



US00D956197S

(12) **United States Design Patent** (10) **Patent No.:** **US D956,197 S**  
**Kang** (45) **Date of Patent:** **\*\* Jun. 28, 2022**

(54) **AIR PURIFIER**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **GUANGDONG ARCAIR APPLIANCE CO., LTD.**, Guangdong (CN)

CN 304554694 \* 3/2018  
CN 304597271 \* 4/2018  
CN 305357914 \* 9/2019

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OTHER PUBLICATIONS

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

Cleanforce Extra large Air Purifier, first available Nov. 17, 2020[online], [site visited Mar. 7, 2022], Available from internet, URL:<https://www.amazon.com/dp/B08LVBD1YB> (Year: 2020).\*

(21) Appl. No.: **29/745,266**

(22) Filed: **Aug. 5, 2020**

\* cited by examiner

(30) **Foreign Application Priority Data**

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Apr. 22, 2020 (CN) ..... 202030168155.2

(51) **LOC (13) Cl.** ..... **23-04**

(57) **CLAIM**

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

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

(58) **Field of Classification Search**  
USPC ..... D23/356, 359, 364–365, 378, 499  
CPC ..... F24F 1/029; F24F 1/035; F24F 1/0287;  
F24F 6/06; F24F 6/14; F24F 13/06; F24F 13/20; F24F 13/222; F24F 3/16; F24F 3/1405; F24F 3/1603; A61L 9/03  
See application file for complete search history.

