



US00D981354S

(12) **United States Design Patent**
Shibata et al.

(10) **Patent No.:** **US D981,354 S**

(45) **Date of Patent:** **** Mar. 21, 2023**

(54) **POWER SEMICONDUCTOR MODULE**

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

(21) Appl. No.: **29/725,452**

(22) Filed: **Feb. 25, 2020**

(30) **Foreign Application Priority Data**

Aug. 29, 2019 (JP) 2019-019215

(51) **LOC (14) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/182**

(58) **Field of Classification Search**
USPC D13/182; 257/678, 684, 690, 691;
361/679.01, 713, 728, 736, 760, 761, 772,
361/775, 783, 820; 174/250, 253;
438/15, 25, 26, 51, 55, 63, 64, 106
CPC . H01L 21/00; H01L 2224/42; H01L 2224/43;
H01L 2021/00; H01L 2021/02; H01L
2021/04; H01L 21/4814; H01L 21/4846;
H01L 21/4871; H01L 21/67144; H01L
23/12; H01L 23/13; H01L 23/14; H01L
23/147; H01L 2924/171; H01L
2924/1711; H01L 2924/1715; H01L
2924/17151; H01L 2924/181; H01L
2924/1811; H01L 2924/1815; H01L
2924/19042; H01L 2924/1905; H01L
2224/08054; H01L 23/58; H05B 41/14;
G02B 6/4256; G02B 6/4257; G02B
6/4261; G02B 6/4262; G02B 6/428;
G02B 6/4281; H05K 1/14; H05K 1/141;
H05K 1/142; H05K 1/144; H05K 1/18;
H05K 1/181;

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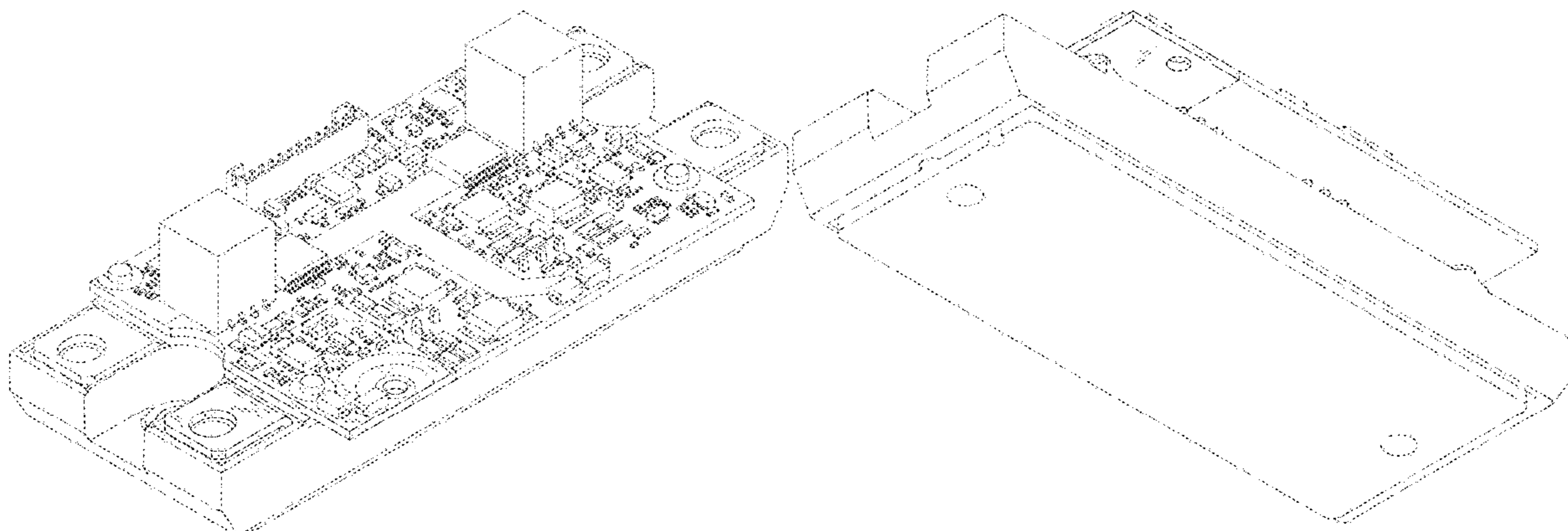
(57) **CLAIM**

The ornamental design for a power semiconductor module, as shown and described.

