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(12) **United States Design Patent** (10) **Patent No.:** **US D807,824 S**
Krivonak et al. (45) **Date of Patent:** **** Jan. 16, 2018**

(54) **HEAT SPREADER**

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

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(51) **LOC (11) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/118; D13/179**

(58) **Field of Classification Search**
USPC D13/101, 102, 110, 118, 121, 145, 179,
D13/181, 182, 199
CPC ... H01L 23/36; H01L 23/427; H01L 23/3672;
H01L 2924/00; H01L 2924/0002; H01L
21/50; H01L 24/34; F28F 9/22
See application file for complete search history.

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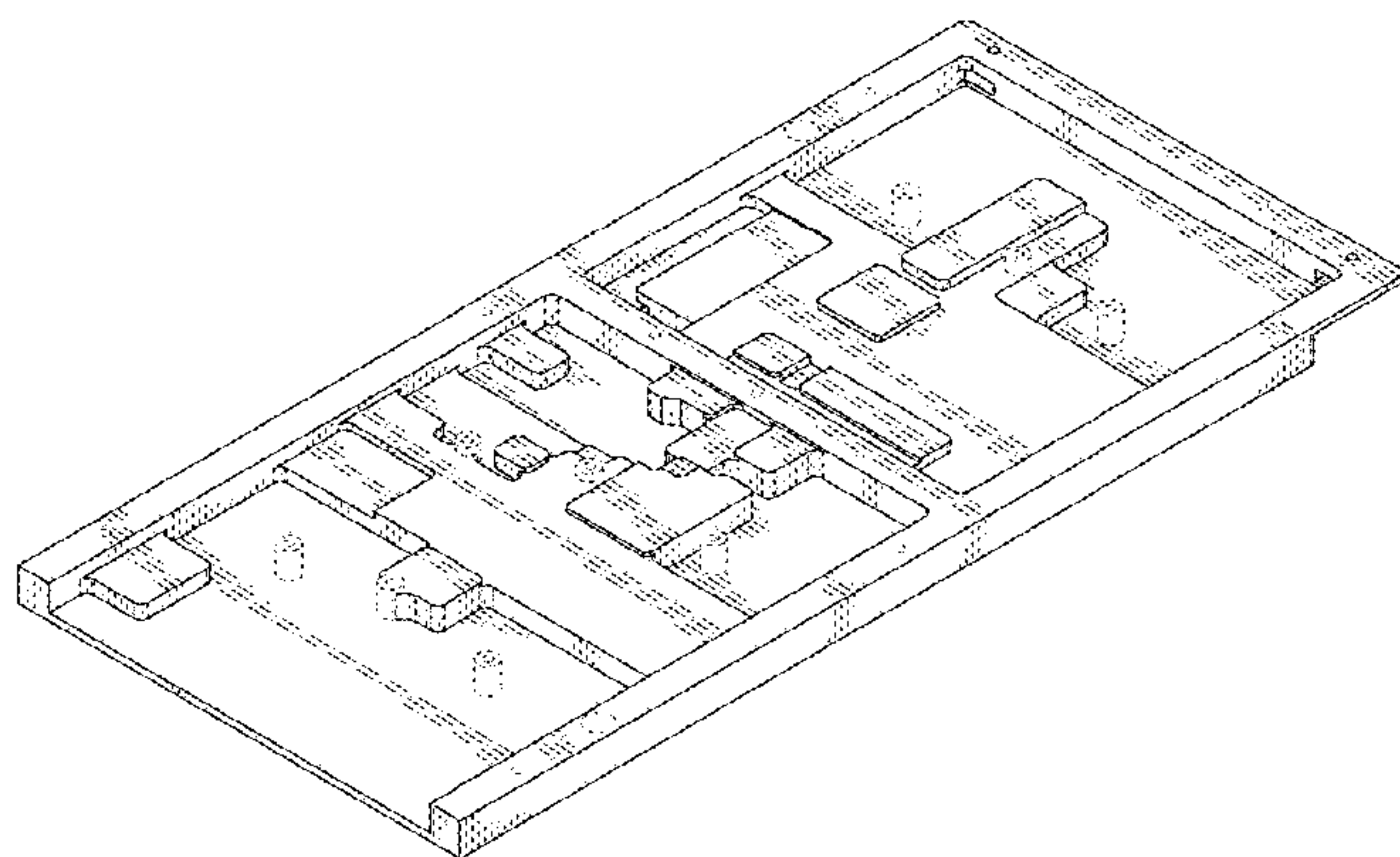
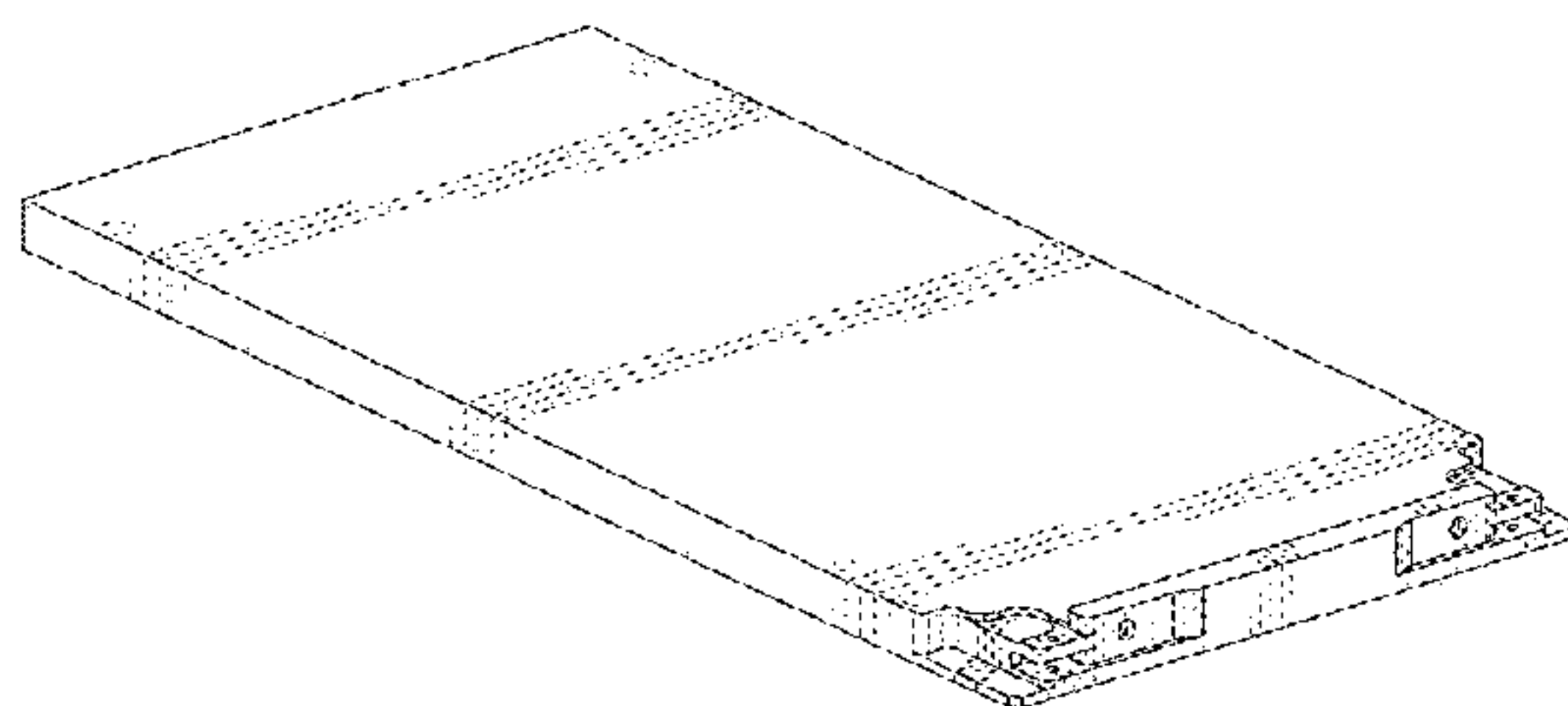
(57) **CLAIM**

The ornamental design for a heat spreader, as shown and
described.