**DESCRIPTION**

(56) **References Cited**

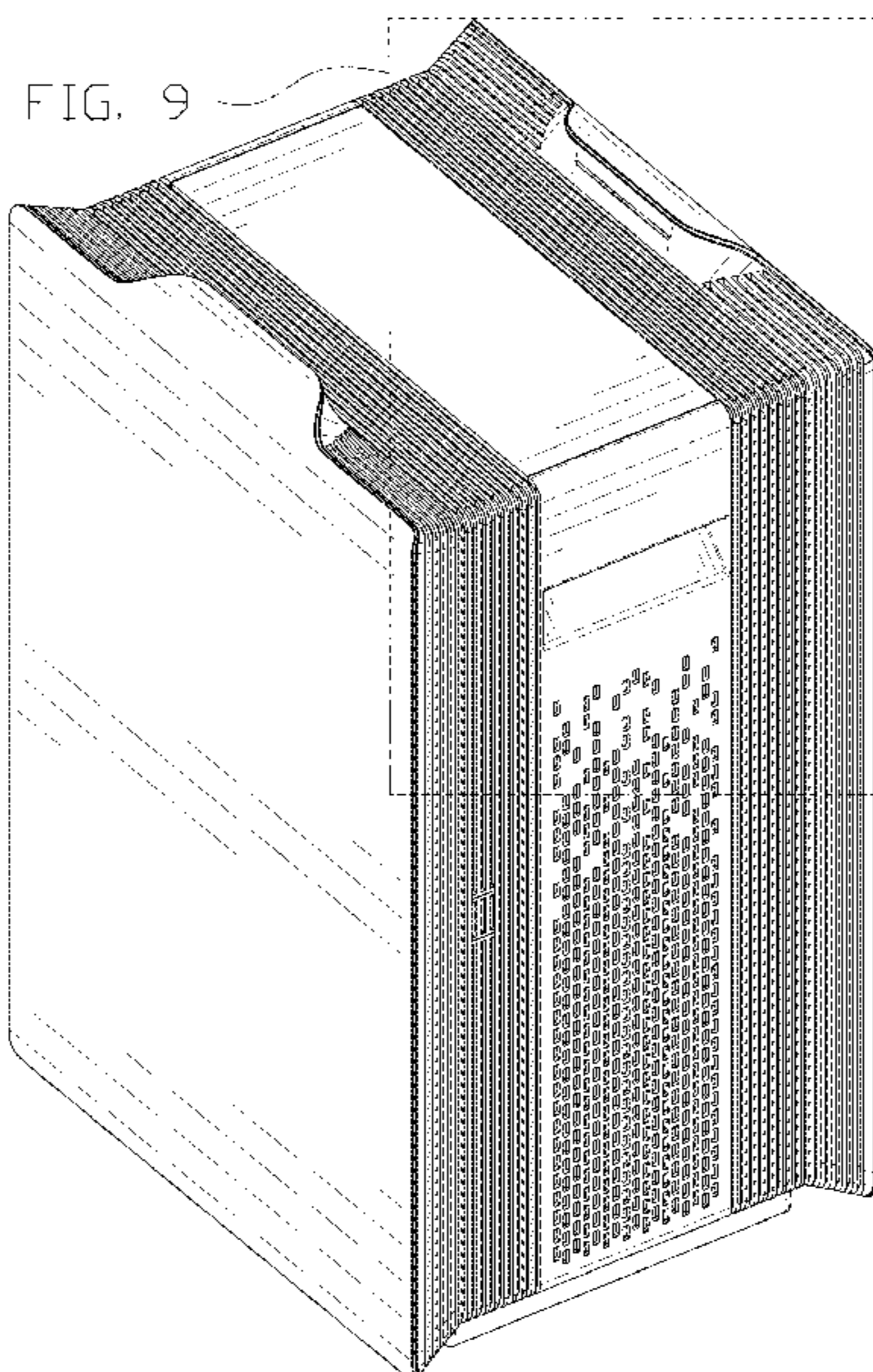
U.S. PATENT DOCUMENTS

4,135,896 A \* 1/1979 Parish ..... G21F 9/02  
96/417  
D430,928 S \* 9/2000 Lafond ..... D23/364  
D664,247 S \* 7/2012 Paterson ..... D23/364  
D705,919 S \* 5/2014 Park ..... D23/364  
D797,914 S \* 9/2017 Nygren ..... D23/364  
D884,135 S \* 5/2020 Chen ..... D23/364  
D893,690 S \* 8/2020 Qi ..... D23/335  
D905,840 S \* 12/2020 Cao ..... D23/364  
D930,803 S \* 9/2021 Zuberbuehler ..... D23/364  
D930,804 S \* 9/2021 Kyung ..... D23/364

FIG. 1 is a front and top perspective view of an air purifier, showing my new design;  
FIG. 2 is a rear and bottom 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 elevational view thereof;  
FIG. 6 is a right side elevational view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof; and,  
FIG. 9 is an enlarged view of the portion indicated in FIG. 1.

The dashed broken lines in the figures illustrate portions of the air purifier that form no part of the claimed design. The dash dot dash lines showing the enlargements in FIGS. 1 and 9 form no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



