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(12) **United States Design Patent** (10) **Patent No.:** **US D971,392 S**
Kobayashi (45) **Date of Patent:** **** Nov. 29, 2022**

(54) **OUTDOOR UNIT FOR AIR CONDITIONER**

D443,349 S * 6/2001 Nonaka D23/351
D493,215 S * 7/2004 Asaoka D23/351
D495,407 S * 8/2004 Asaoka D23/351

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(Continued)

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FOREIGN PATENT DOCUMENTS

(73) Assignee: **FUJITSU GENERAL LIMITED,**
Kawasaki (JP)

EM 004120913-0002 * 7/2017
EM 006592630-0002 * 6/2019

(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/759,672**

Submittal Sheet—48Rglxd, available on Fujitsugeneral.com, copy-
right date 2018 [online] [site visited on Aug. 10, 2022] Internet
URL: <https://www.fujitsugeneral.com/us/resources/pdf/support/downloads/submittal-sheets/current/48RGLXD-2020A.pdf> (Year:
2018).*

(Continued)

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(30) **Foreign Application Priority Data**

May 28, 2020 (JP) 2020-010509 D

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

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

(58) **Field of Classification Search**

USPC D23/351, 403, 333, 318, 317, 325, 328,
D23/332, 342, 353, 355, 356, 357, 361,
D23/370, 378, 379, 385, 411
CPC B01D 46/88; B01D 46/4227;
B01D 46/0005; B01D 46/46; B01D
2279/50; F24F 1/0011; F24F 1/0073;
F24F 1/0057; F24F 1/0014; F24F 13/20;
F24F 11/74; F24F 1/0067; F24F 13/12;
F24F 2221/26; F24F 7/013; F24F 13/28;
F24F 1/0358; F04D 5/12; F04D 27/004;
F04D 29/601; E06B 7/02; A61L 9/12;
H01H 19/00; H01H 13/705; B60K 35/00;
G01D 11/28; G05G 1/105

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D414,253 S * 9/1999 Kobayashi D23/351
D437,399 S * 2/2001 Nonaka D23/351

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Assistant Examiner — Andrea Marie McKay

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(57) **CLAIM**

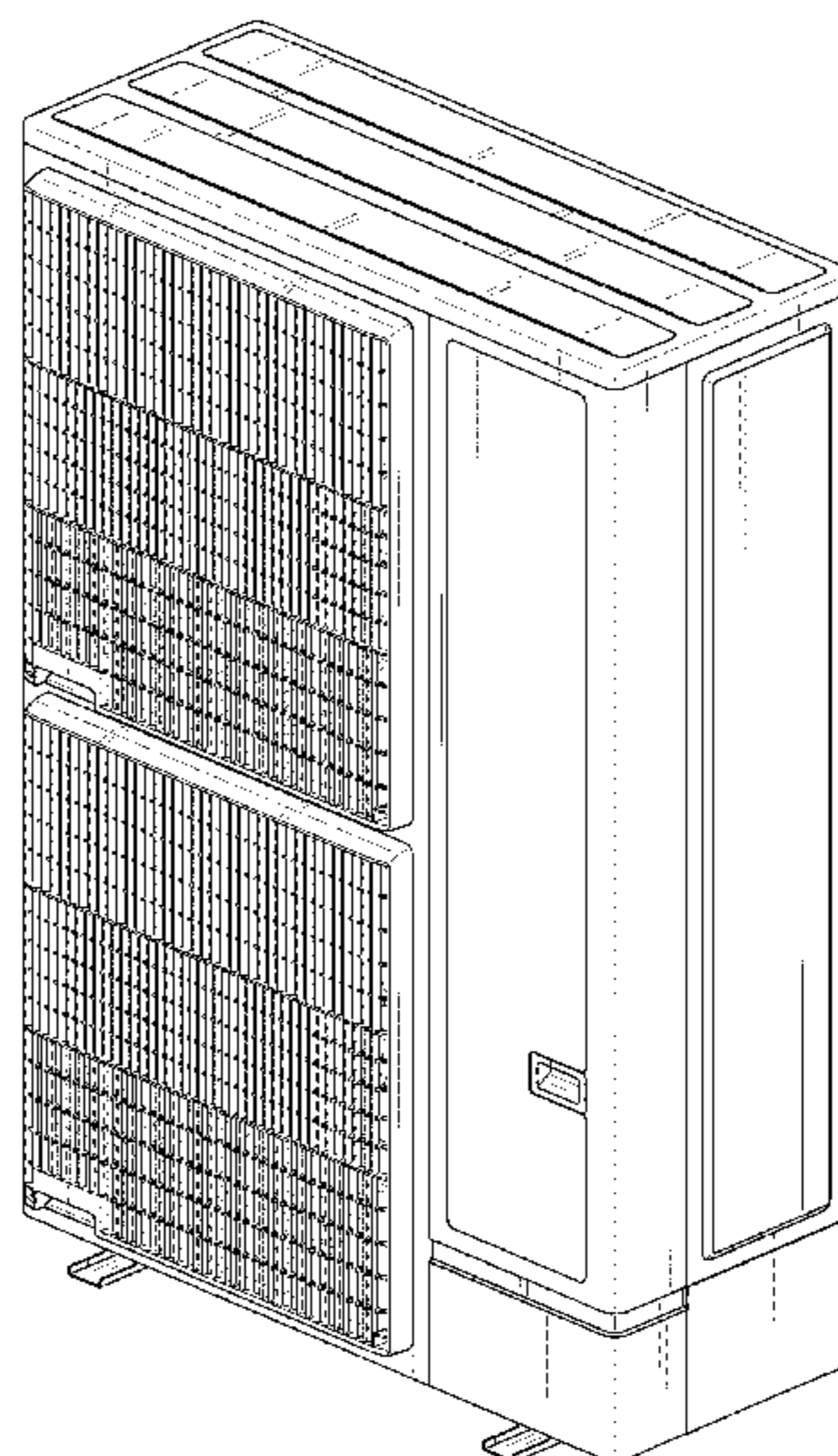
The ornamental design for an outdoor unit for air condi-
tioner, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an outdoor unit for air
conditioner showing my new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

