



US00D808387S

(12) **United States Design Patent** (10) **Patent No.:** **US D808,387 S**
Ootori (45) **Date of Patent:** **** Jan. 23, 2018**

(54) **ARITHMETIC AND CONTROL UNIT**
(71) Applicant: **SONY INTERACTIVE ENTERTAINMENT INC.**, Tokyo (JP)
(72) Inventor: **Yasuhiro Ootori**, Tokyo (JP)
(73) Assignee: **SONY INTERACTIVE ENTERTAINMENT INC.**, Tokyo (JP)

D318,655 S * 7/1991 Bowker D14/356
D349,520 S * 8/1994 Iwakami D21/332
D362,869 S * 10/1995 Oikawa D21/332
D362,870 S * 10/1995 Oikawa D21/332
D363,744 S * 10/1995 Hama D21/331
D367,895 S * 3/1996 Goto D21/332
D383,800 S * 9/1997 Ishizaki D21/332
D412,940 S * 8/1999 Kato D14/357
D431,557 S * 10/2000 Lutz, Jr. D14/242
D434,455 S * 11/2000 Iino D14/135

(Continued)

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

(21) Appl. No.: **29/566,470**

(22) Filed: **May 31, 2016**

(30) **Foreign Application Priority Data**

Dec. 2, 2015 (JP) 2015-026952

(51) **LOC (11) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/356**; D21/332; D14/496

(58) **Field of Classification Search**

USPC D14/356, 357, 358, 300, 302, 314, 349,
D14/496, 498, 499, 500, 502, 125, 162,
D14/168, 240, 242, 243, 299, 361, 362,
D14/363, 365, 367; D21/324-333;
D13/123, 158, 159, 162, 162.1, 163, 184,
D13/199

CPC . G09G 5/00; G06G 3/00; G11B 33/02; G11B
33/022; G11B 33/027; G11B 33/04;
G02B 6/0001; G06F 1/16; G06F 19/00;
G07F 17/32; A63F 13/02; A63F 13/12;
A63F 9/02; A63F 9/24; A63F 11/00;
A63F 71/00; H05K 5/00; H05K 5/0013;
H05K 5/0026; H05K 7/00; H04N 5/50;
H04N 5/64

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D264,101 S * 4/1982 Hanzawa D21/324
D311,740 S * 10/1990 Wagner D14/358

OTHER PUBLICATIONS

Arithmetic and Control Units. (Design—© Questel). orbit.com.
[online PDF] 30 pgs. Print Dates range Sep. 1, 1999 through Jun. 22,
2017 [retrieved on Sep. 19, 2017] <https://sobjprd.questel.fr/export/QPTUJ214/pdf2/16c35466-7840-40fe-8fcd-e7adad078a9b-183142.pdf>.*

Primary Examiner — Susan Bennett Hattan
Assistant Examiner — Marie D. Fast Horse
(74) *Attorney, Agent, or Firm* — Young & Thompson