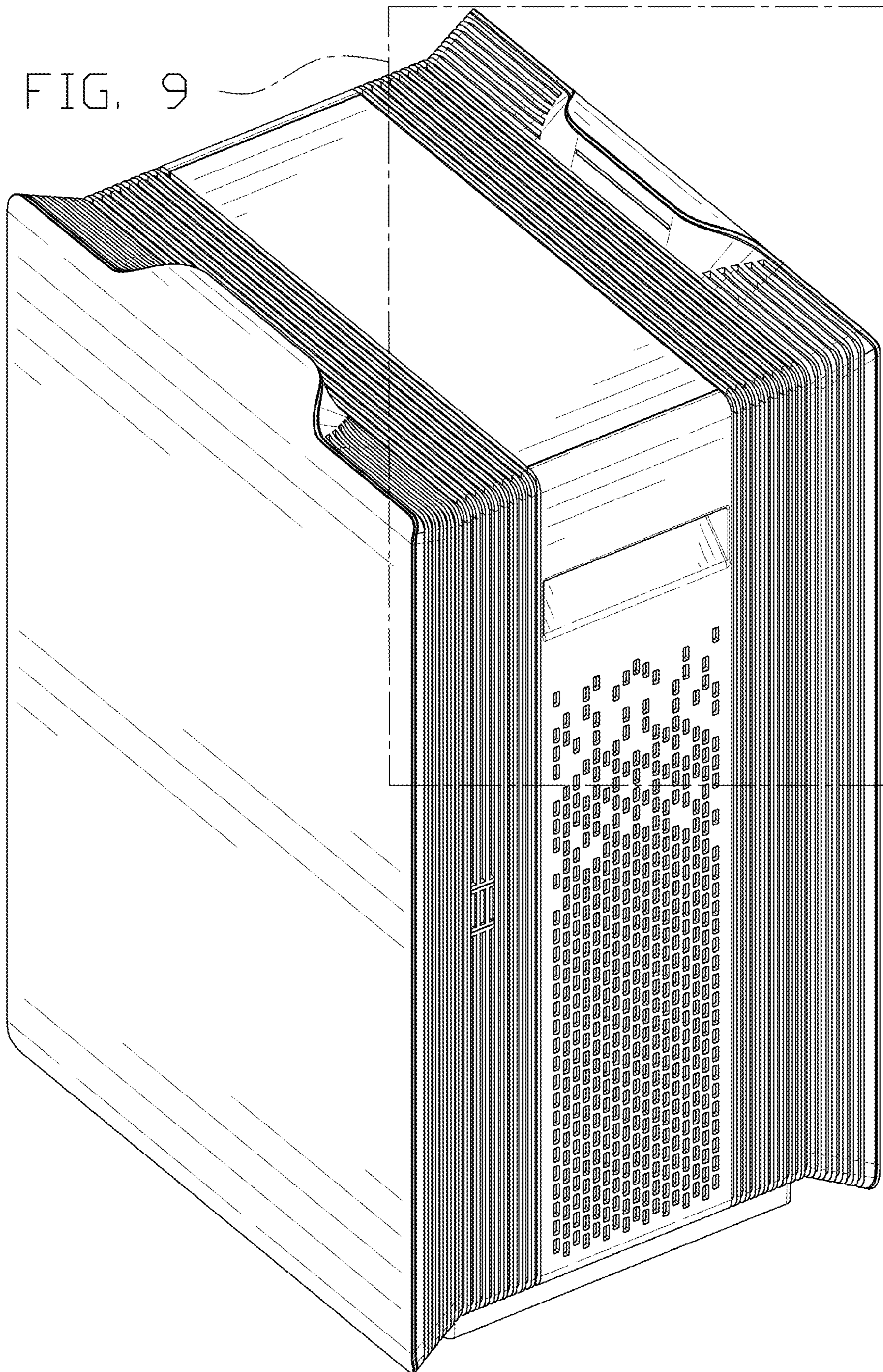


FIG. 9

FIG. 1