DESCRIPTION

FIG. 1 is a front, top and left side perspective view of a power semiconductor module showing our new design; FIG. 2 is a front, bottom and left side perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a bottom plan view thereof; and, FIG. 6 is a left side view thereof. The even broken lines illustrate portions of the power semiconductor module that form no part of the claimed design. The dash-dotted lines denote the boundary of the claim and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



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(58) **Field of Classification Search**

CPC H05K 1/182; H05K 1/026; H02B 1/015;
H02B 1/00

See application file for complete search history.

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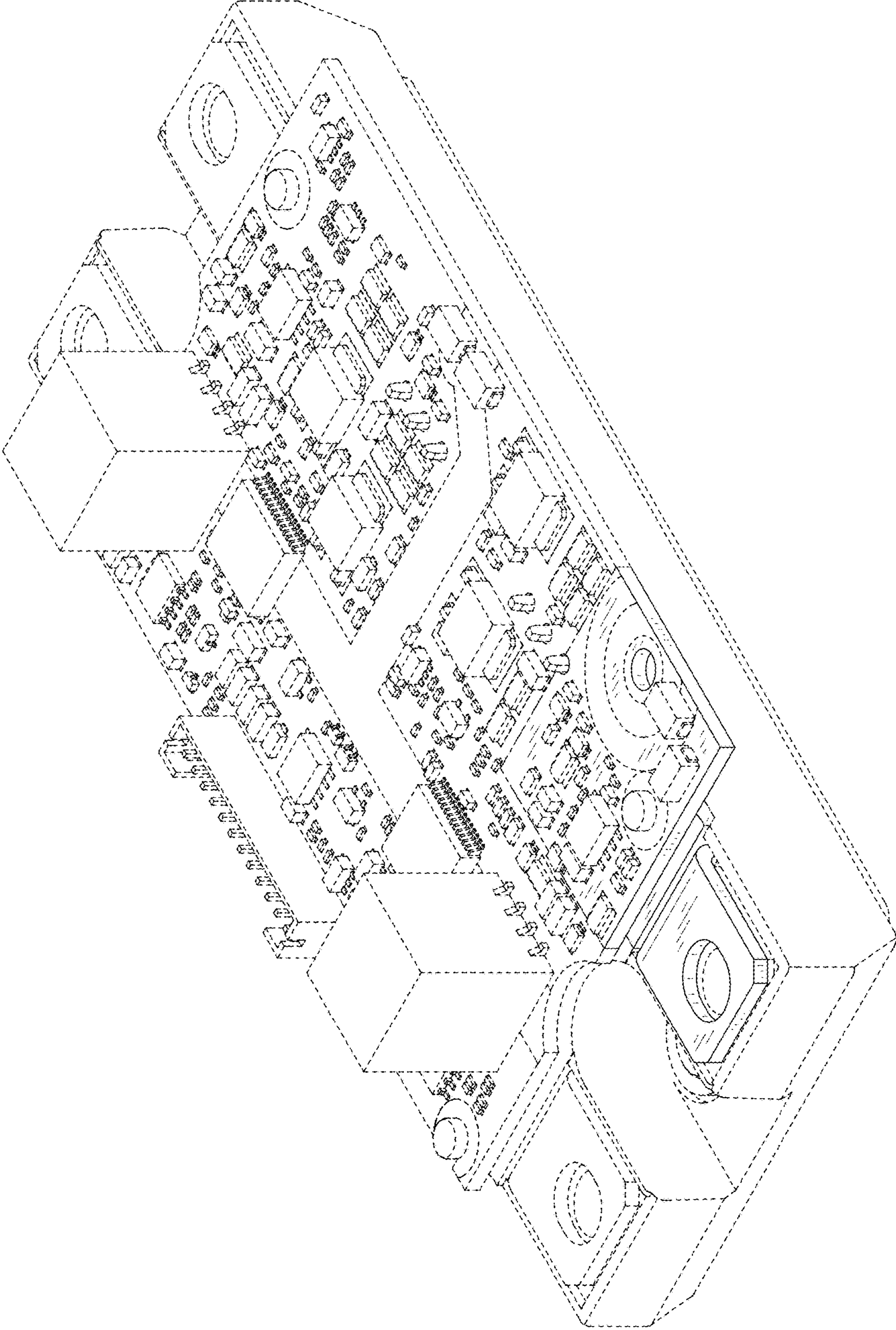


