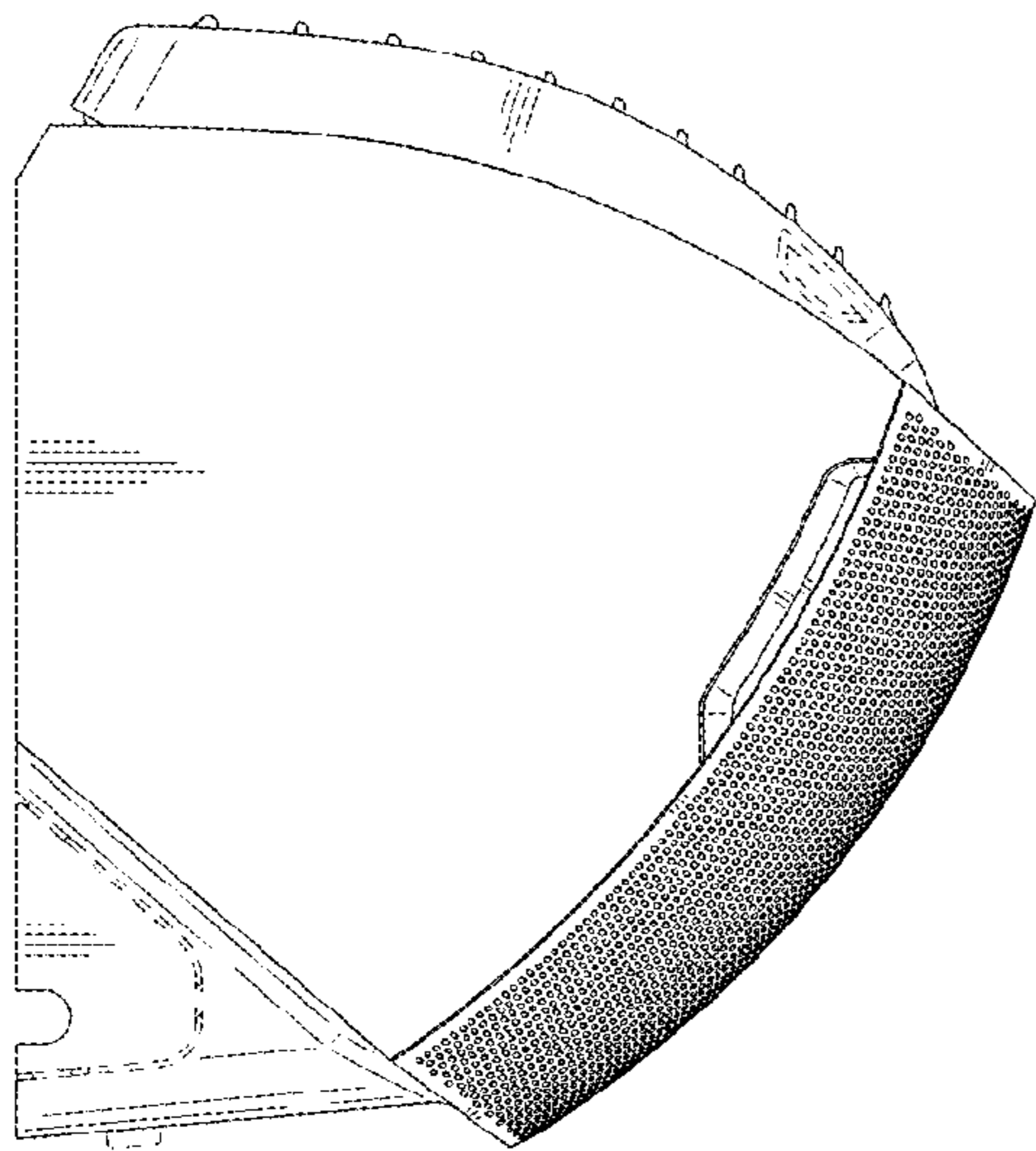


FIG.5