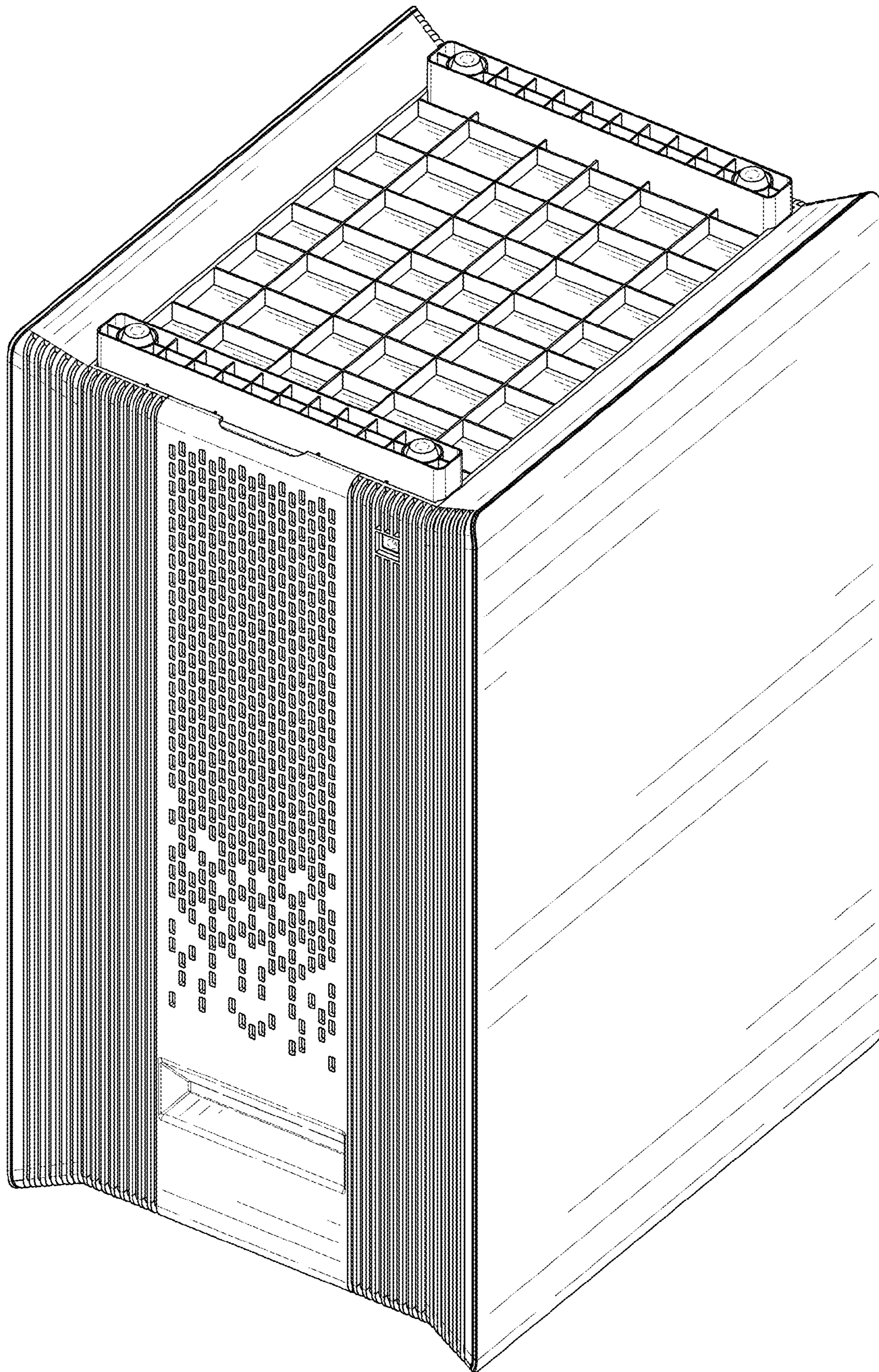


FIG. 2

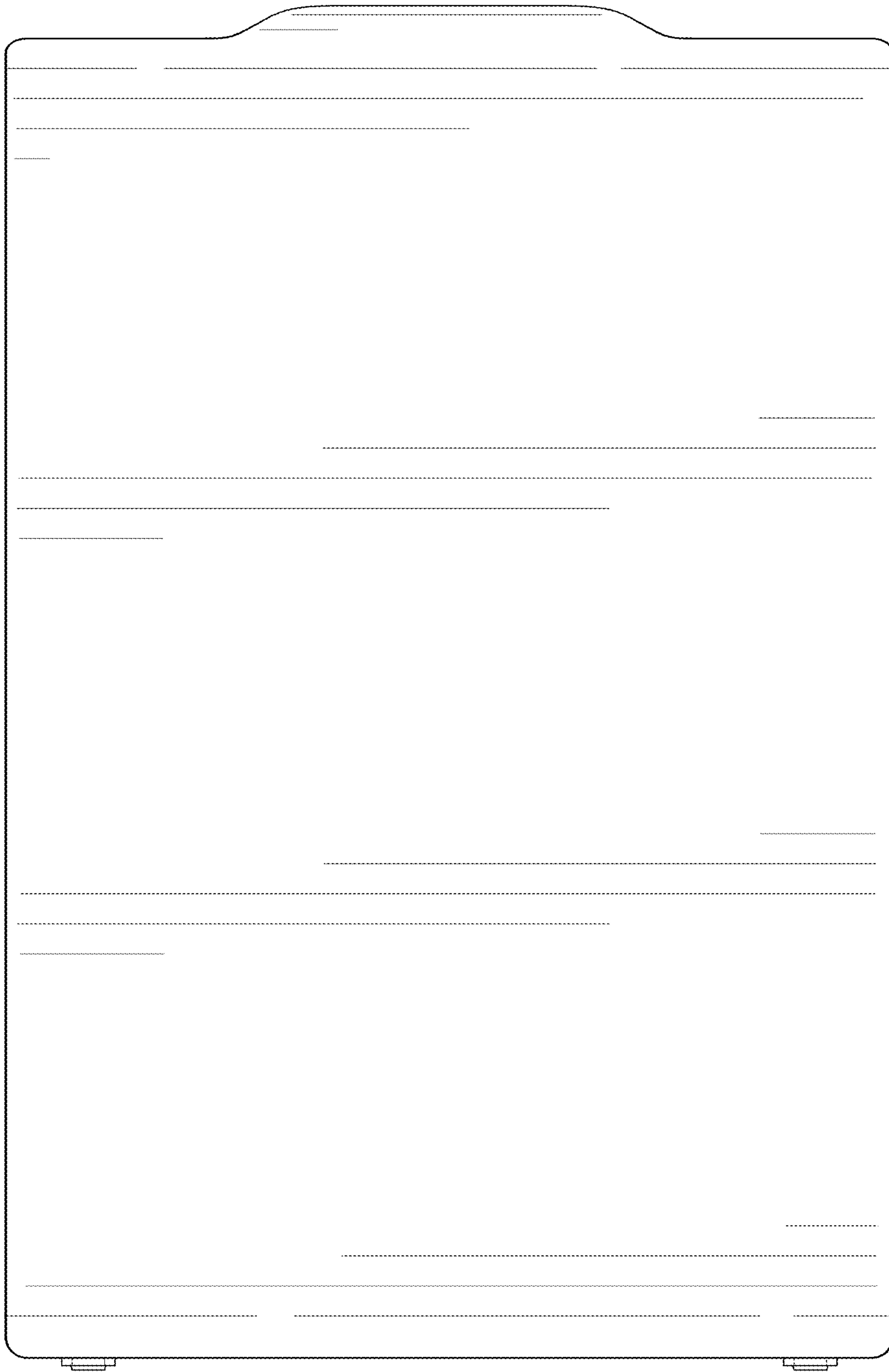