FIG.1

FIG.2

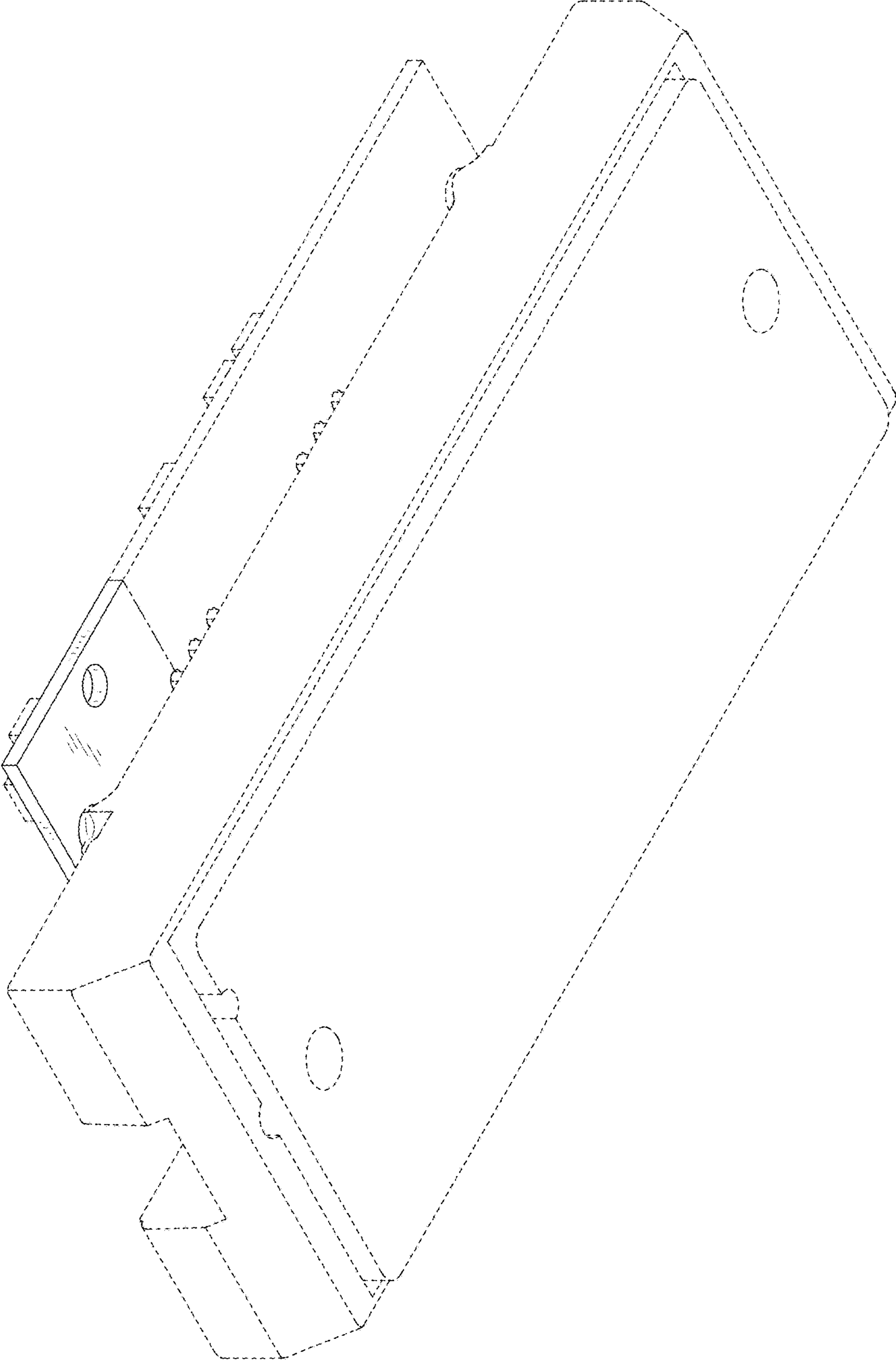


FIG.3