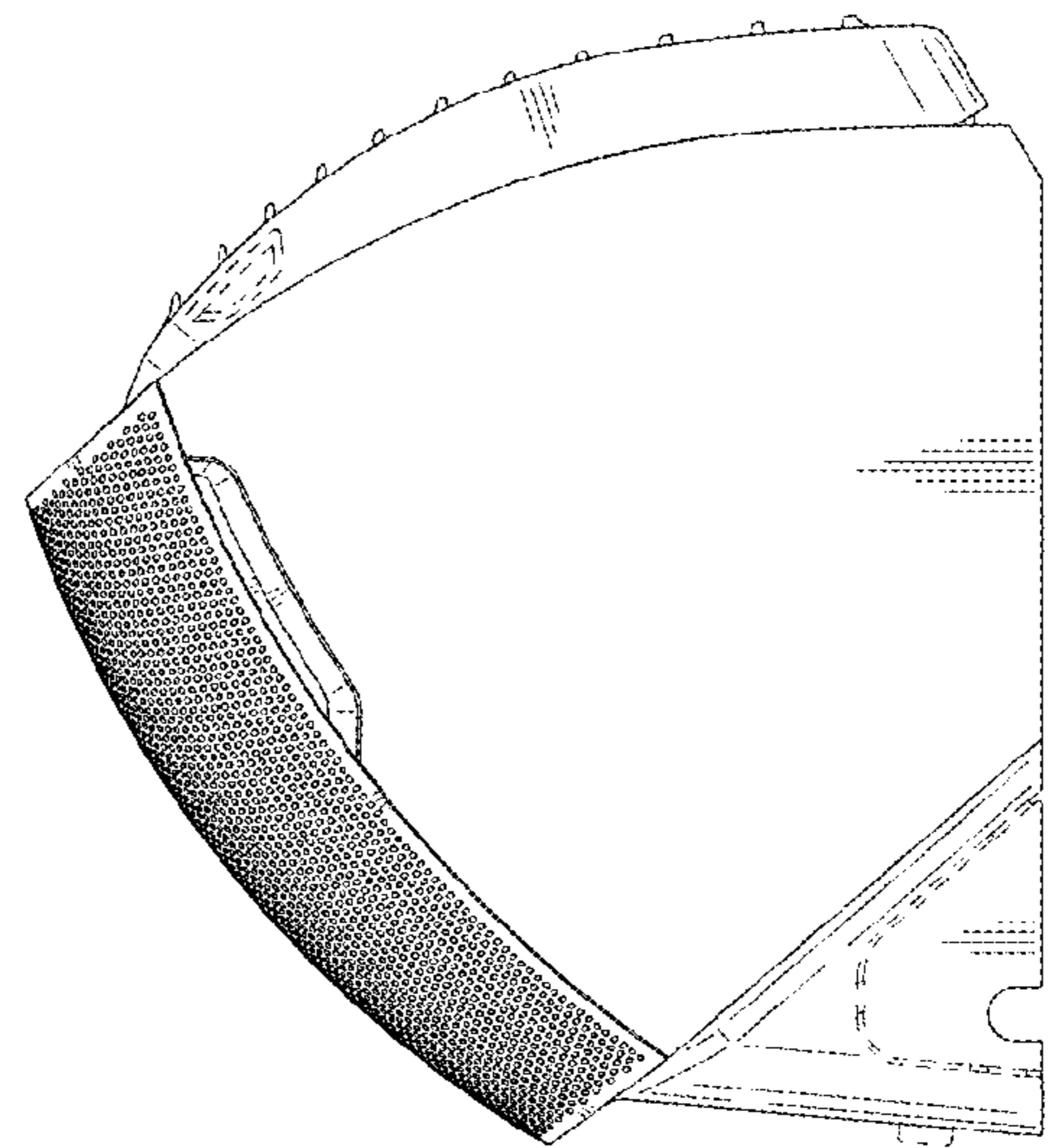




FIG. 6

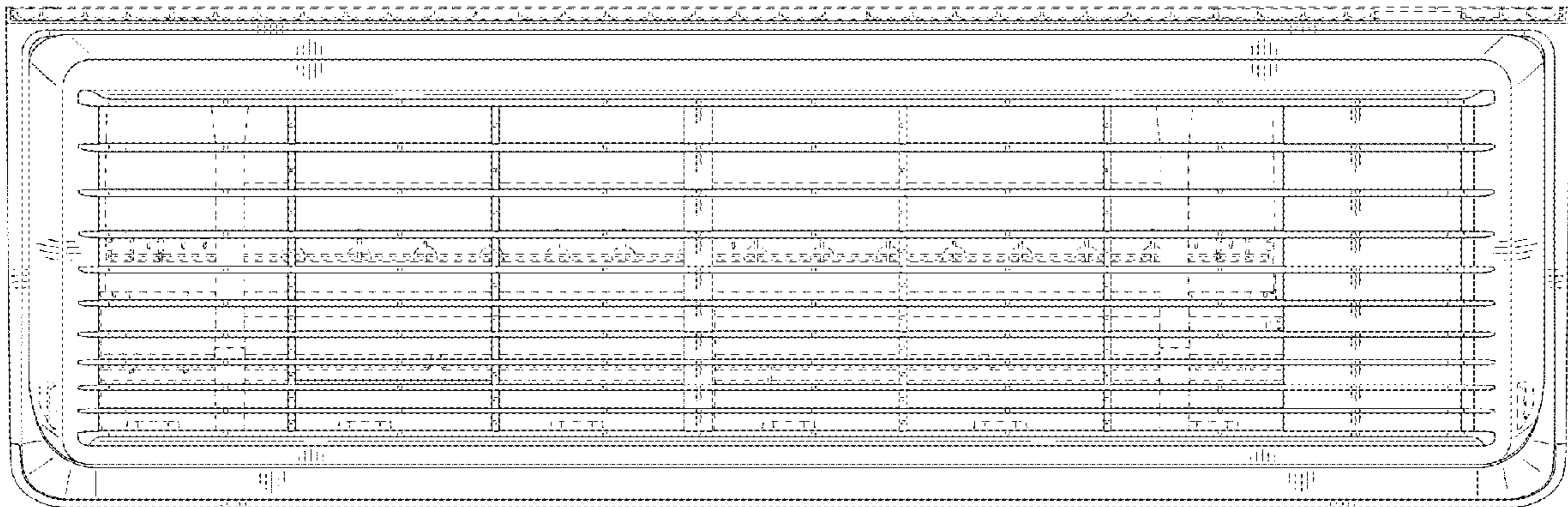