FIG. 3

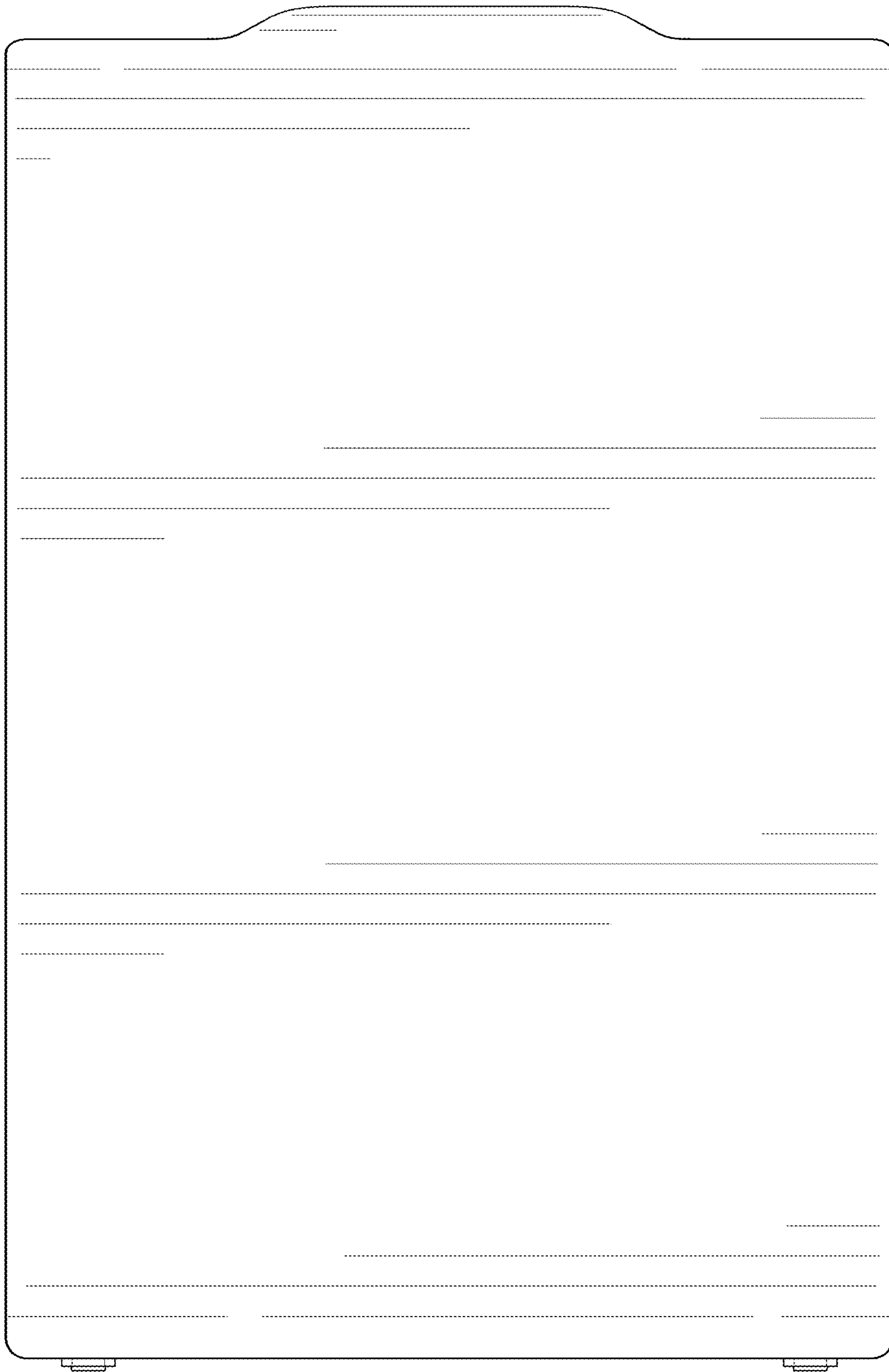


FIG. 4

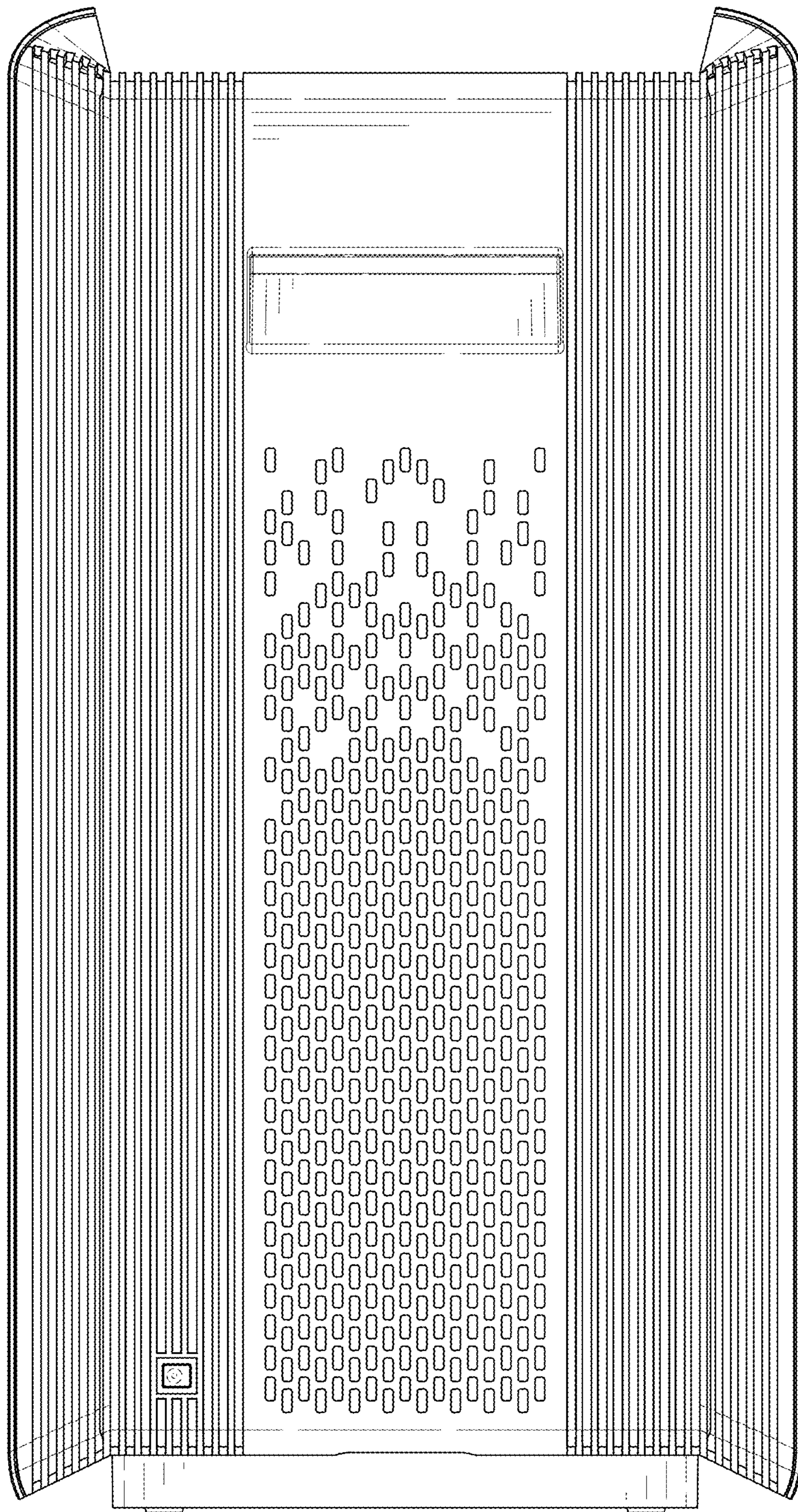


