



US0D1050386S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,050,386 S**  
**Li** (45) **Date of Patent:** **\*\* Nov. 5, 2024**

(54) **AIR PURIFIER**

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(72) Inventor: **Qing Li**, Jiaxing (CN)

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

(21) Appl. No.: **29/938,643**

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(51) **LOC (14) Cl.** ..... **23-04**

(52) **U.S. Cl.**  
USPC ..... **D23/364**

(58) **Field of Classification Search**  
USPC ..... D23/355-366, 352, 369, 332, 333, 335,  
D23/336, 342, 351  
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D  
47/027; B01D 2221/02; B01D 2259/4508;  
B03C 3/155; B03C 3/368; F24F 3/16;  
F24F 13/20; F24F 13/28  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D290,498 S \* 6/1987 Beane ..... D23/342  
D320,441 S \* 10/1991 Muller ..... D23/364

D343,676 S \* 1/1994 Lim ..... D23/335  
D376,419 S \* 12/1996 Seaman ..... D23/358  
D411,000 S \* 6/1999 Moore ..... D23/358  
D433,111 S \* 10/2000 Wright ..... D23/351  
D513,068 S \* 12/2005 Blateri ..... D23/335  
D639,920 S \* 6/2011 Lewis ..... D23/314  
D786,414 S \* 5/2017 Kim ..... D23/359  
D891,593 S \* 7/2020 Wilson ..... D23/342  
D921,869 S 6/2021 Han