FIG. 7

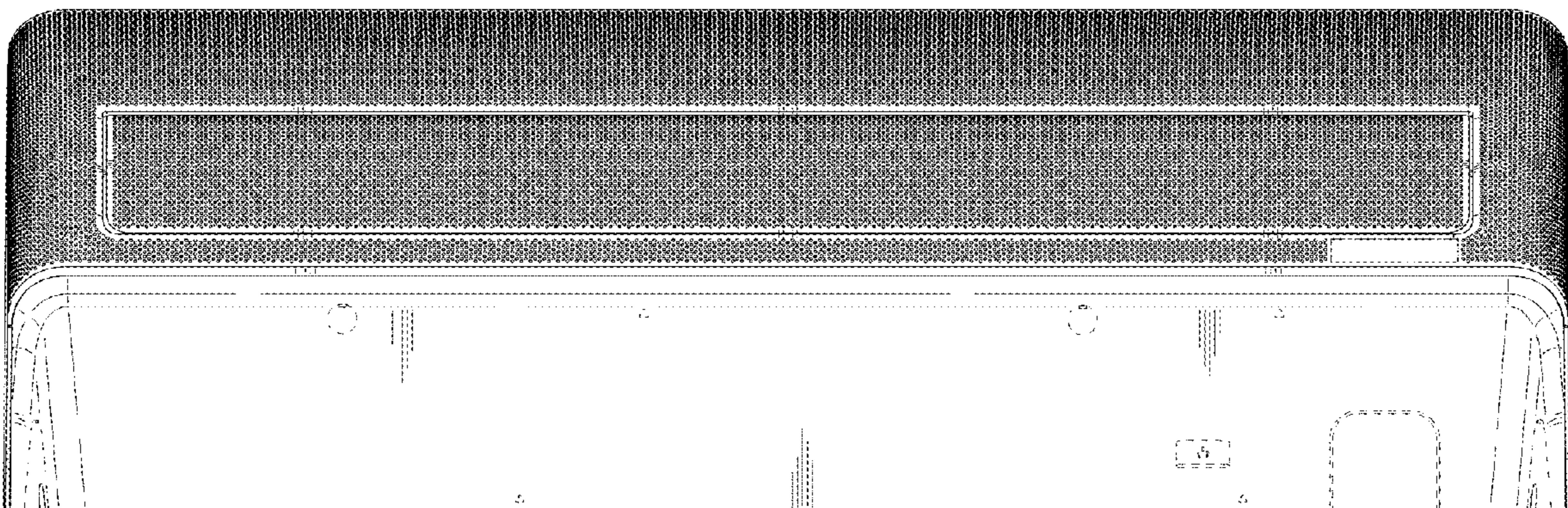