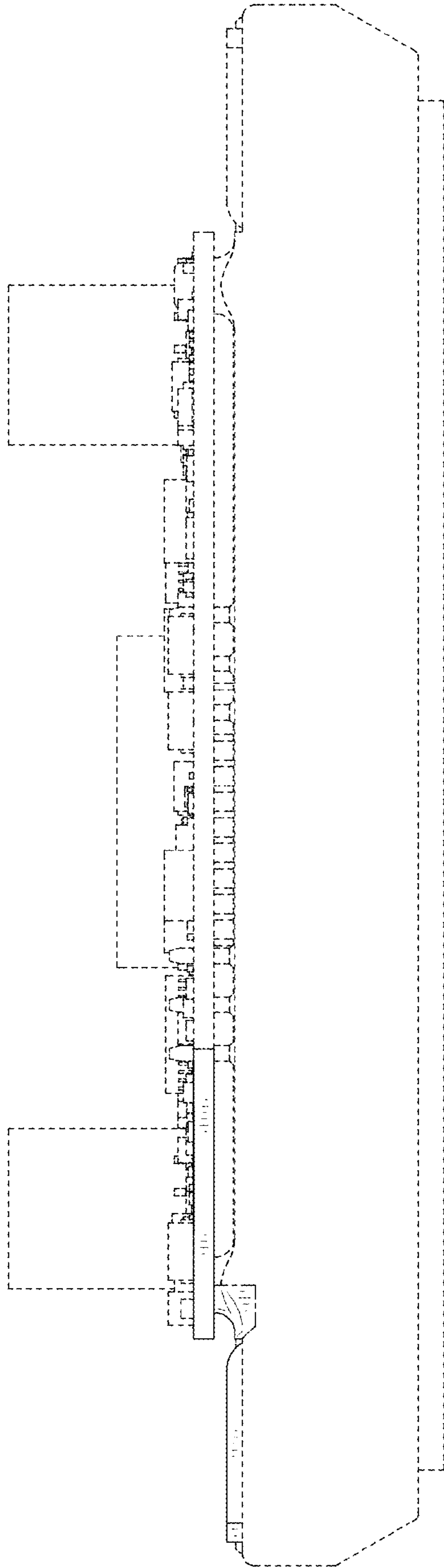
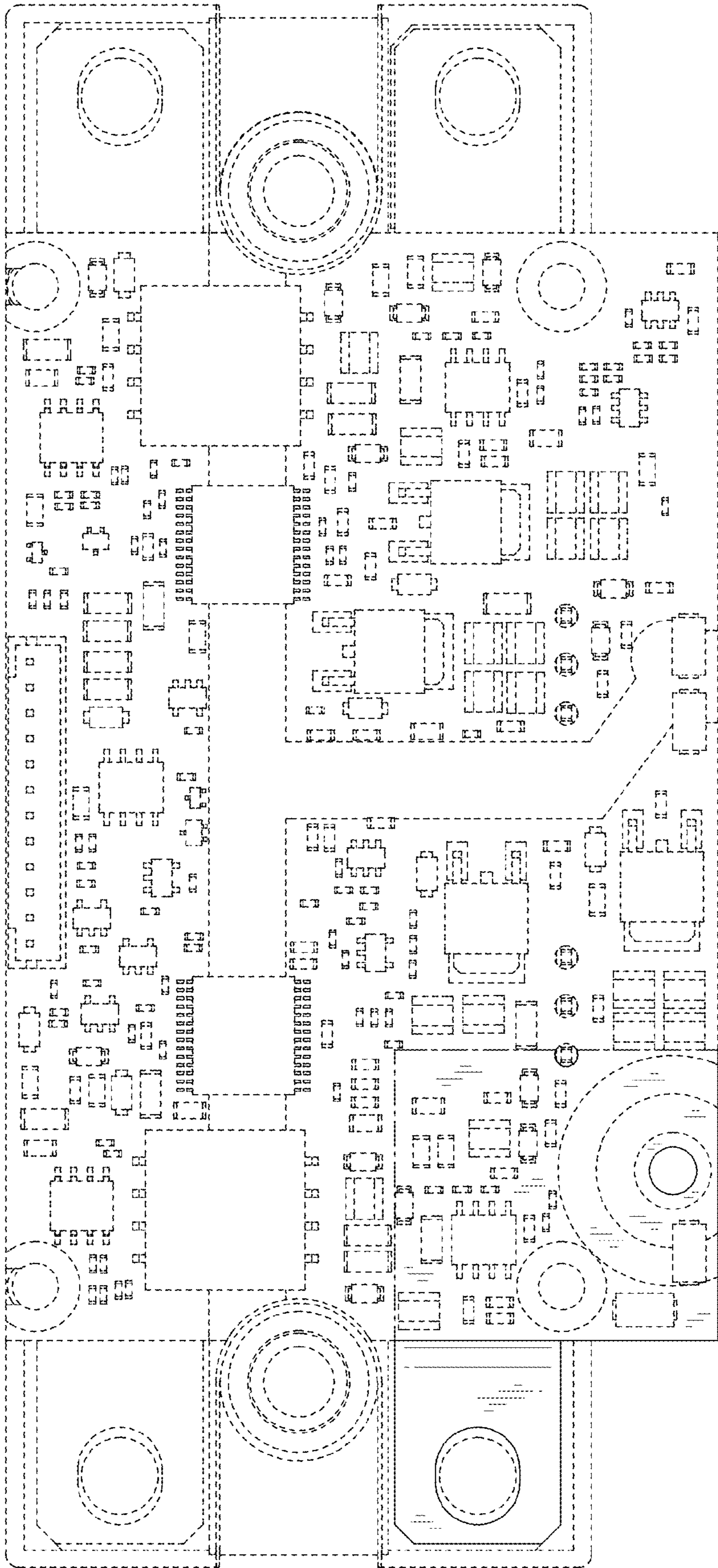