\* cited by examiner

*Primary Examiner* — David G Muller

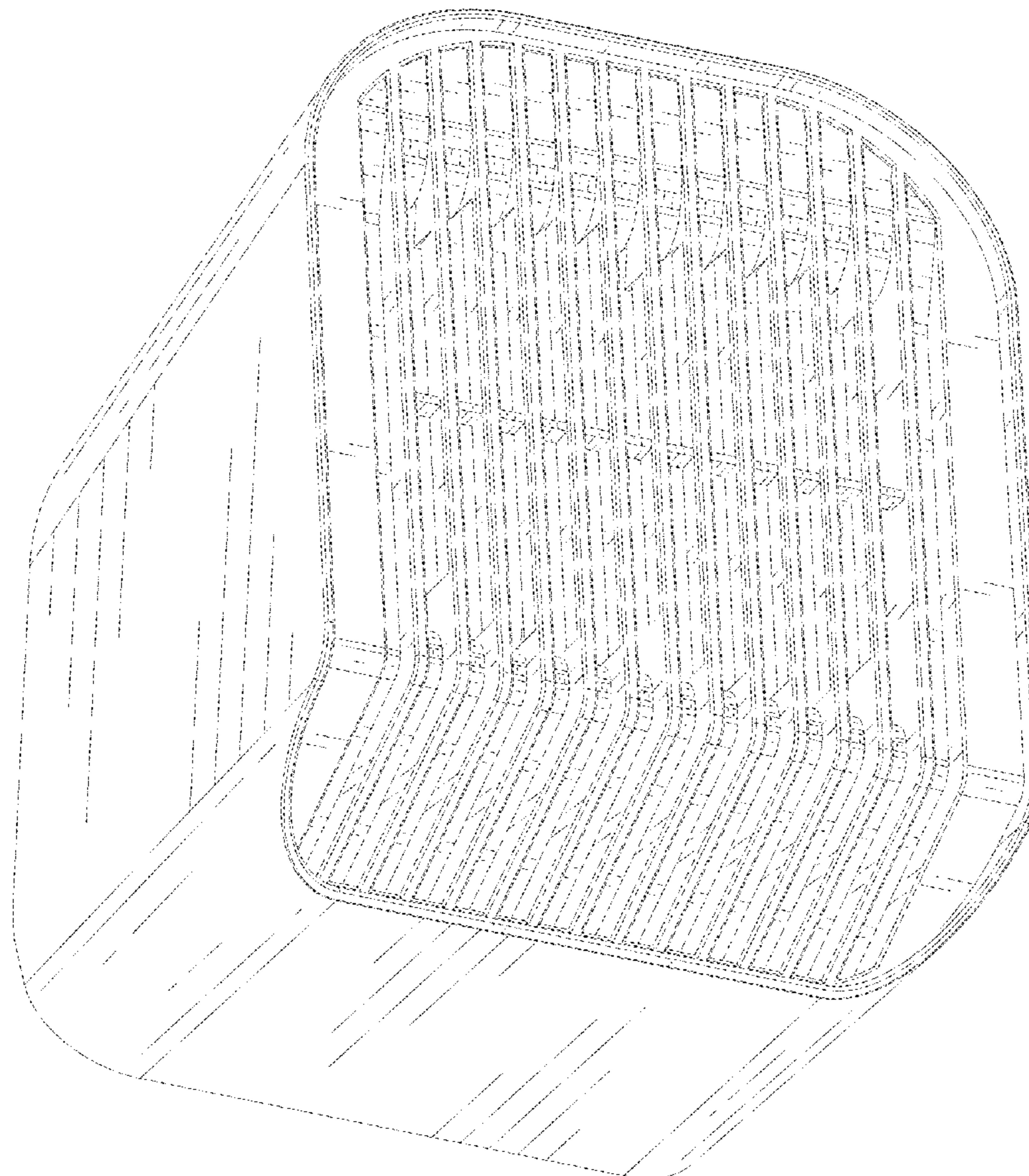
(57) **CLAIM**

The ornamental design for an air purifier as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an air purifier showing the claimed design;  
FIG. 2 is another perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top plan view thereof; and,  
FIG. 8 is a bottom plan view thereof.  
The broken lines illustrate portions of the air purifier that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