FIG. 5

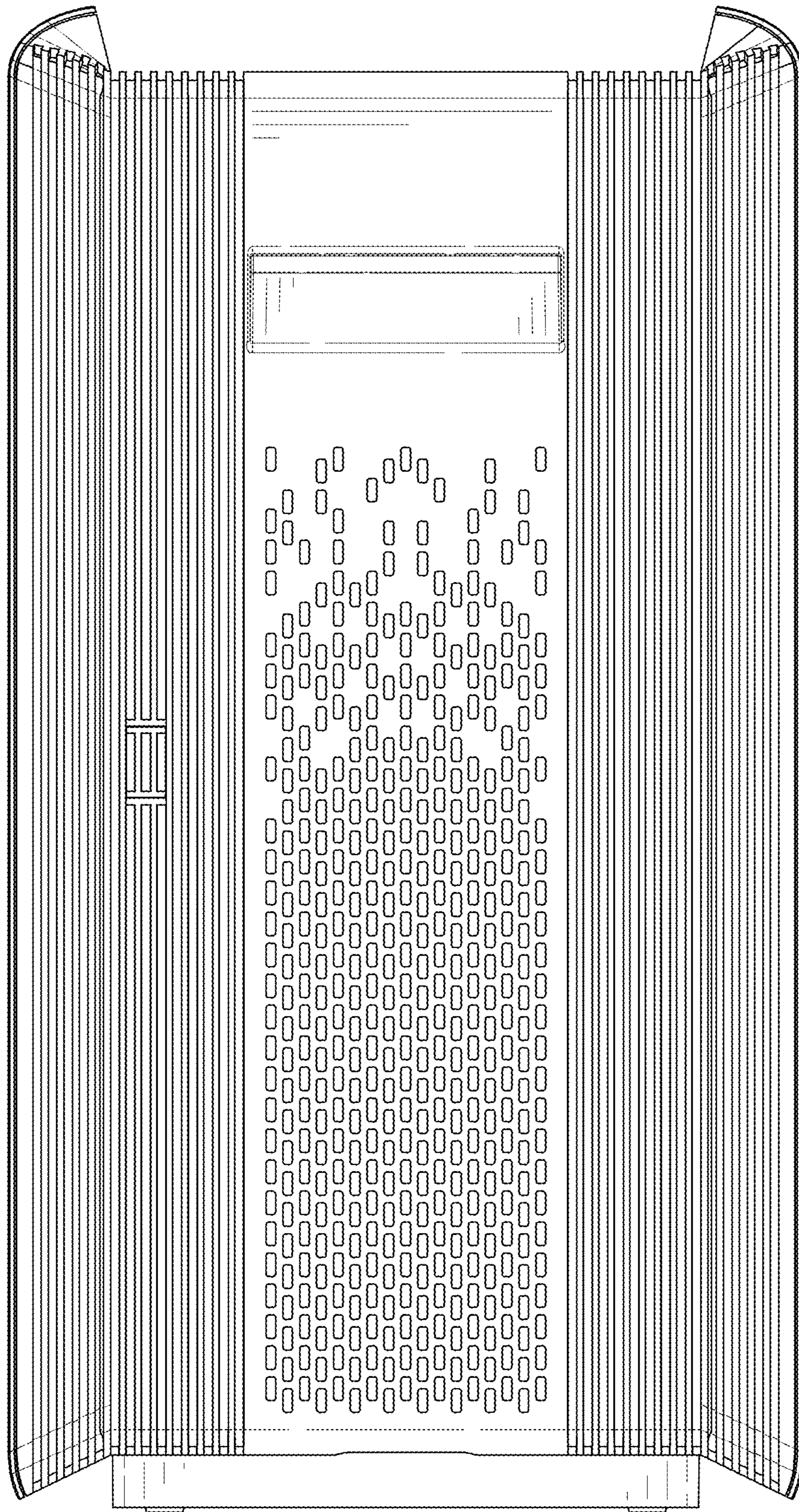


FIG. 6