FIG.4



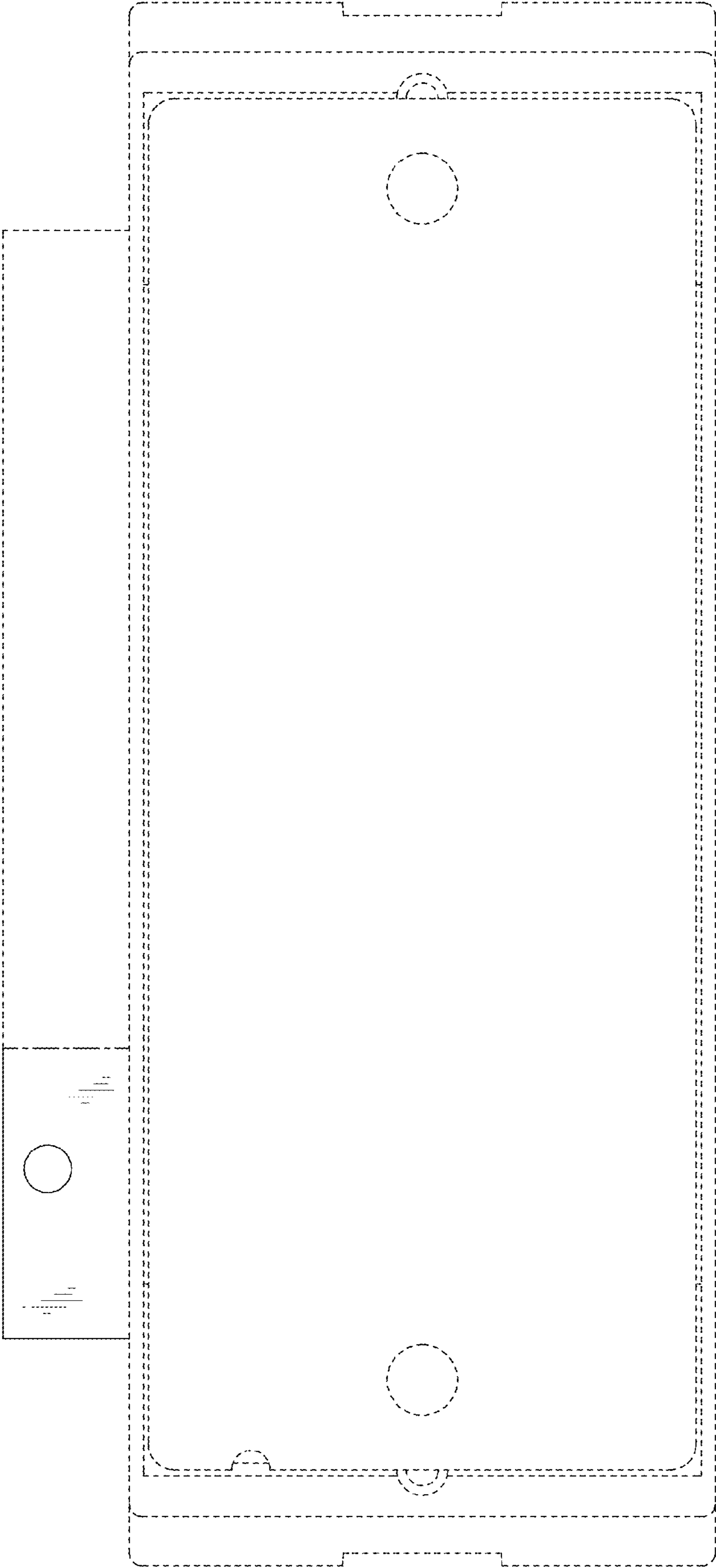