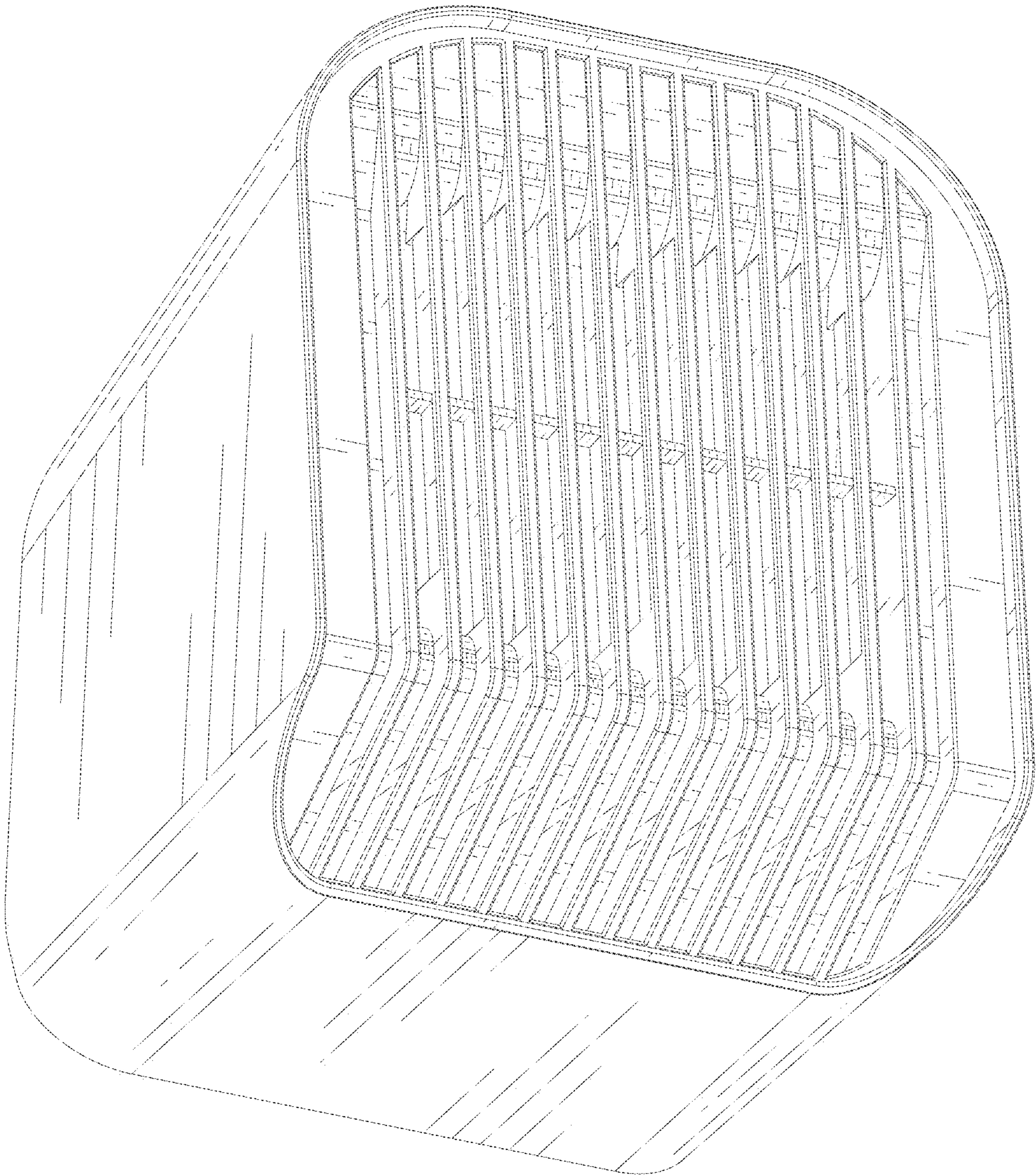


FIG. 1