The broken lines shown are included for the purpose of
illustrating the unclaimed portions of the outdoor unit for air
conditioner and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D497,983 S * 11/2004 Nanjo D23/351
 D508,118 S * 8/2005 Motonishi D23/351
 D532,889 S * 11/2006 Shimizu D23/351
 D579,536 S * 10/2008 Oh D23/351
 D584,388 S * 1/2009 Chooji D23/351
 D683,834 S * 6/2013 Katou D23/351
 D700,304 S * 2/2014 Ikegaya D23/351
 D715,909 S * 10/2014 Shiota D23/351
 D783,790 S * 4/2017 Tajima D23/354
 D797,269 S * 9/2017 Kudo D23/351
 D804,000 S * 11/2017 Nomura D23/351
 10,024,555 B2 * 7/2018 Yanase F24F 1/24
 D828,911 S * 9/2018 Murofushi D23/351
 10,126,003 B2 * 11/2018 Nezu F24F 1/38
 D847,322 S * 4/2019 Murofushi D23/351
 D857,184 S * 8/2019 Surmont D23/351
 D865,139 S * 10/2019 Kusuki D23/318
 D888,912 S * 6/2020 Kusuki D23/318
 D901,660 S * 11/2020 Yuan D23/351
 D921,172 S * 6/2021 Kobayashi D23/351
 D921,173 S * 6/2021 Kobayashi D23/351
 11,255,564 B2 * 2/2022 Shimamura F24F 11/61
 D946,725 S * 3/2022 Kosuge D23/351
 D946,726 S * 3/2022 Kosuge D23/351
 D946,727 S * 3/2022 Kosuge D23/351
 D956,113 S * 6/2022 Costanza D23/351
 D958,311 S * 7/2022 Kobayashi D23/351
 D959,628 S * 8/2022 Kyung D23/364
 D959,629 S * 8/2022 Kyung D23/364
 2006/0130516 A1 * 6/2006 Sugiyama F24F 1/46
 62/298

2010/0319380 A1 * 12/2010 Mochizuki F24F 13/20
 62/426
 2012/0167608 A1 * 7/2012 Bae F24F 1/08
 62/296
 2016/0091425 A1 * 3/2016 Kang G01B 11/14
 62/89
 2016/0146512 A1 * 5/2016 Kitabatake F24F 1/40
 62/498
 2017/0089628 A1 * 3/2017 Jang F25B 49/027
 2017/0219292 A1 * 8/2017 Choi F28F 9/0221
 2017/0248327 A1 * 8/2017 Nezu F24F 1/46