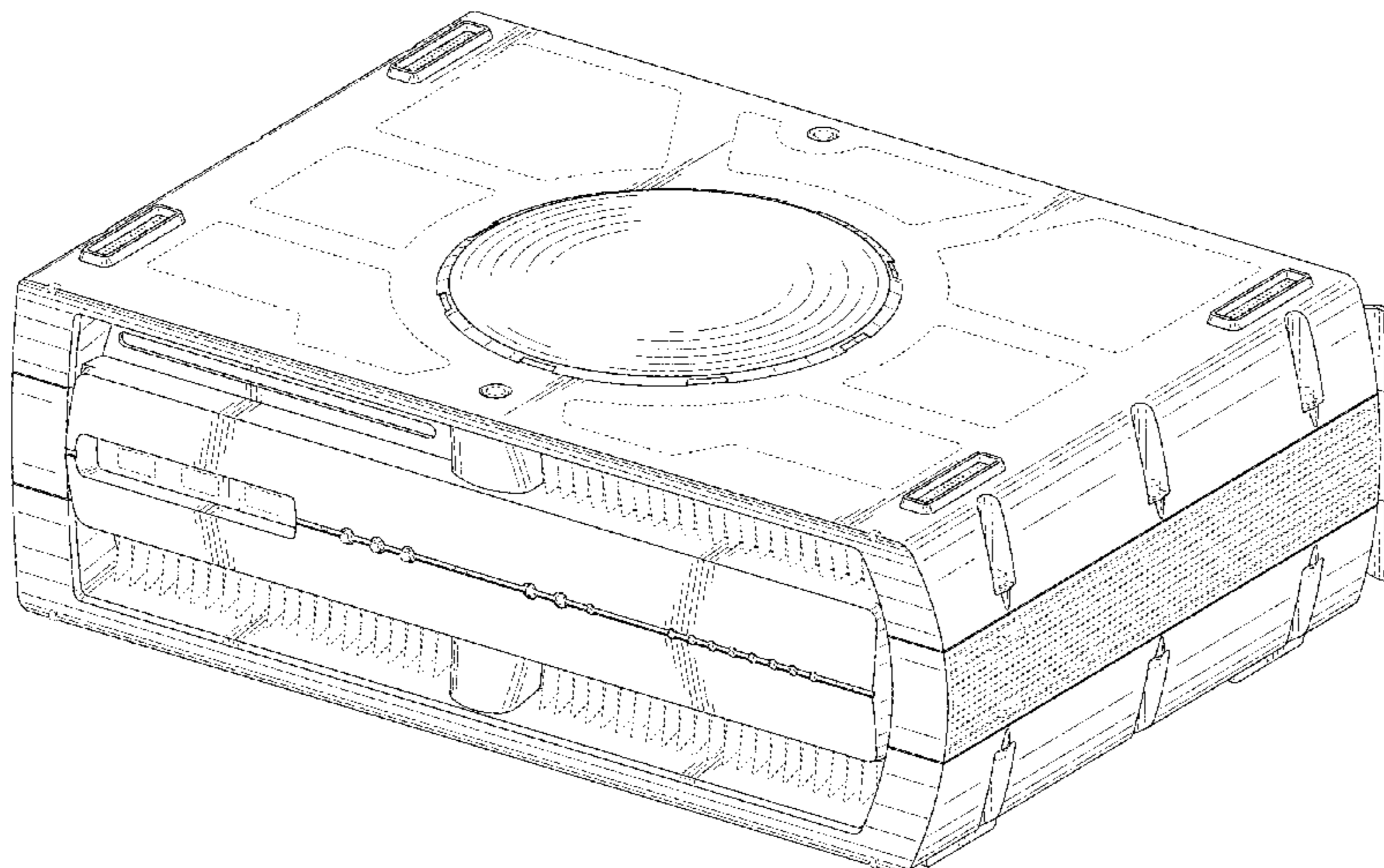
(57) **CLAIM**

The ornamental design for the arithmetic and control unit, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of front, top and right side of the arithmetic and control unit showing my new design; FIG. 2 is a perspective view of rear, bottom and left side thereof; FIG. 3 is a front view thereof; FIG. 4 is a rear view thereof; FIG. 5 is a left side view thereof; FIG. 6 is a right side view thereof; FIG. 7 is a top view thereof; and, FIG. 8 is a bottom view thereof. The portions of the article shown in broken lines form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D436,105 S * 1/2001 Goto D14/356
 D436,955 S * 1/2001 Wilson, Sr. D14/356
 D436,957 S * 1/2001 Goto D14/356
 D437,320 S * 2/2001 Goto D14/356
 D440,549 S * 4/2001 Scorrano D14/168
 6,213,879 B1 * 4/2001 Niizuma H04L 7/0008
 341/50
 D448,810 S * 10/2001 Goto D21/324
 D452,282 S * 12/2001 Stewart D21/333
 D453,019 S * 1/2002 Oba D14/348
 D454,552 S * 3/2002 Nakane D14/168
 6,386,980 B1 * 5/2002 Nishino A63F 13/10
 463/40
 D469,418 S * 1/2003 Hsu D14/142
 D483,809 S * 12/2003 Lim D14/496
 D500,324 S * 12/2004 Hussaini D14/496
 7,008,322 B1 * 3/2006 Suzuki A63F 13/10
 463/31
 D520,000 S * 5/2006 Weiher D14/356
 D520,997 S * 5/2006 Lee D14/356
 D532,784 S * 11/2006 Kutaragi D14/356
 D534,166 S * 12/2006 Kutaragi D14/356
 D534,909 S * 1/2007 Weiher D14/356
 D534,910 S * 1/2007 Weiher D14/356
 D543,955 S * 6/2007 Hayes D13/184

D553,118 S * 10/2007 Williamson D14/168
 D565,568 S * 4/2008 Trifilio D14/356
 D568,276 S * 5/2008 Ikeda D14/365
 D568,311 S * 5/2008 Kutaragi D14/356
 D585,055 S * 1/2009 Sabag D14/300
 D602,891 S * 10/2009 Luo D14/125
 D611,926 S * 3/2010 Lev D14/168
 D647,918 S * 11/2011 Ledbetter D14/203.3
 D658,234 S * 4/2012 Mercier D21/324
 D680,174 S * 4/2013 Mercier D21/332
 D680,594 S * 4/2013 Mercier D21/330
 8,523,646 B2 * 9/2013 Morimoto A63F 13/10
 463/20
 D705,869 S * 5/2014 Jacobs D14/496
 D709,134 S * 7/2014 Dallmeyer D21/332
 D715,361 S * 10/2014 Barinaga D21/332
 D717,874 S * 11/2014 Barinaga D21/332
 D720,347 S * 12/2014 Lo D14/348
 D721,138 S * 1/2015 Barinaga D21/332
 D722,116 S * 2/2015 Gottschalk D21/332
 D766,222 S * 9/2016 Chen D14/240
 2012/0322558 A1 * 12/2012 Tiley A63F 13/02
 463/37
 2013/0303281 A1 * 11/2013 Argiro A63F 13/02
 463/31
 2016/0030835 A1 * 2/2016 Argiro A63F 13/02
 463/33

