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Ji et al.

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(54) **ANTENNA**

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(52) **U.S. Cl.**
USPC **D14/230**

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D13/107, 101–103, 118–119, 184, 199,
D13/152, 179, 158, 168, 110
CPC G06F 1/1601; G06F 1/1607; G06F 1/1637;
G06F 1/1642; G06F 3/0421; G06F
3/0428; G06F 3/0488; G06F 3/1446;
H04N 5/64; H04N 1/00522; H05K 7/18;
H05K 7/183; A47B 81/064; A47B 51/00;
A47B 21/0073

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D287,718 S * 1/1987 Moeller D13/184
D301,243 S * 5/1989 Chino D14/230
D311,722 S * 10/1990 Cheng D13/102
D425,068 S * 5/2000 Melin D14/230
D595,700 S * 7/2009 Cook D14/234
D700,651 S * 3/2014 Tovar D19/1
8,879,267 B2 * 11/2014 Henry H04L 12/6418
361/709

D727,842 S * 4/2015 Auberton-Herve D13/102
D770,971 S * 11/2016 Anderson D13/102
D774,023 S * 12/2016 Fariello D14/230
D775,688 S * 1/2017 Li D19/1
D813,944 S * 3/2018 Sato D19/1

(Continued)

FOREIGN PATENT DOCUMENTS

CN 306603958 * 6/2021
CN 307526683 * 9/2022

OTHER PUBLICATIONS

Online Labels, “Product RL2077DT . . .” available at onlinelabels.com, oldest review date Dec. 30, 2017, site visited Nov. 30, 2022, available at URL: <https://www.onlinelabels.com/products/rl2077dt?qty=1&campaign=Shopping+Rolls> (Year: 2017).*

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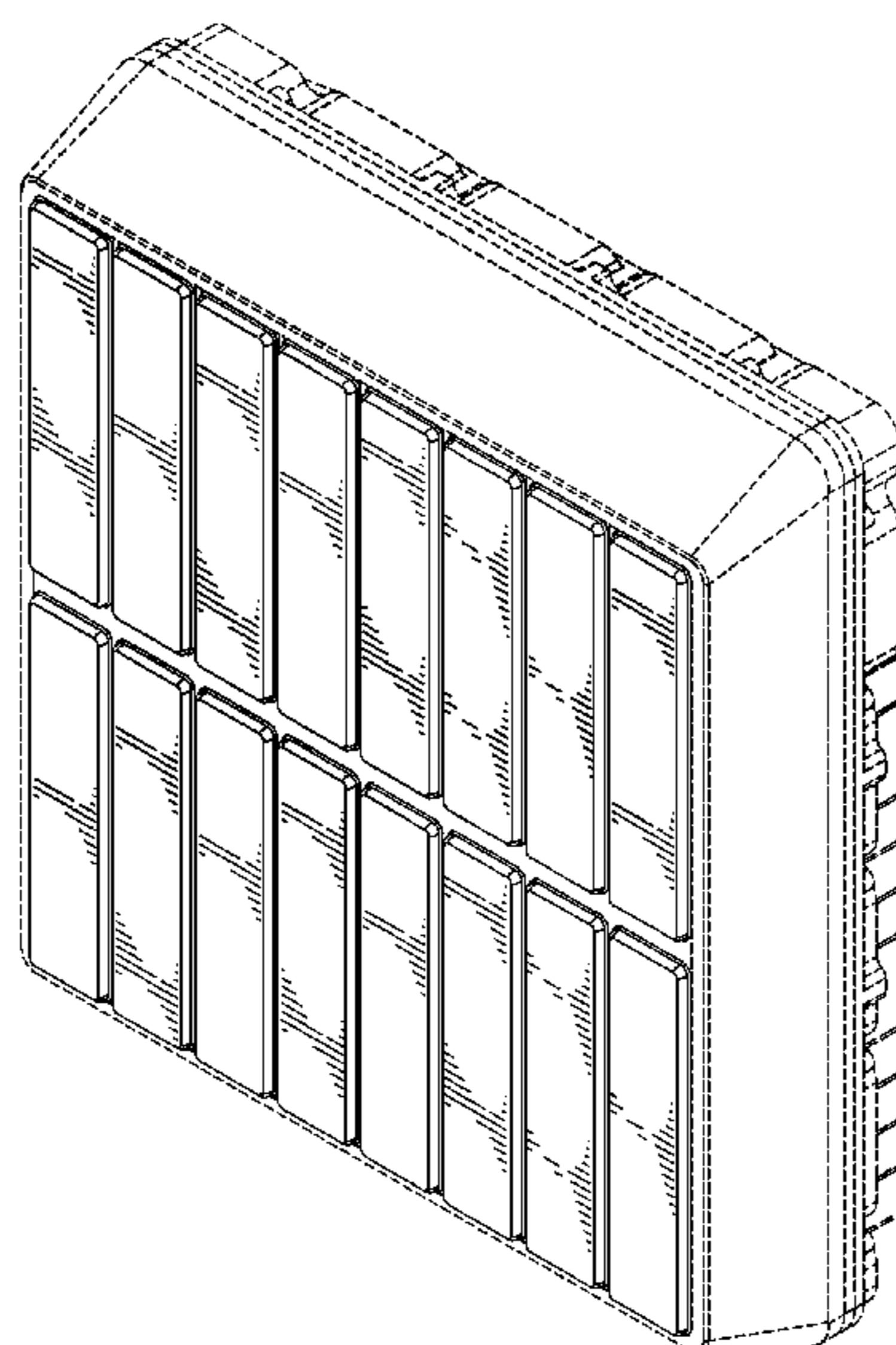
(57) **CLAIM**