FOREIGN PATENT DOCUMENTS

IN 335646-001 * 11/2021
 JP D2016-19640 * 7/2017
 JP D2017-1673 * 12/2017

OTHER PUBLICATIONS

Futjitsu Product Catalogue 2022, Product Catalogue 2022, available on levice-klima.sk, published 2022 [online] [site visited Aug. 10, 2022] Internet URL: https://levice-klima.sk/pdf/FUJITSU_2022_tc.pdf (Year: 2022).*

LG Wall Mounted 2-Zone System—60,000 Btu Outdoor—24k + 24k Indoor—20.5 Seer, available on powerequipmentdirect.com, first review date Aug. 15, 2017 [online] [site visited Aug. 10, 2022] Internet URL: <https://www.powerequipmentdirect.com/LG-L2H60W24240000/p66636.html> (Year: 2017).*

* cited by examiner

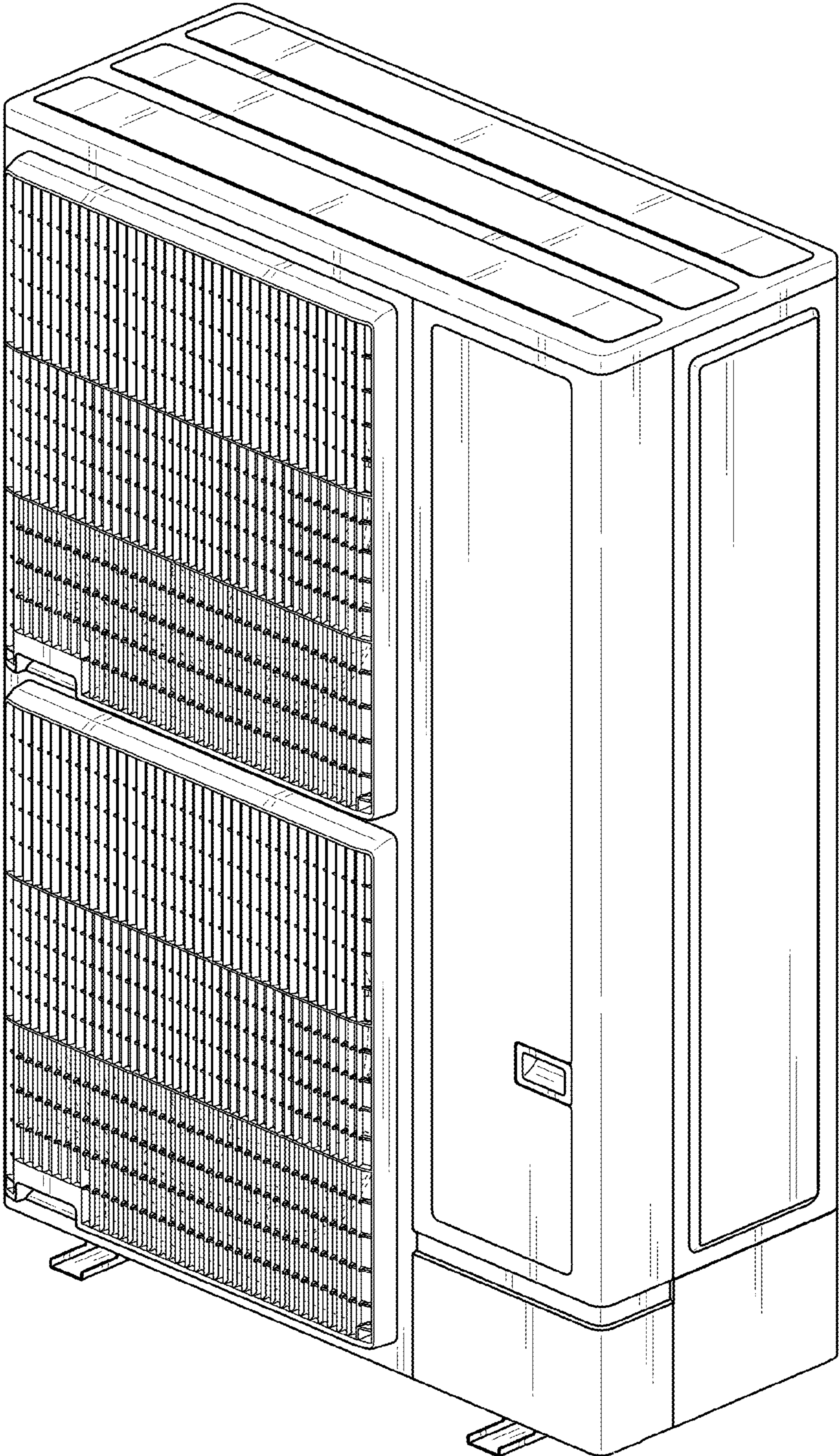