* cited by examiner

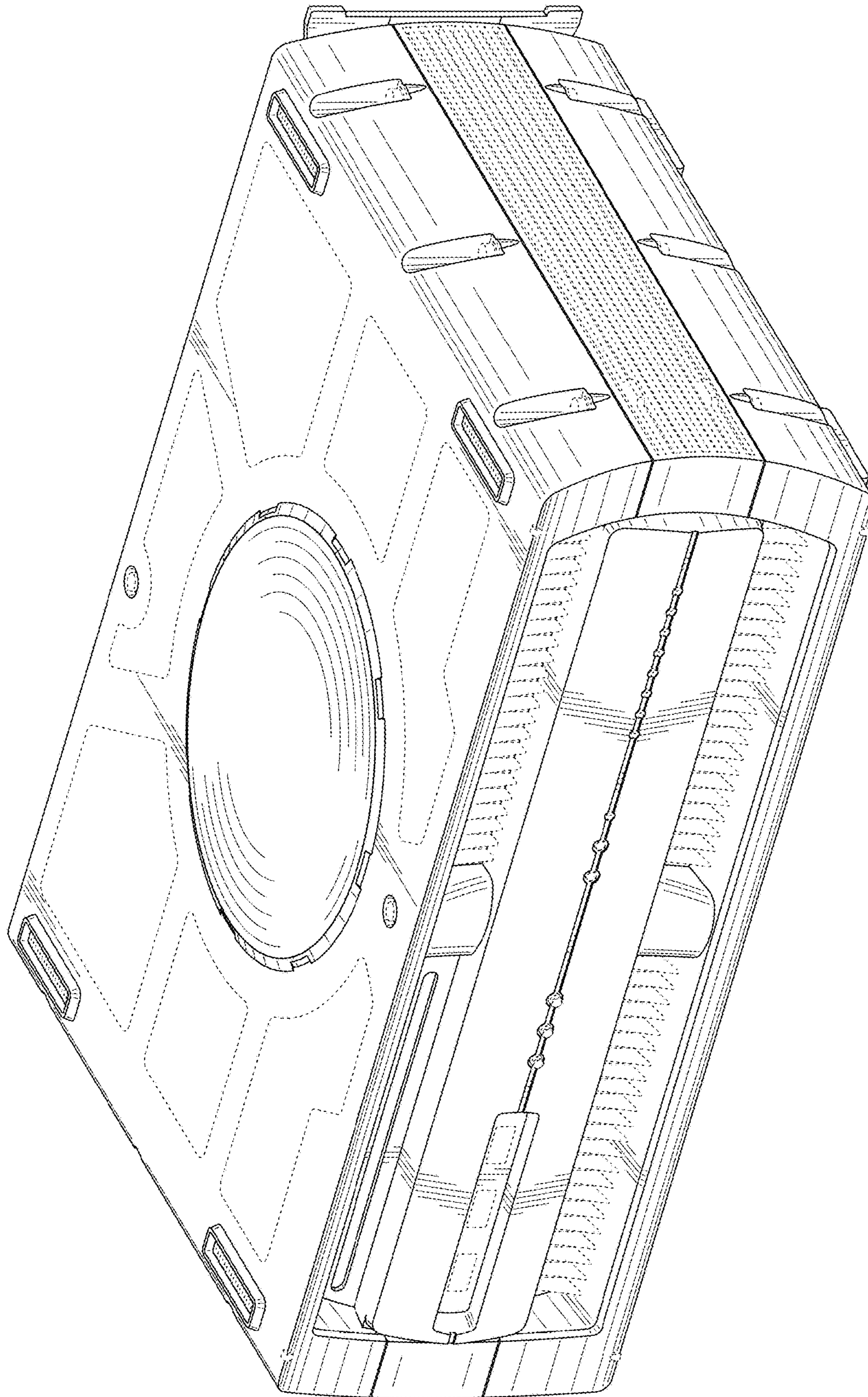


FIG. 1