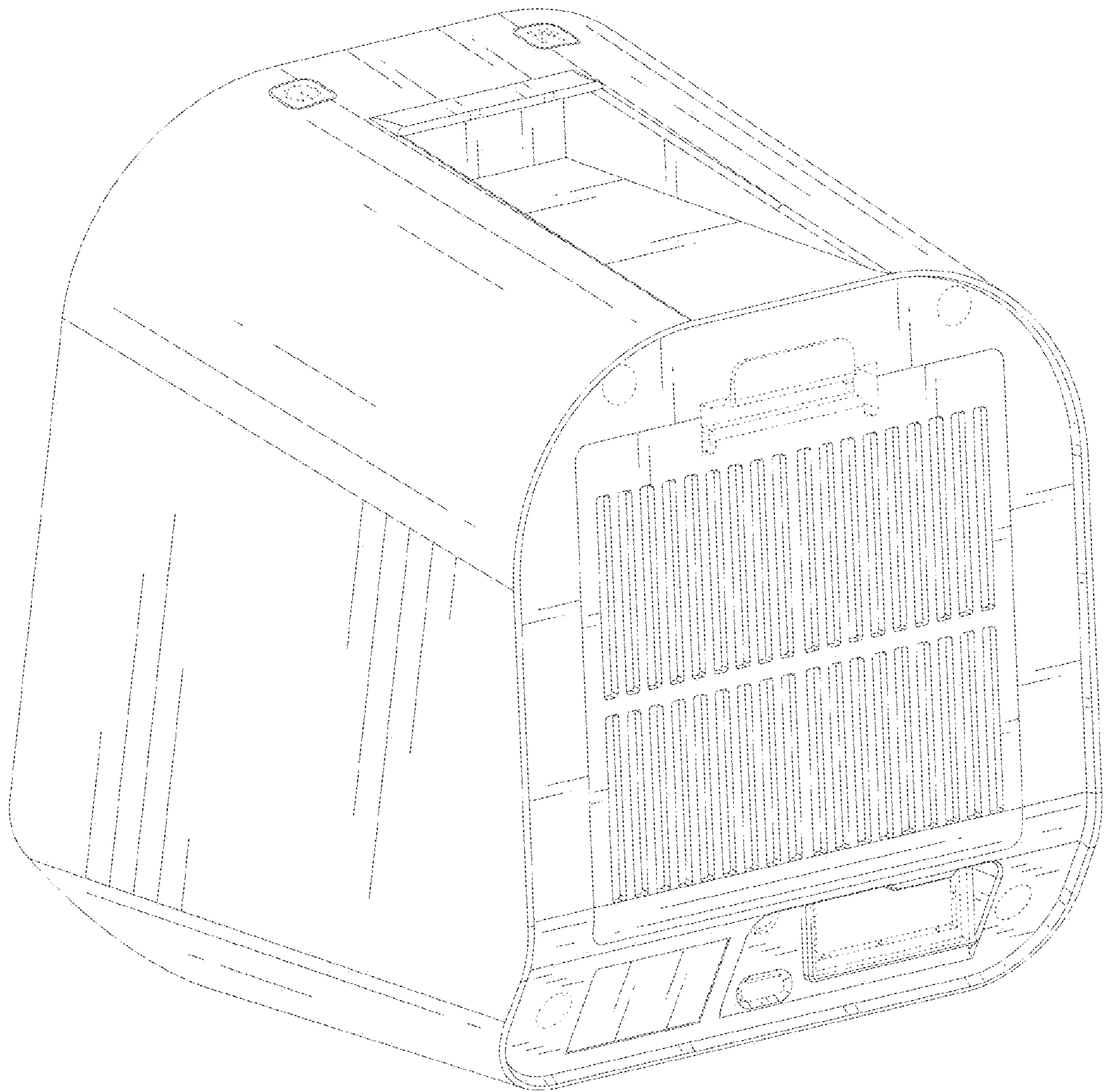


FIG. 2

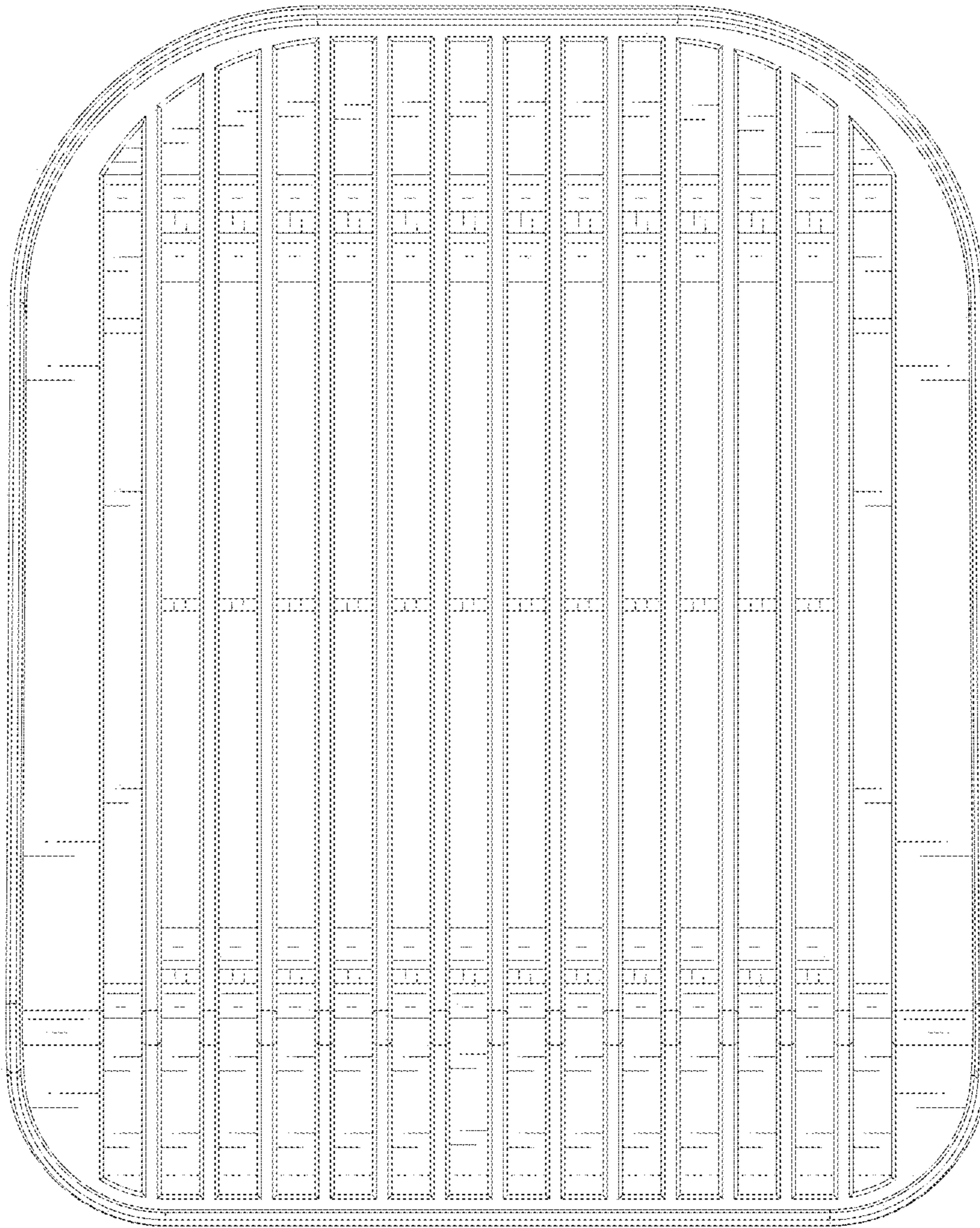