FIG. 1

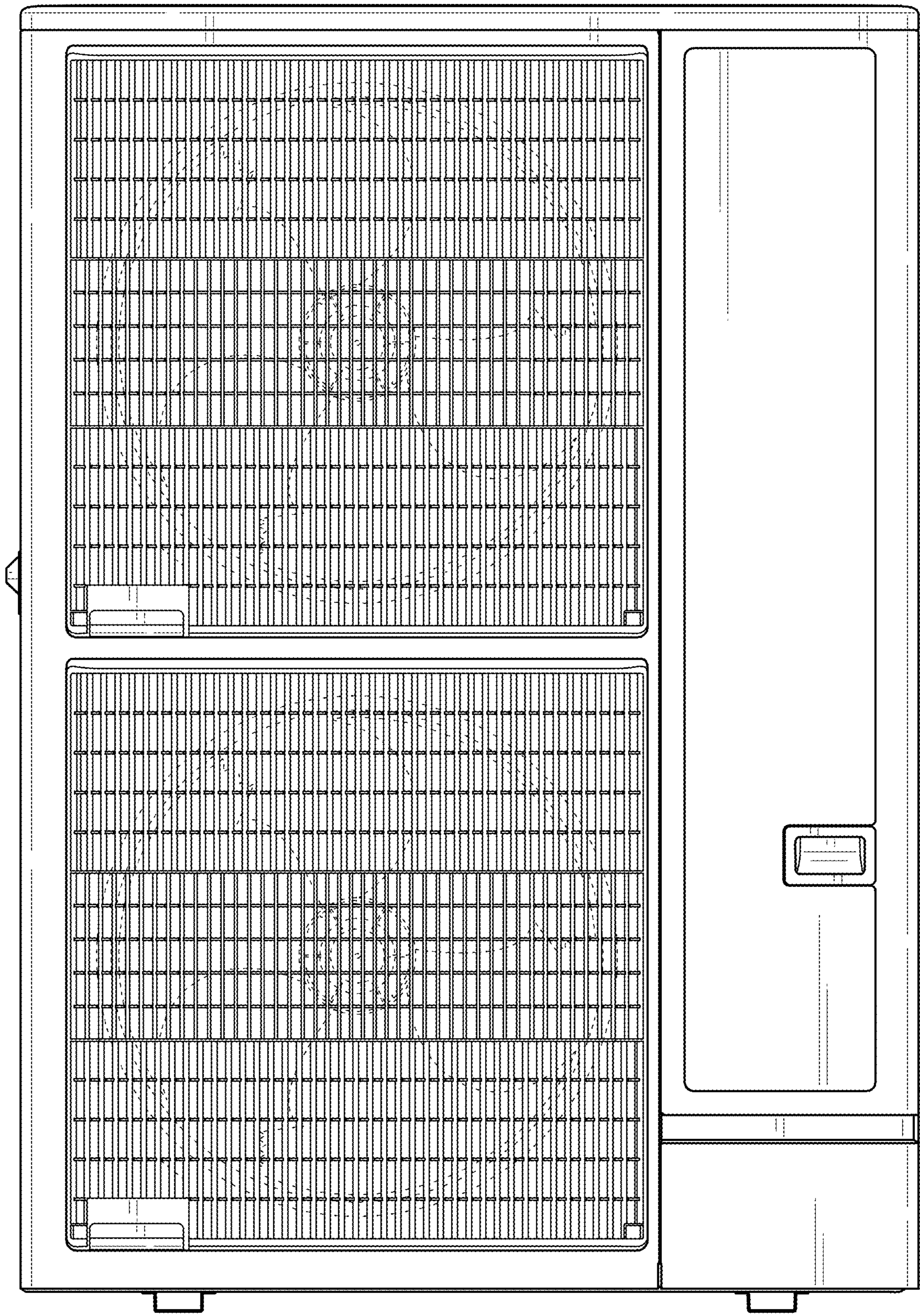


FIG. 2

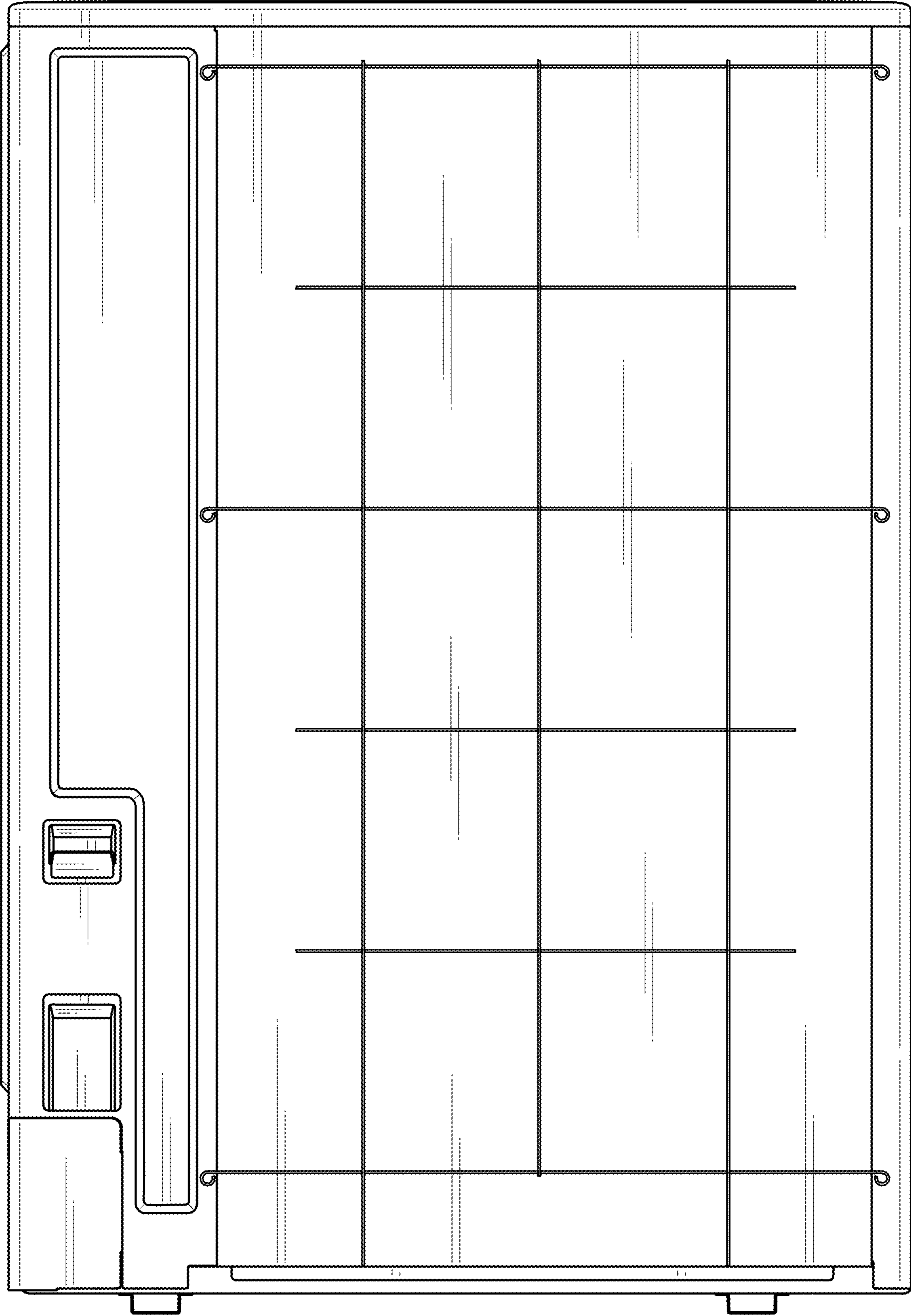


FIG. 3

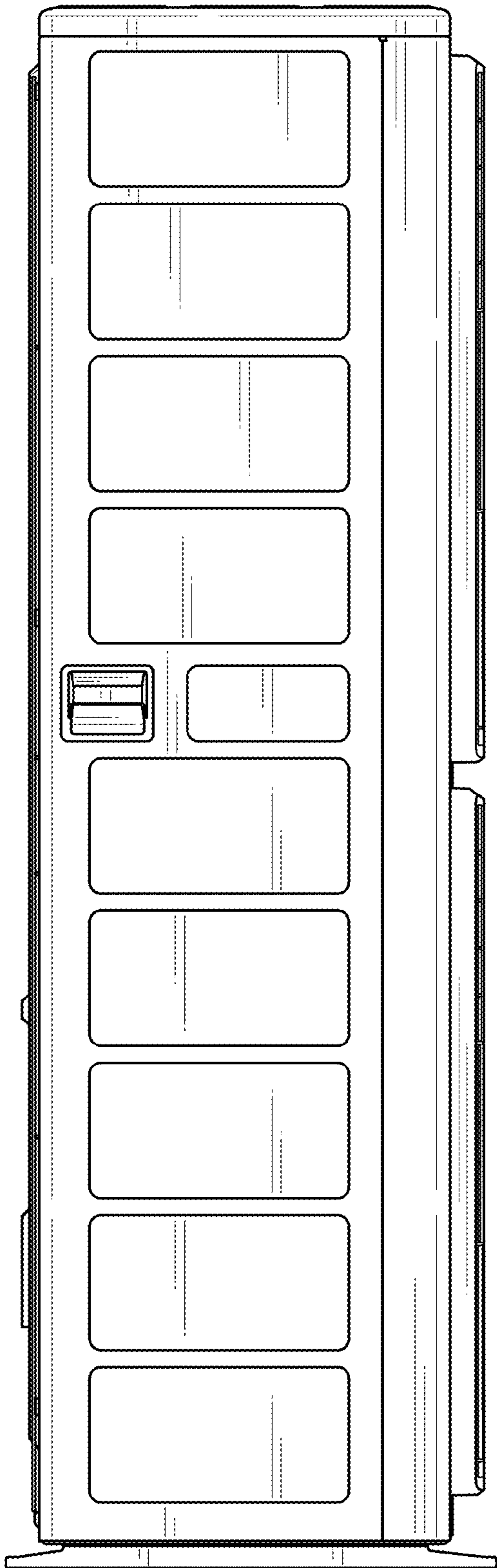