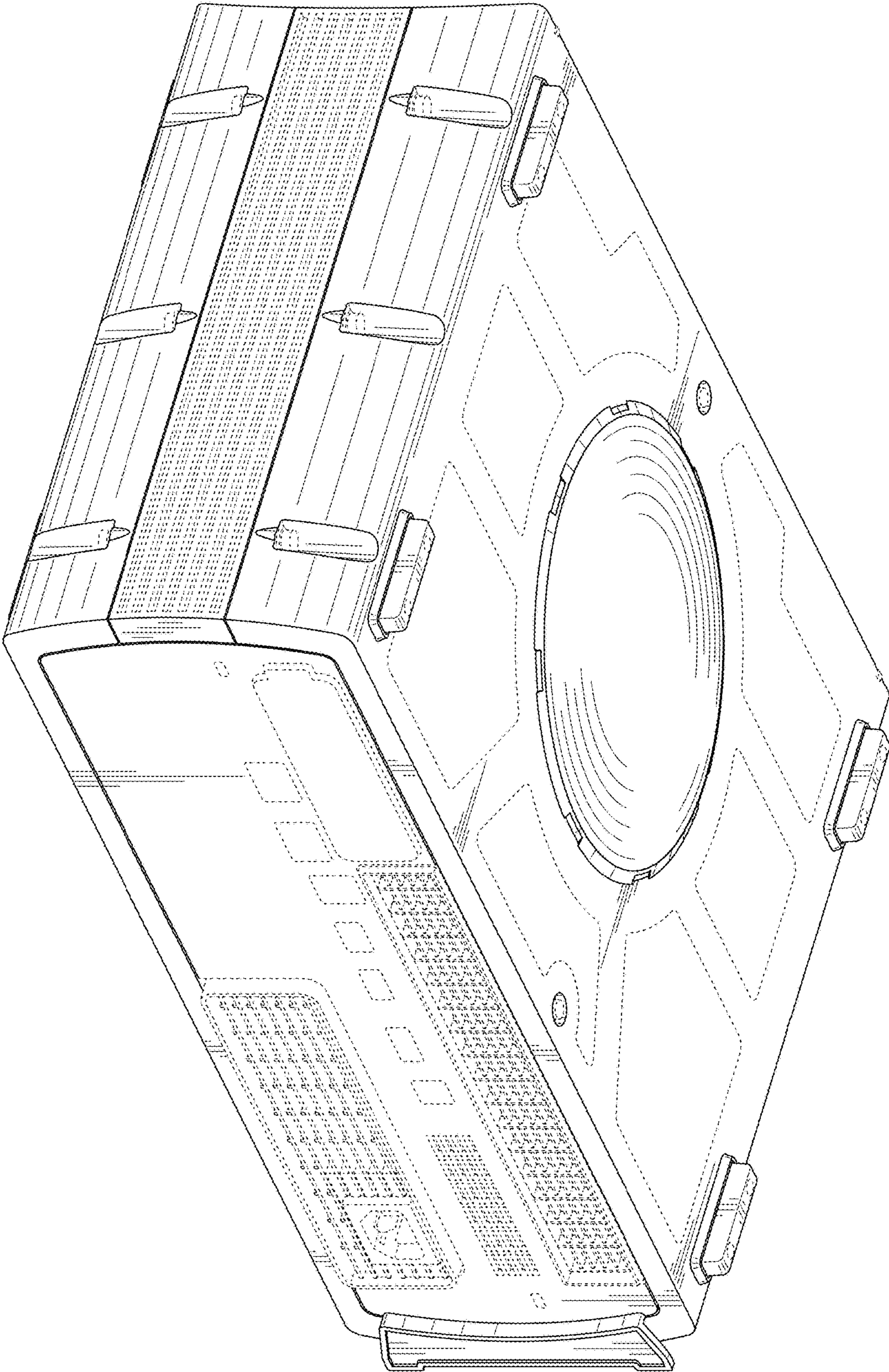


FIG. 2