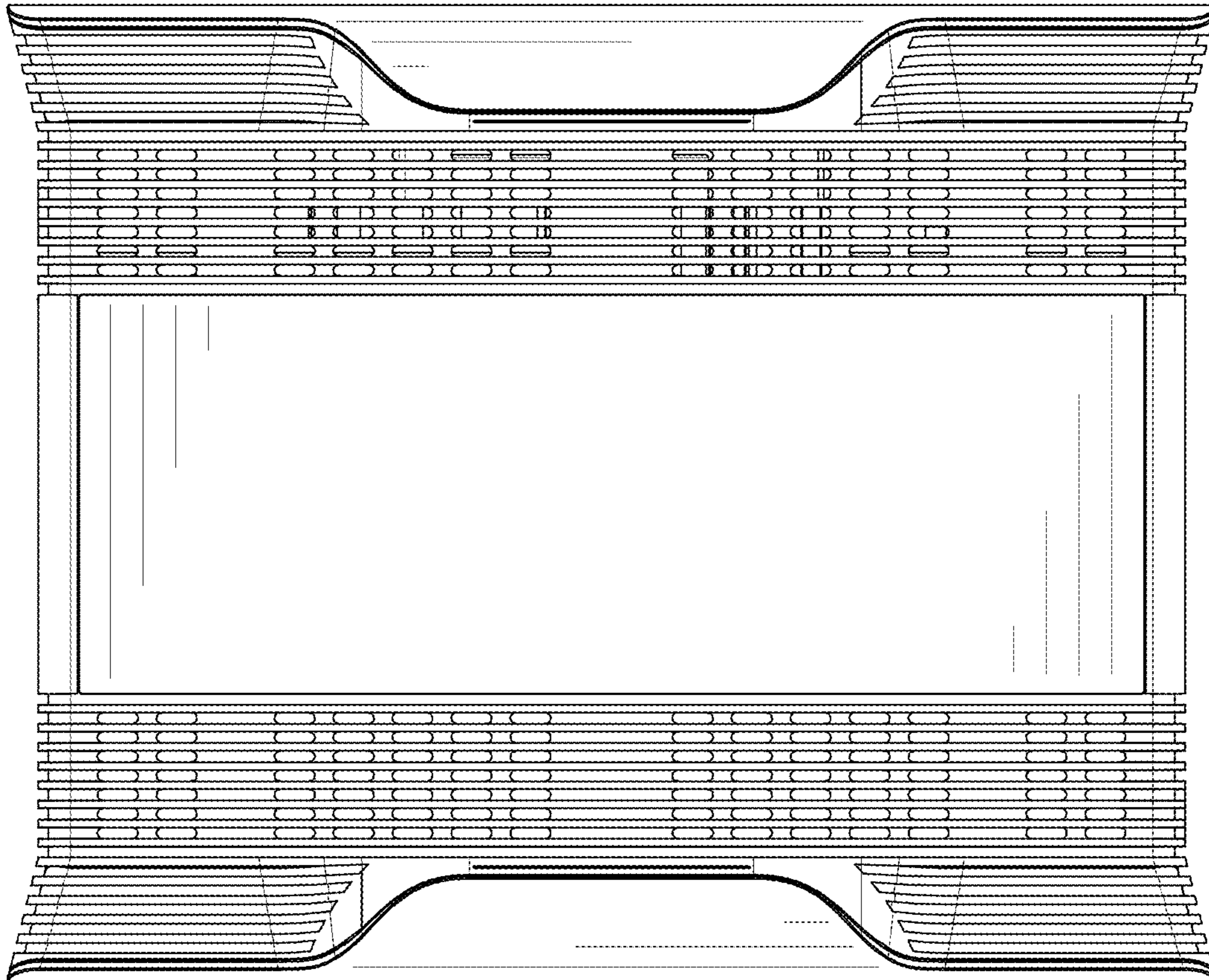


FIG. 7



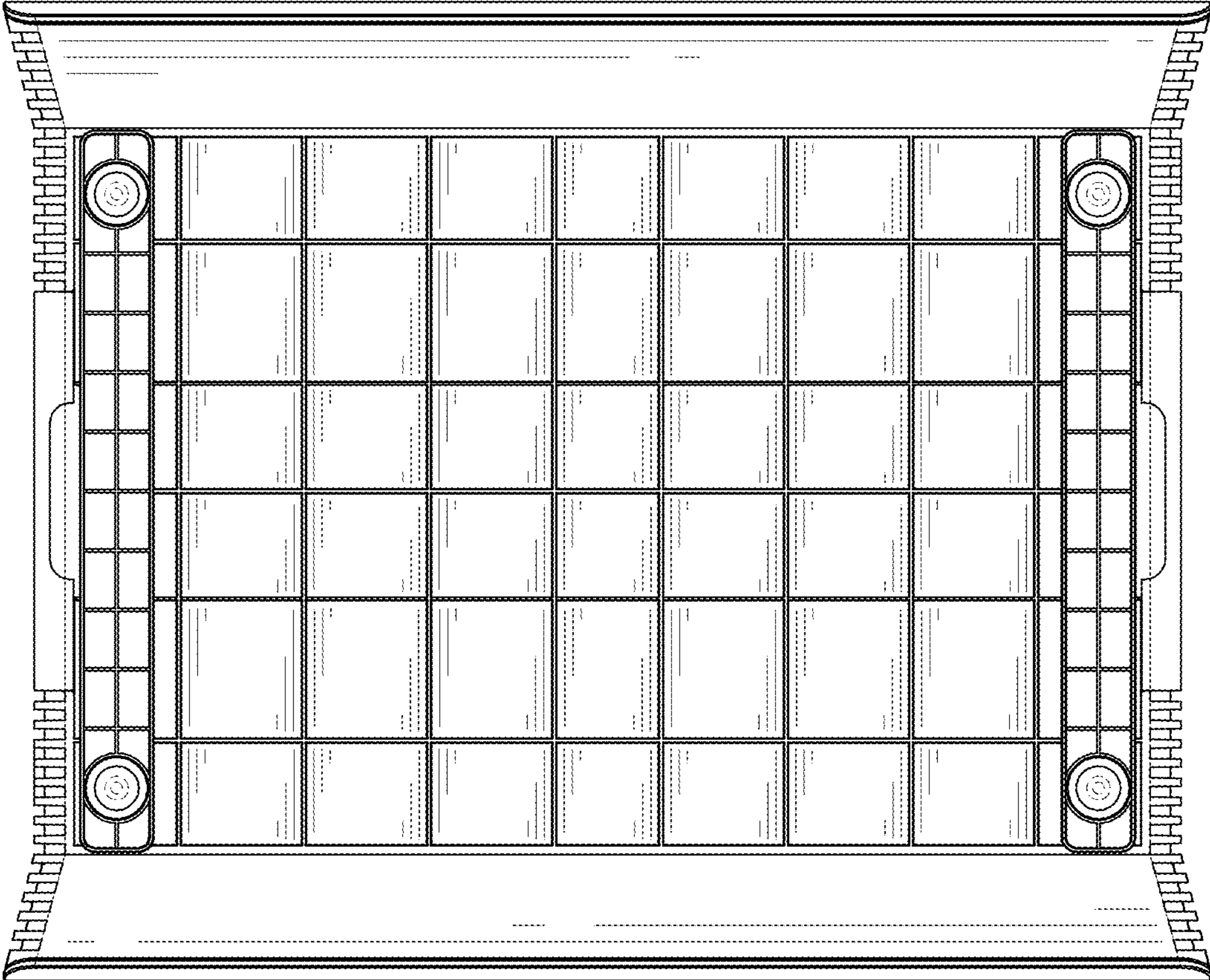