We claim the ornamental design for the antenna, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an antenna showing our 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 in the drawings depict portions of the antenna that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

10,018,792 B2 * 7/2018 Kim G02B 6/4269
D882,681 S * 4/2020 Sato D19/1
D884,070 S * 5/2020 Chandra D19/1
D884,612 S * 5/2020 Lau D13/107
D891,408 S * 7/2020 Kwak D14/240
D895,731 S * 9/2020 Schwab D20/27
D908,606 S * 1/2021 Fukui D13/102
11,088,731 B2 * 8/2021 Kim H01Q 1/246
D939,433 S * 12/2021 Ayub D13/103
D947,820 S * 4/2022 Zhao D14/230
D954,689 S * 6/2022 Forster D14/230
2013/0062596 A1 * 3/2013 Ando H01L 51/56
438/34
2014/0036529 A1 * 2/2014 Suzuki G02B 6/0061
362/606

OTHER PUBLICATIONS

Brady, "3" Core Raised Panel Polyester Rectangular Labels" available at bradyid.com, published on Jan. 2, 2020, site visited Nov. 30, 2022, available at URL: <https://bit.ly/3isVf3M> (Year: 2020).*

* cited by examiner

FIG. 1

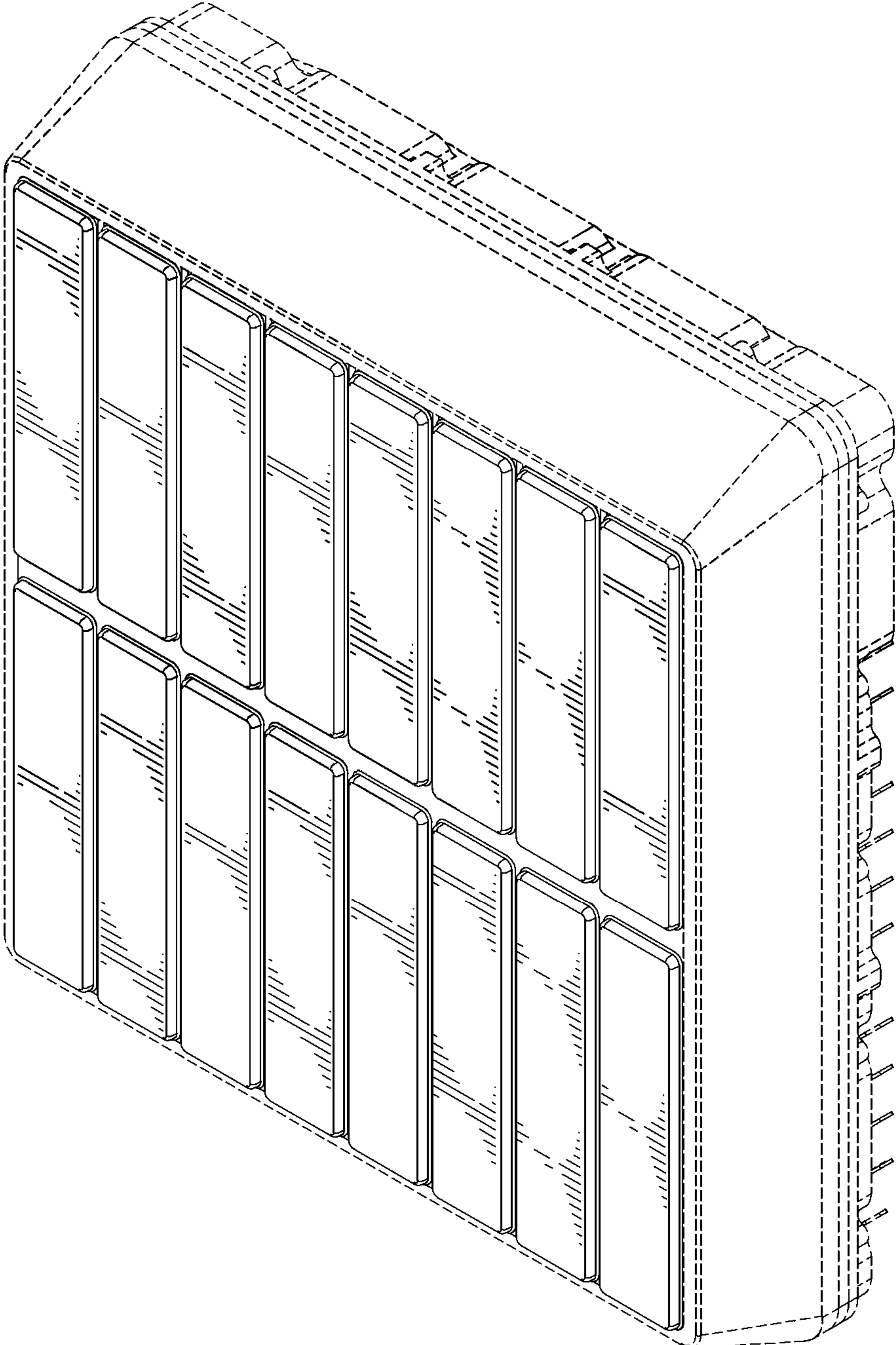


FIG. 2

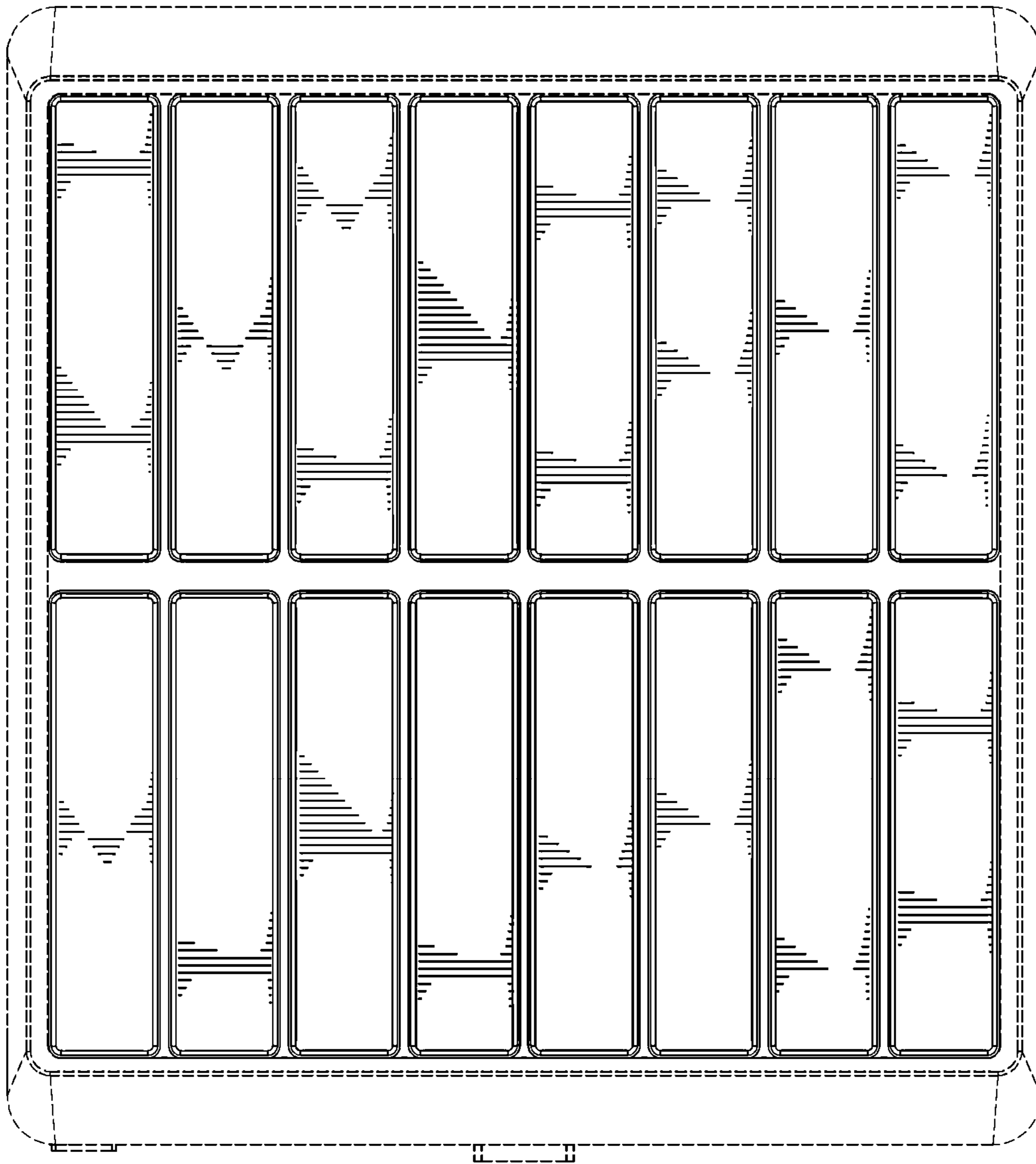