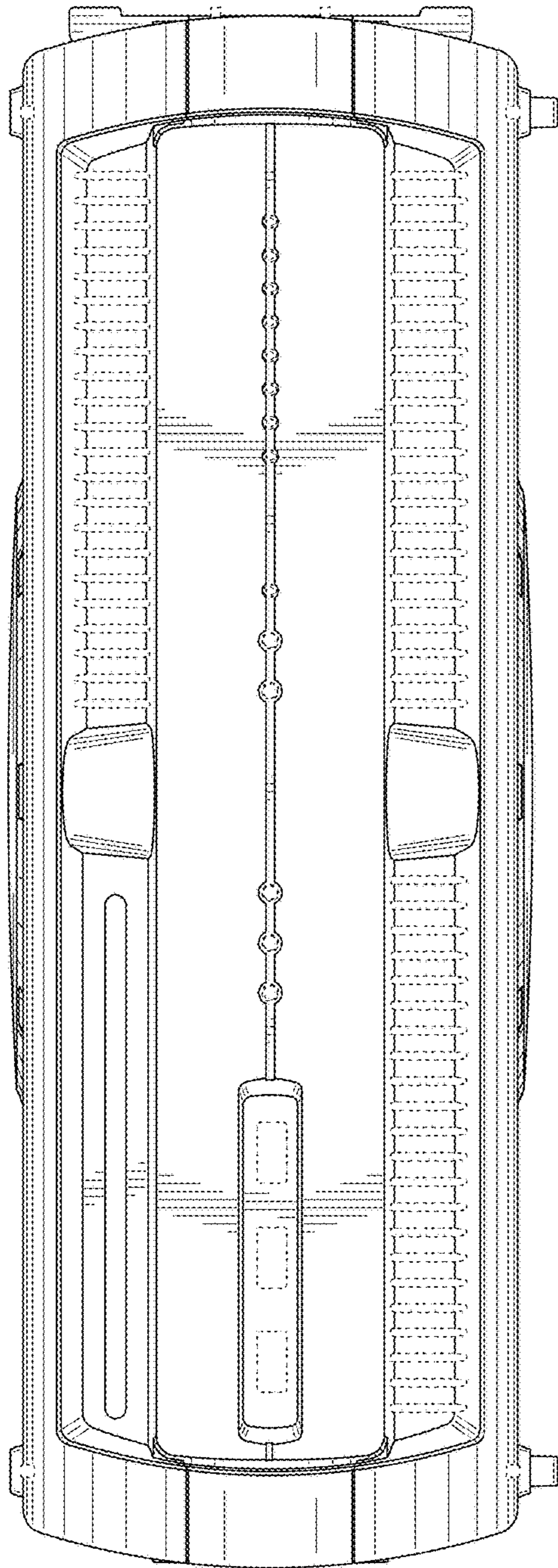


FIG. 3

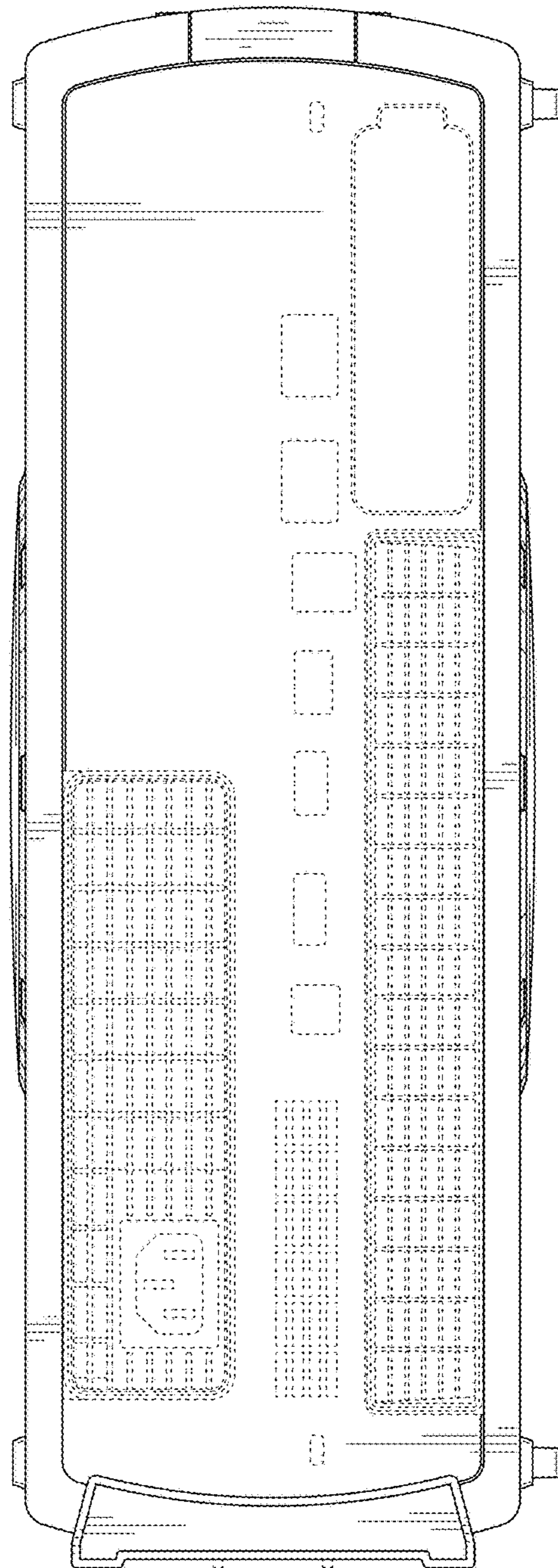