FIG. 3

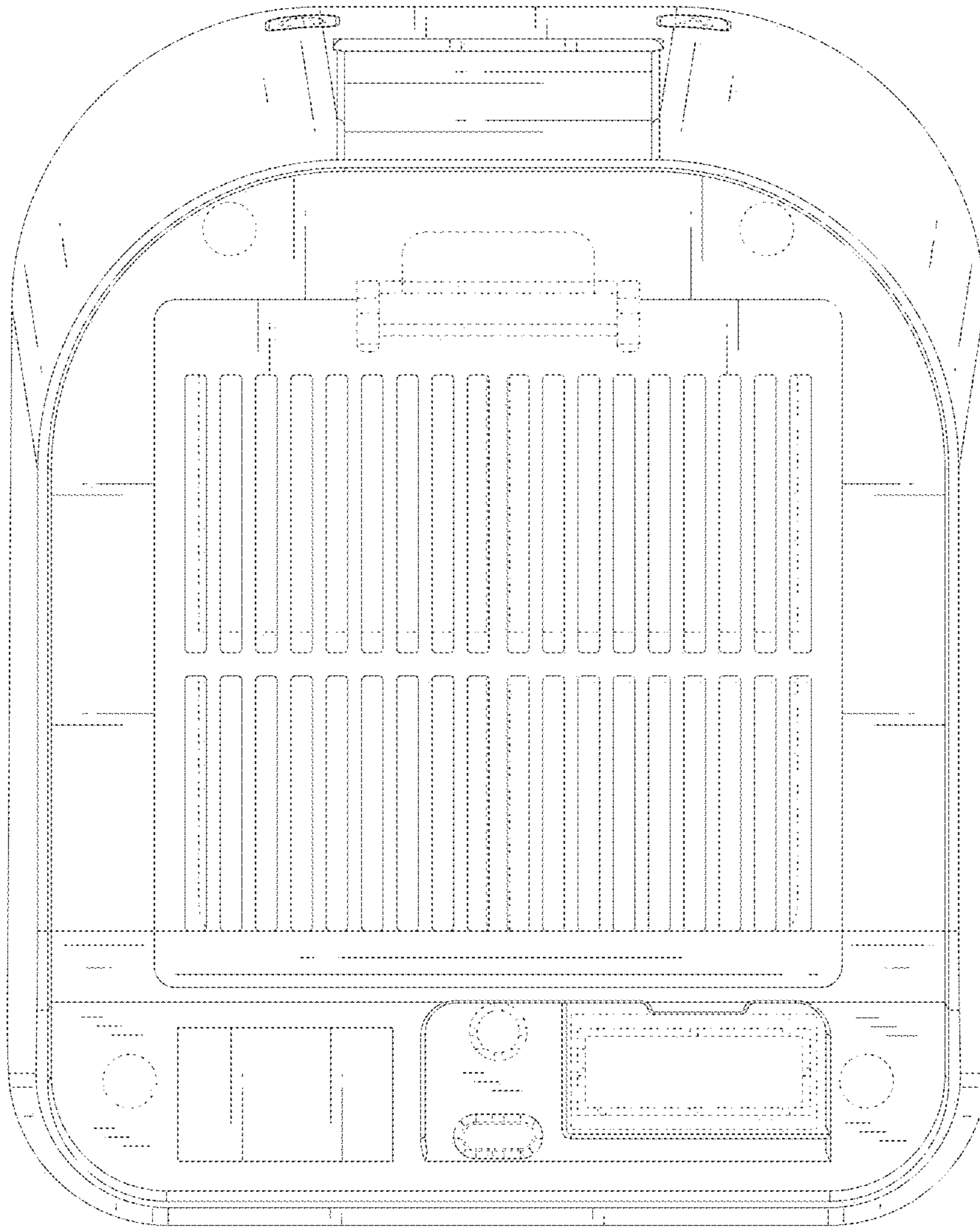


FIG. 4