FIG. 3

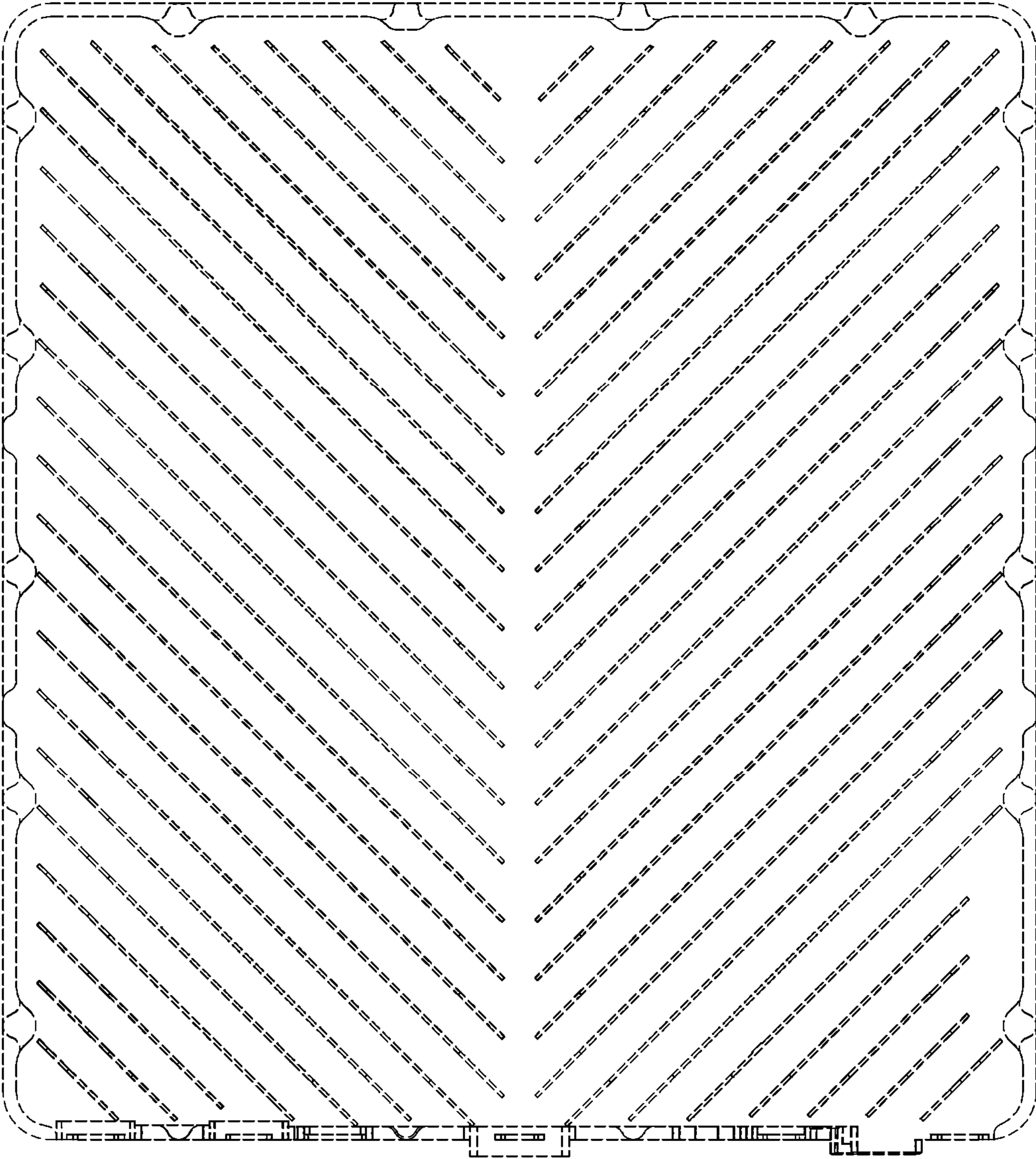


FIG. 4

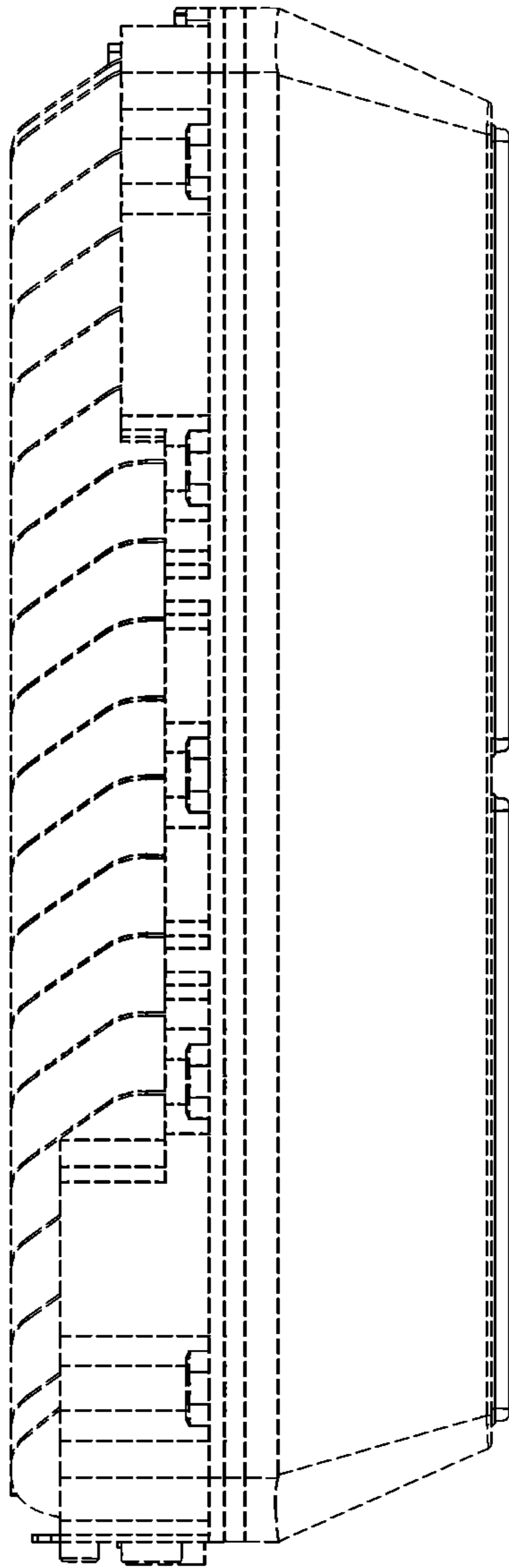


FIG. 5

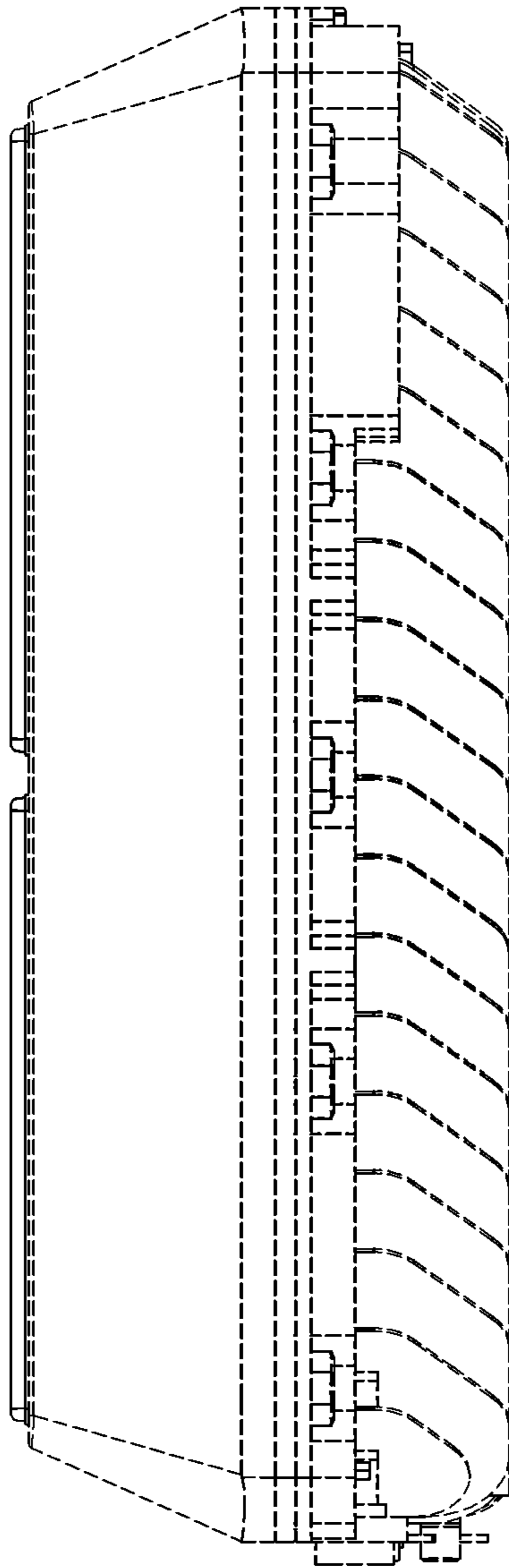


FIG. 6

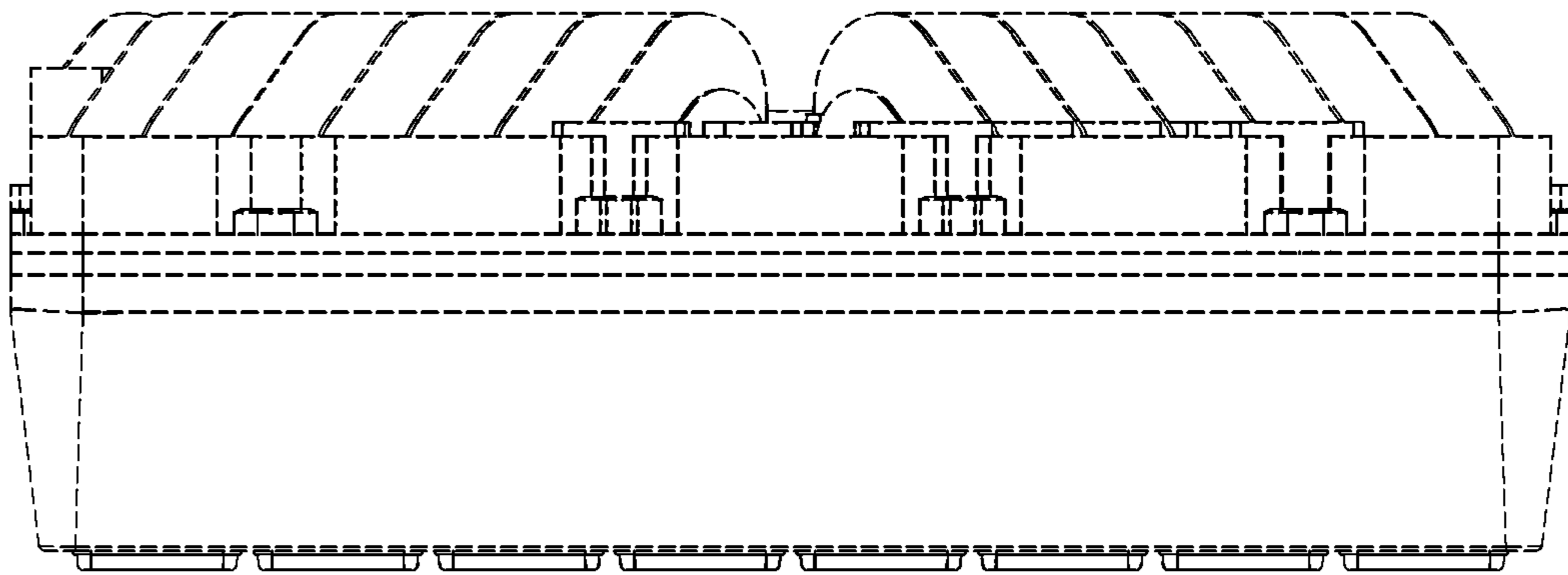


FIG. 7