FIG. 4

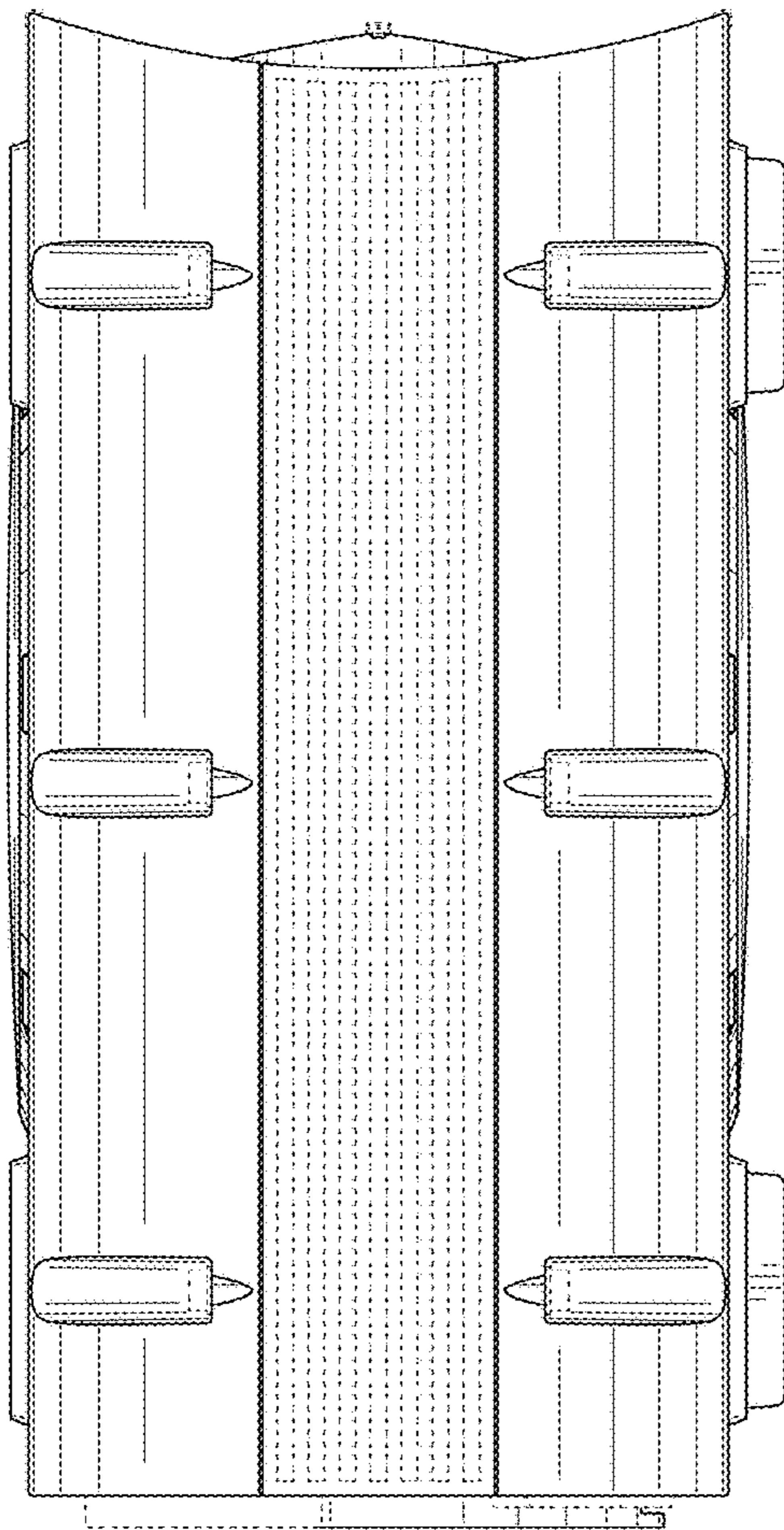


FIG. 5