FIG. 8

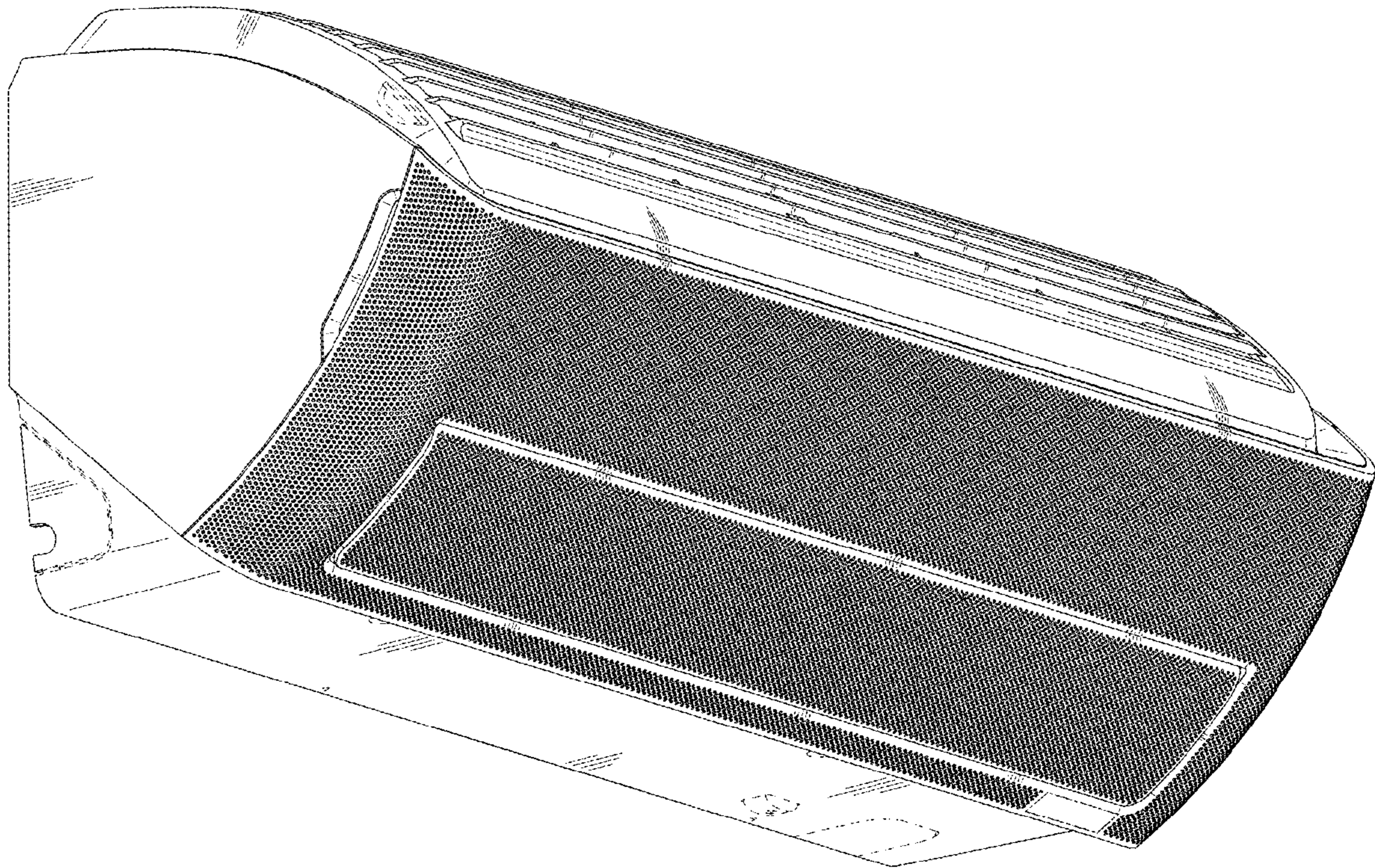


FIG. 9