FIG. 4

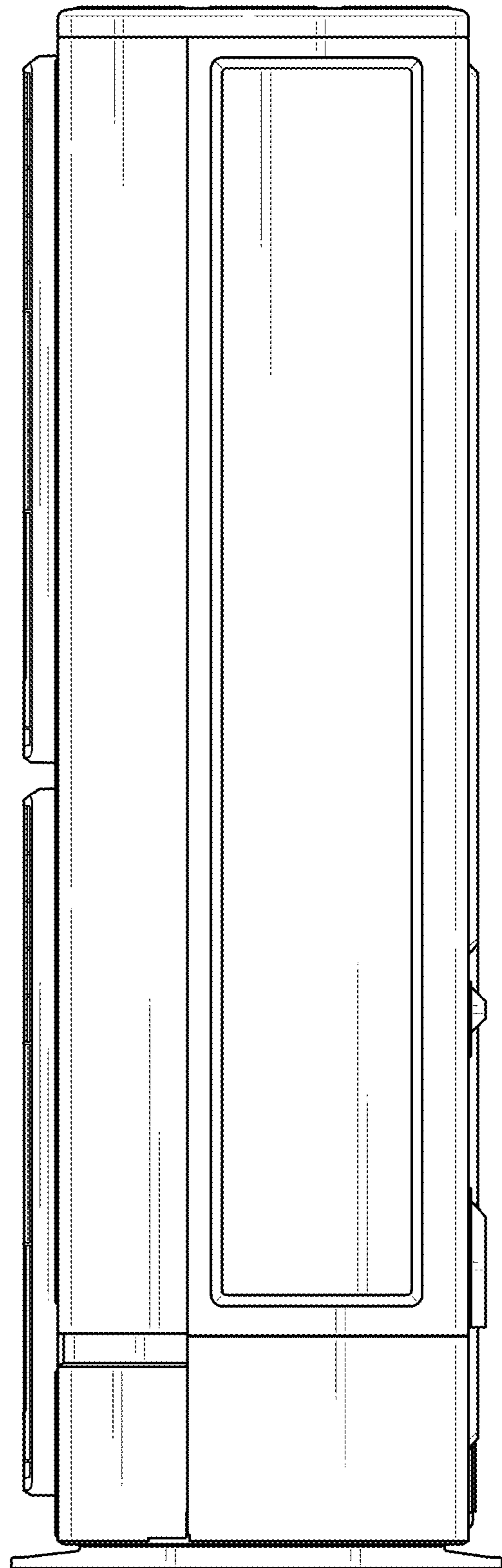


FIG. 5

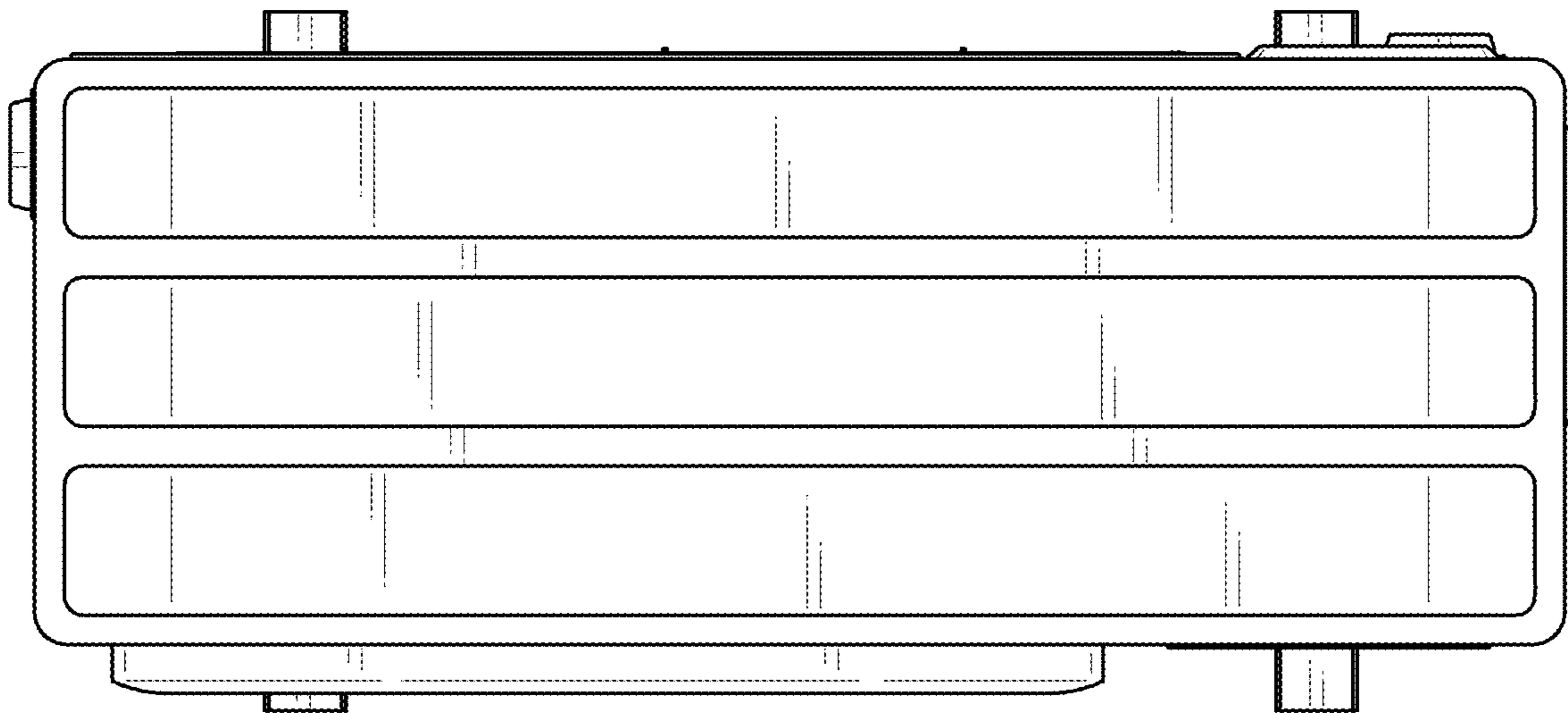


FIG. 6

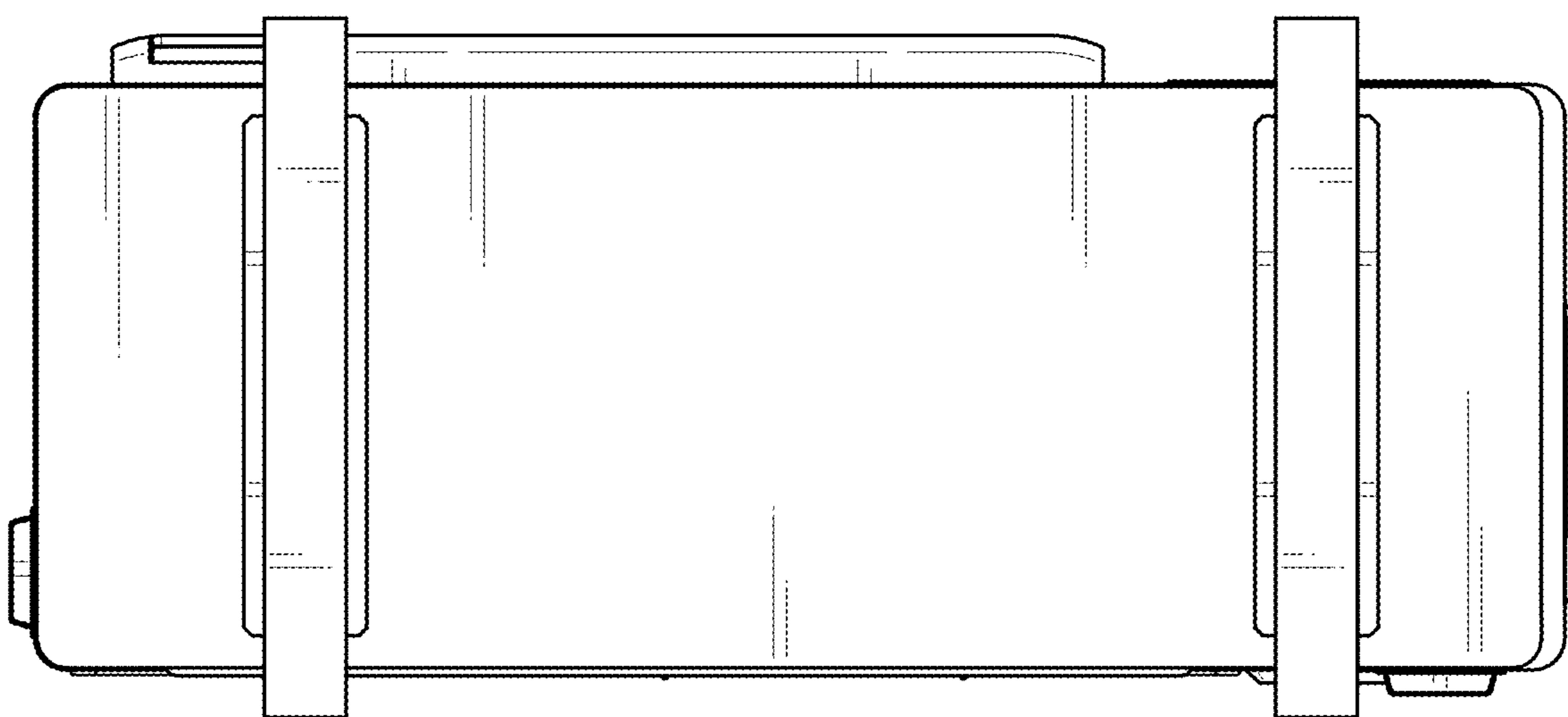


FIG. 7