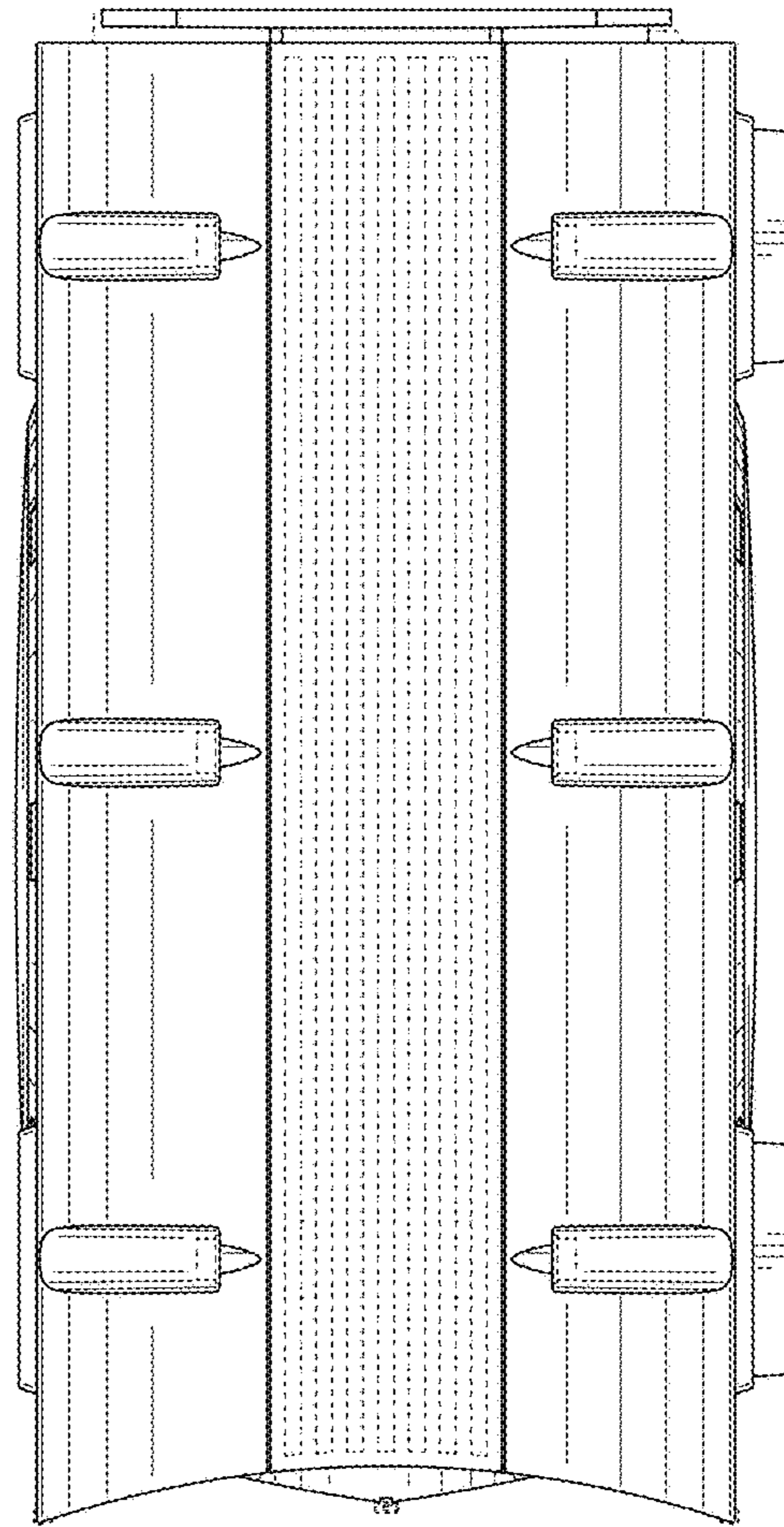


FIG. 6

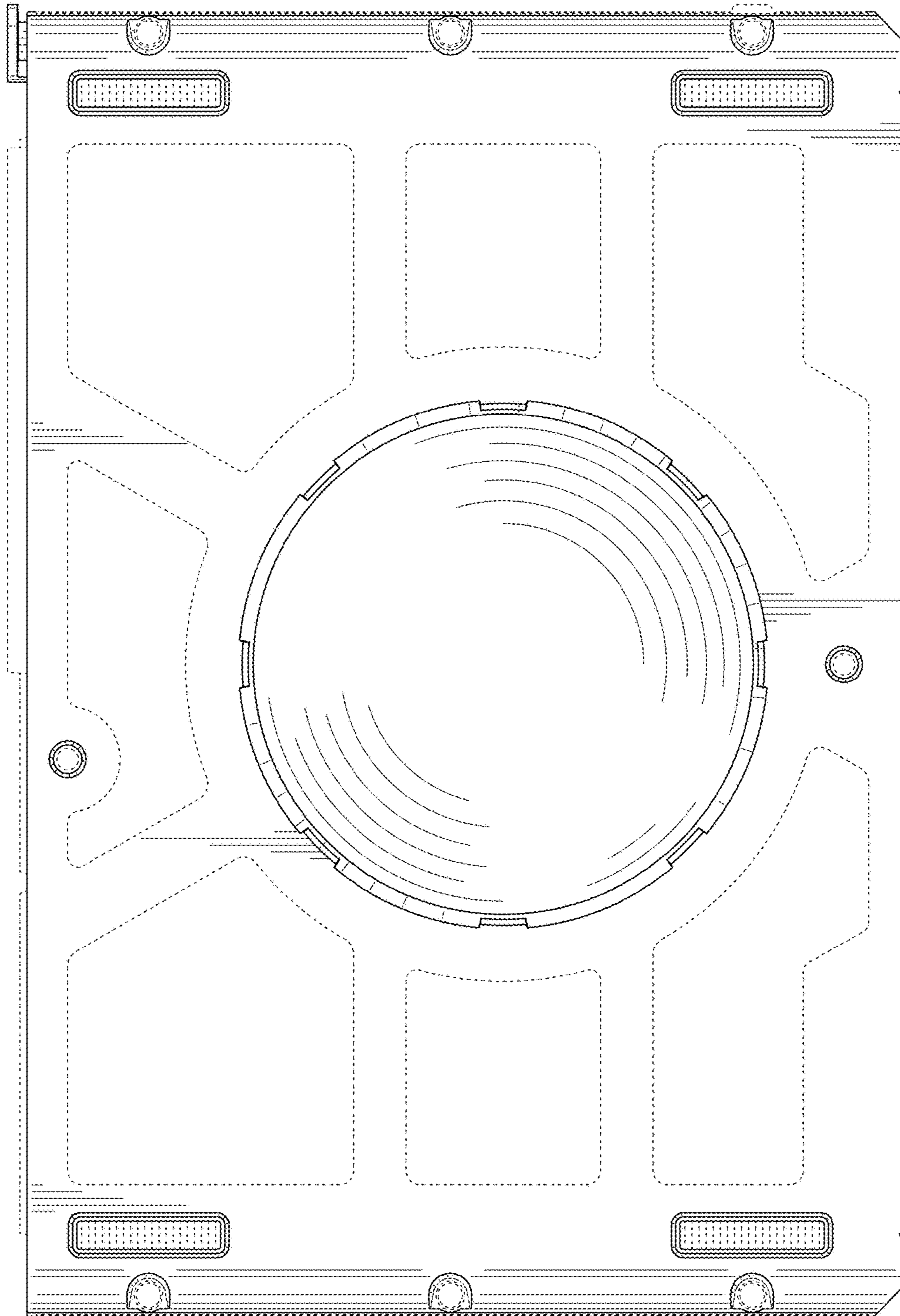