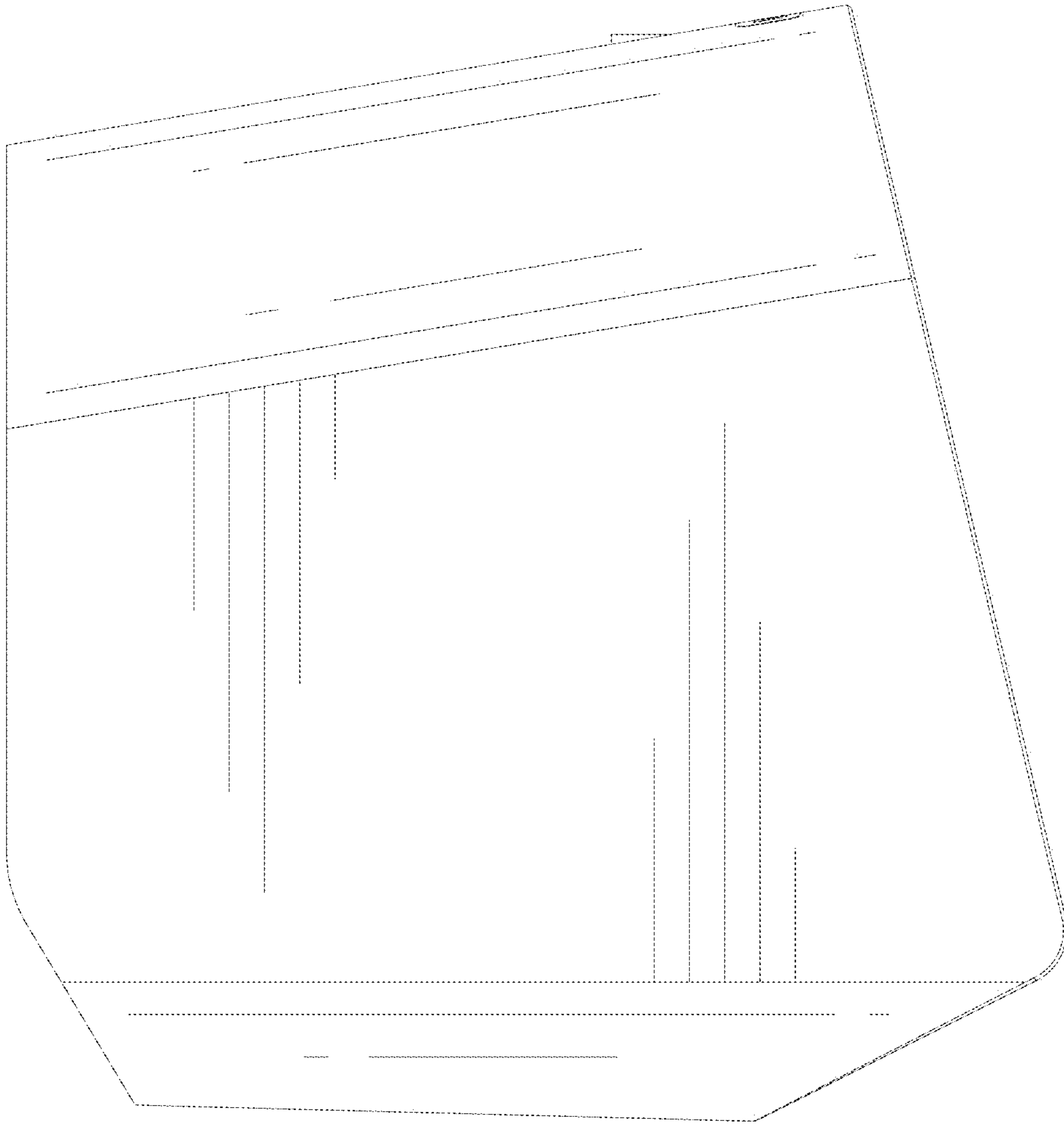


FIG. 5