FIG. 8

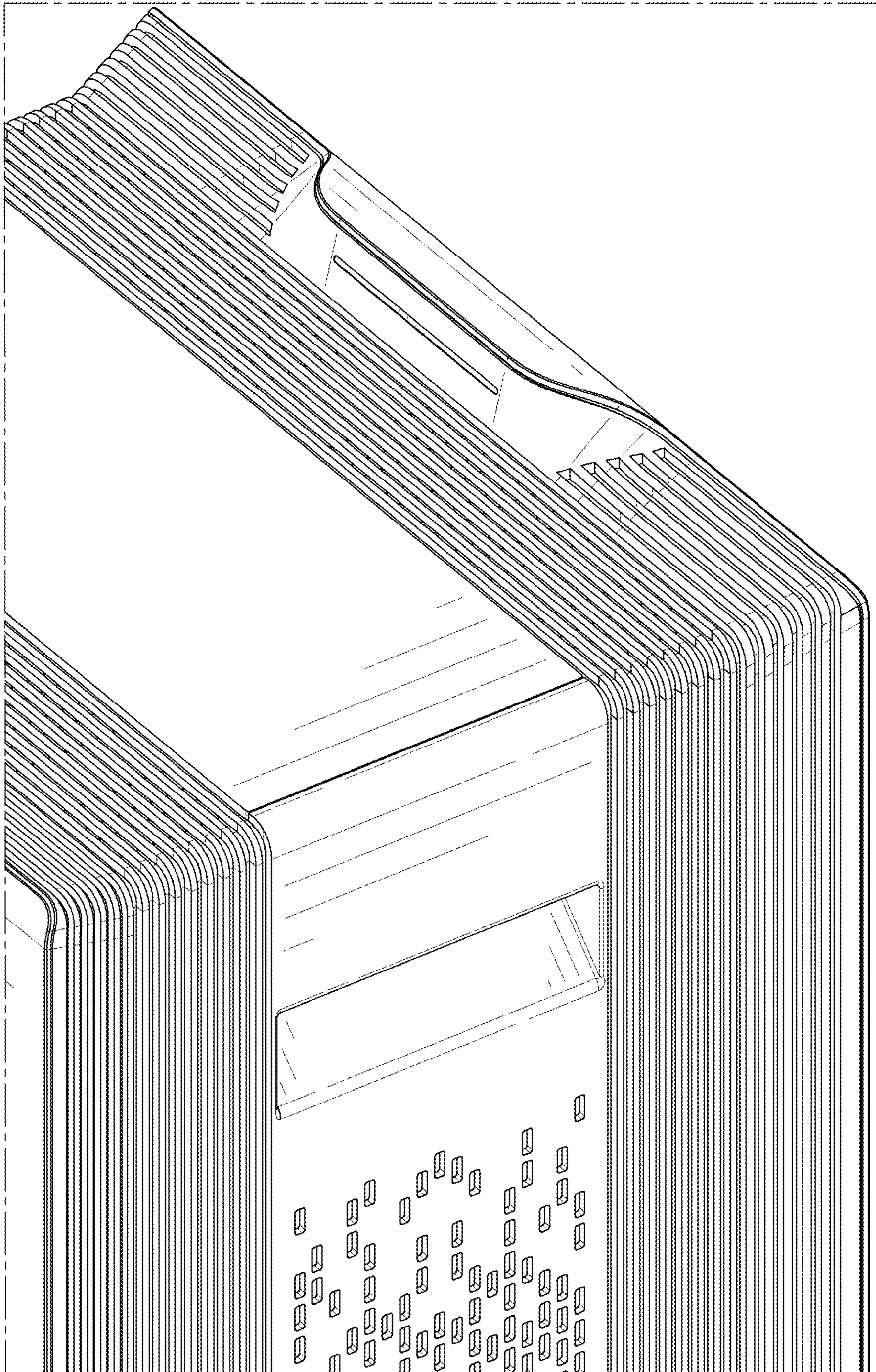


FIG. 9