FIG. 7

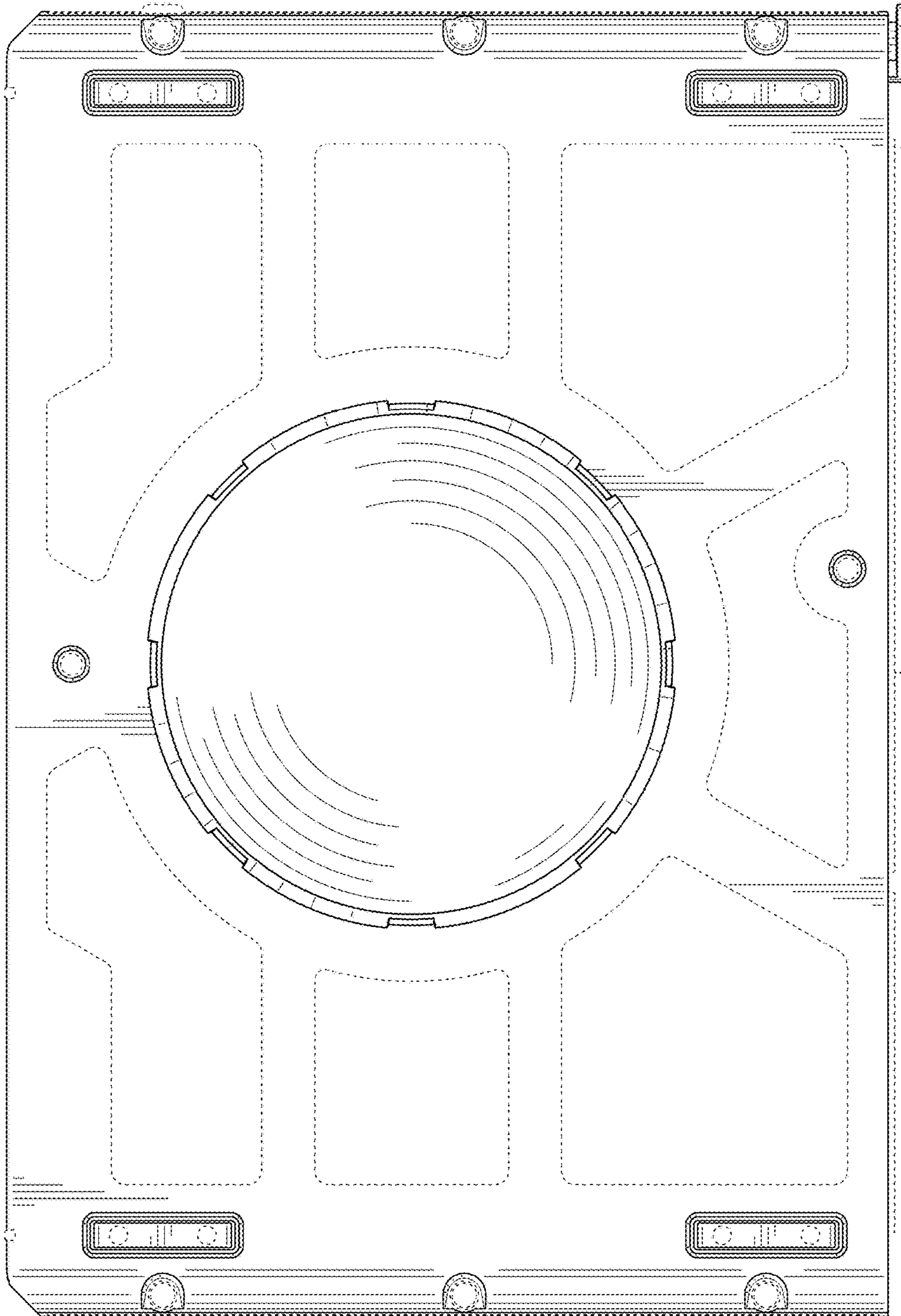


FIG. 8