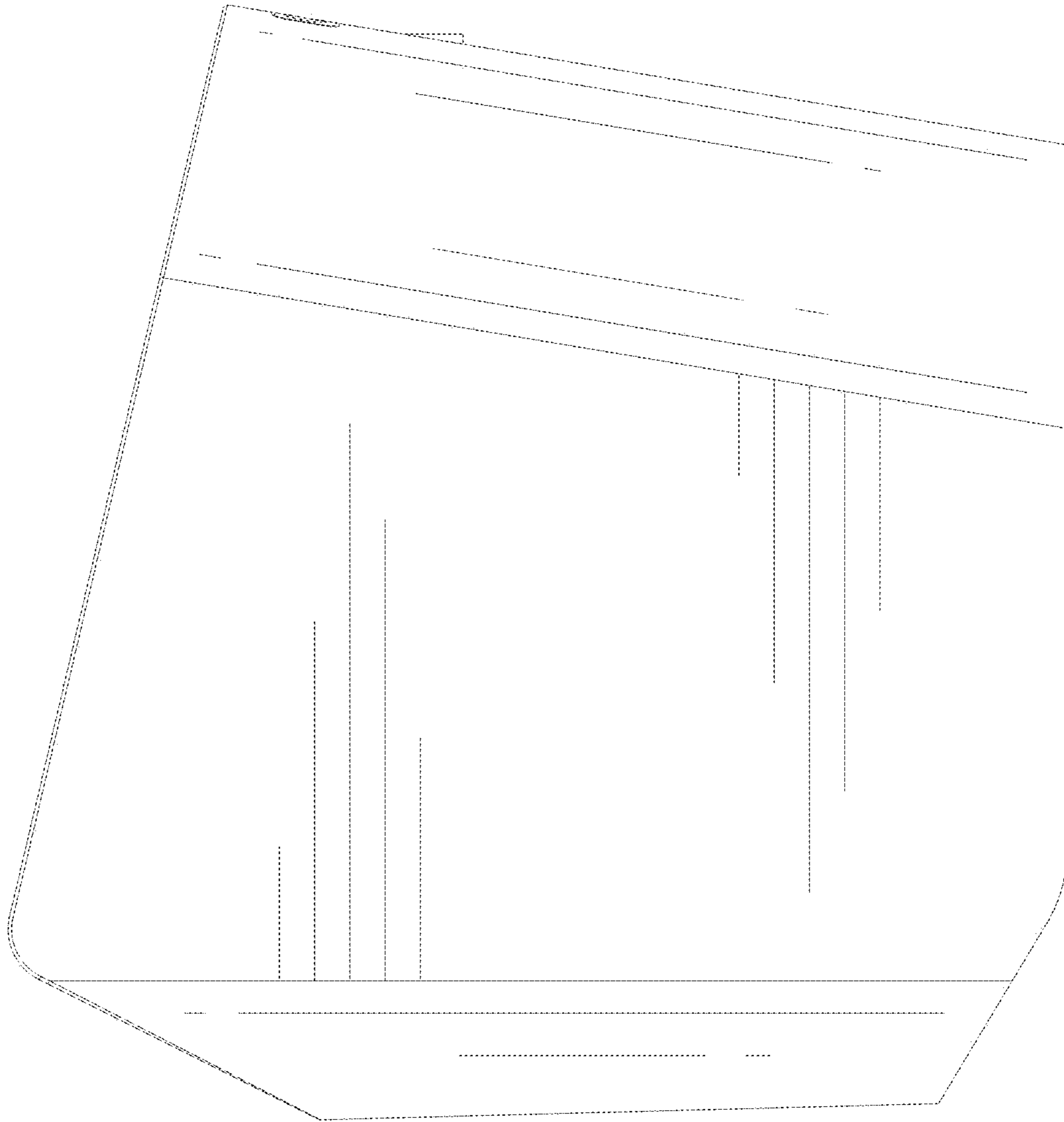


FIG. 6

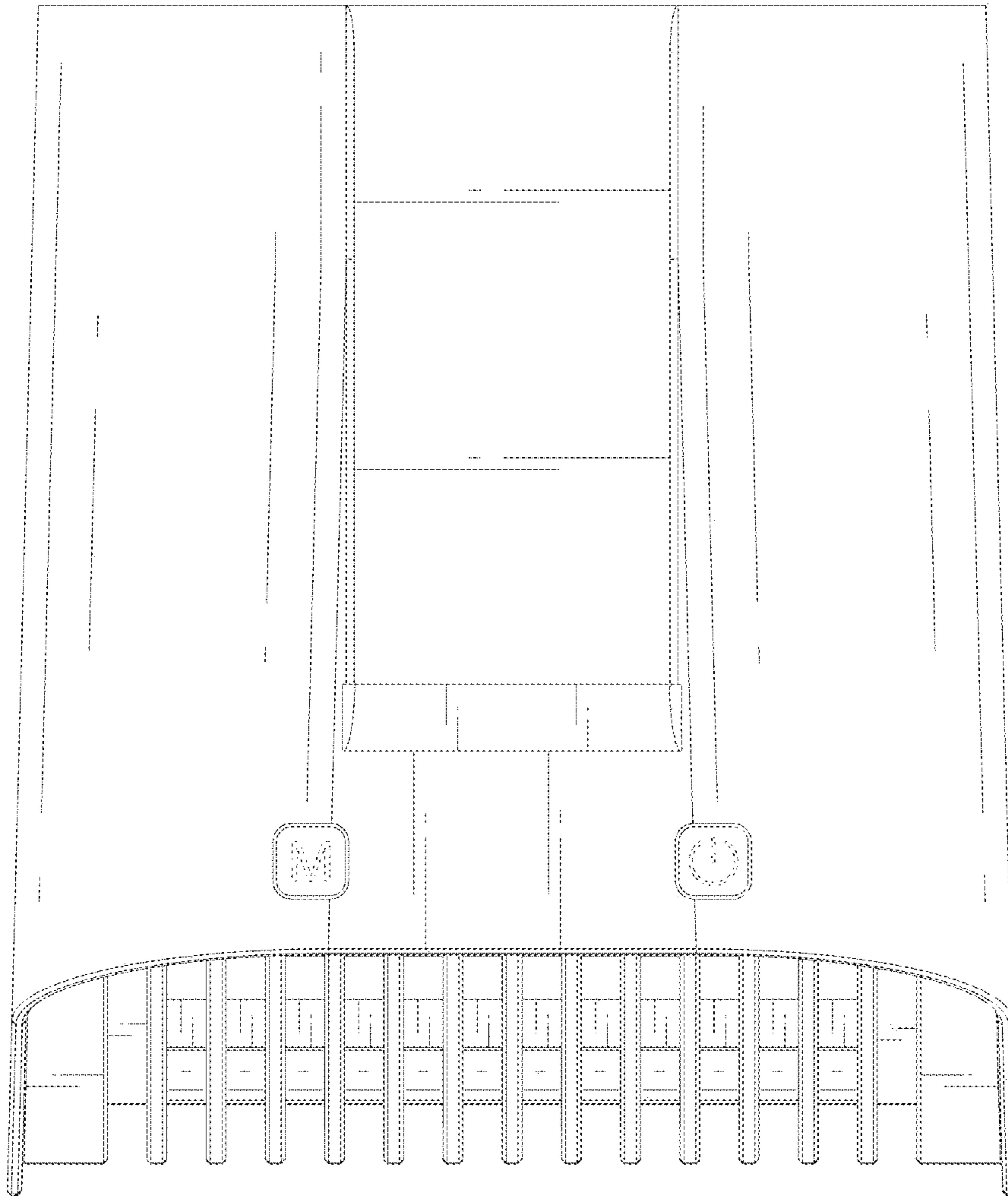