FIG. 5

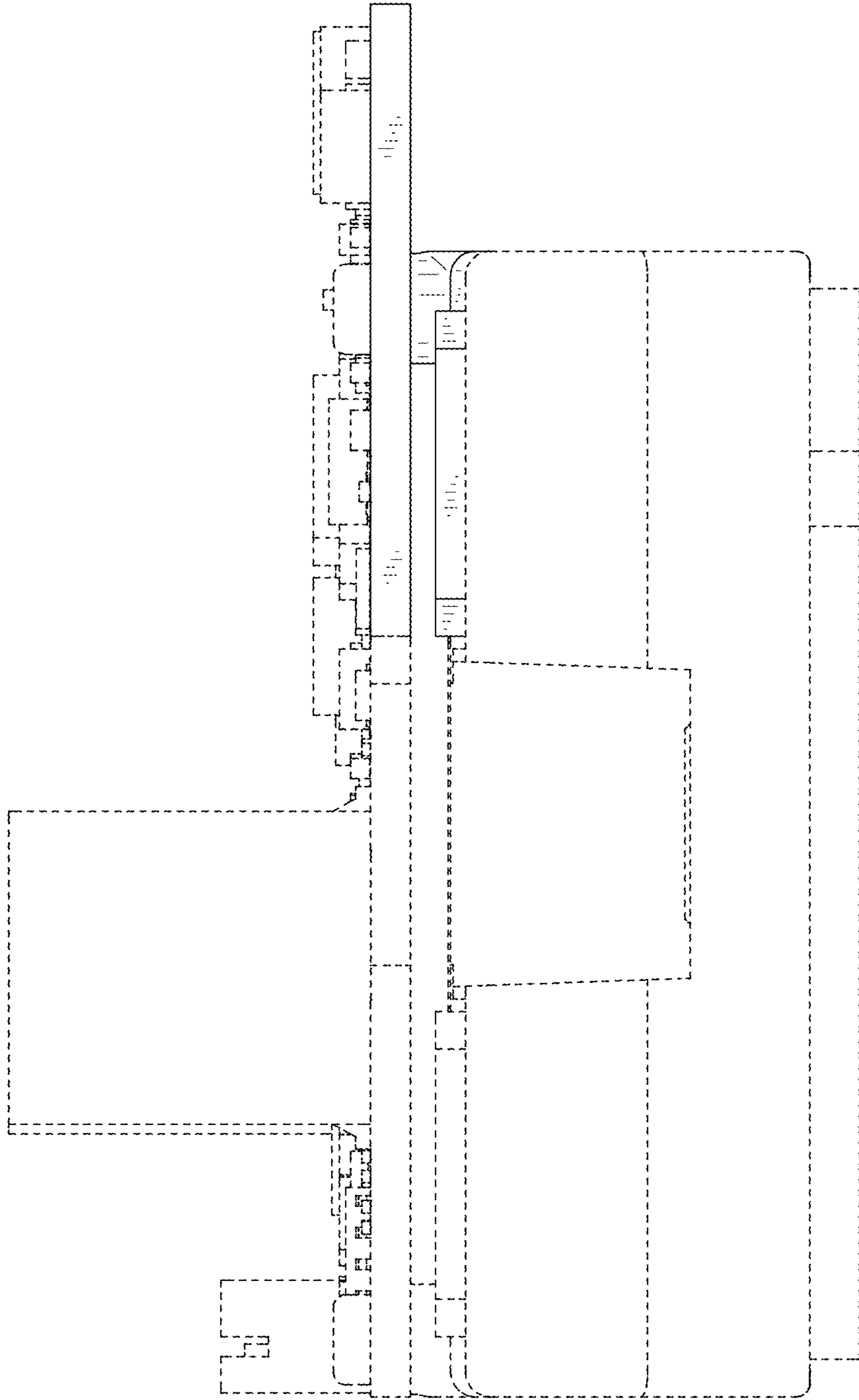


FIG.6