FIG. 7



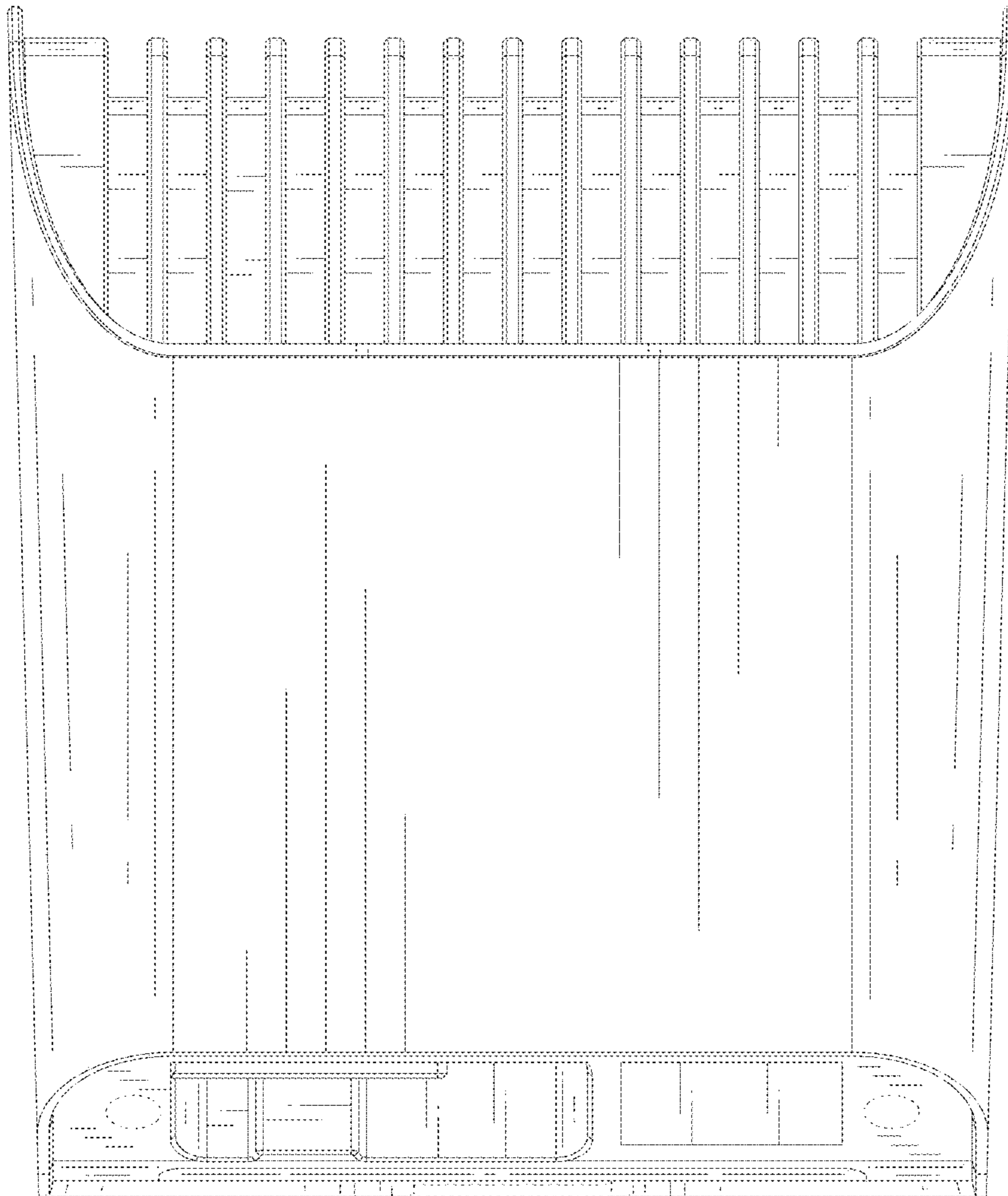


FIG. 8