DESCRIPTION

FIG. 1 is a perspective view of a heat spreader depicting our
new design;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is an end view thereof;
FIG. 5 is an opposite end view thereof;
FIG. 6 is a side view thereof;
FIG. 7 is an opposite side view thereof; and,
FIG. 8 is an additional perspective view thereof.
The broken line portion of the figure drawings is included to
show unclaimed subject matter only and forms no part of the
claimed design.

1 Claim, 6 Drawing Sheets



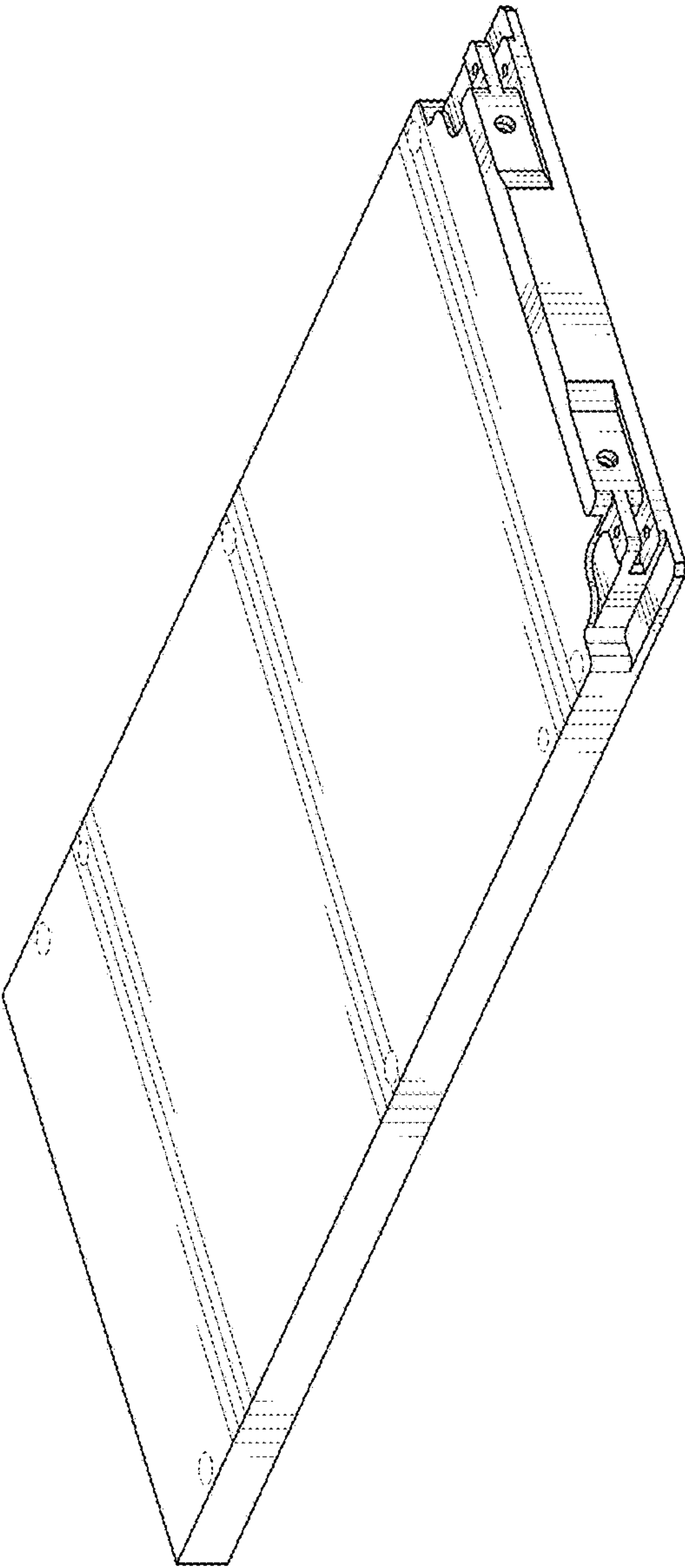


FIG. 1

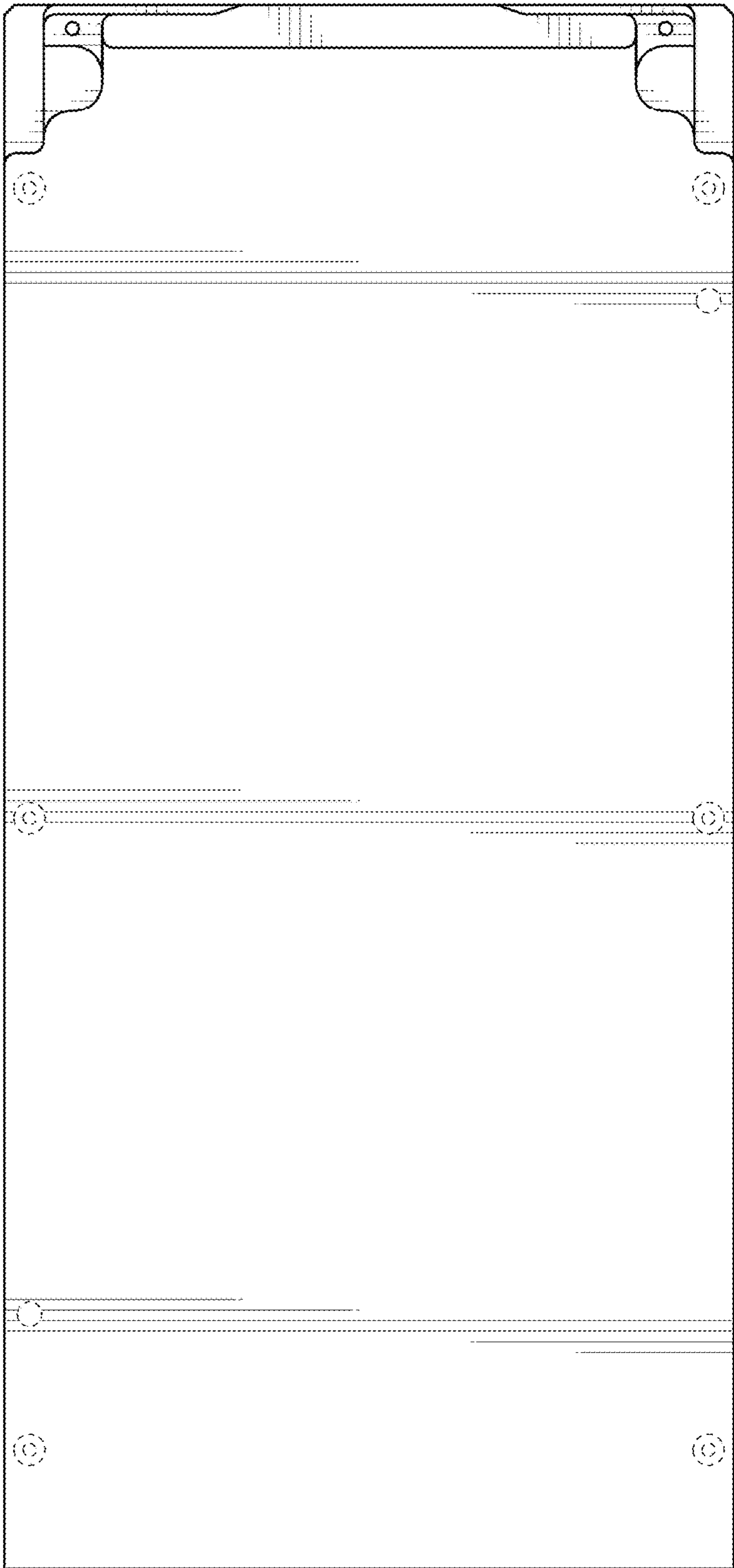


FIG. 2

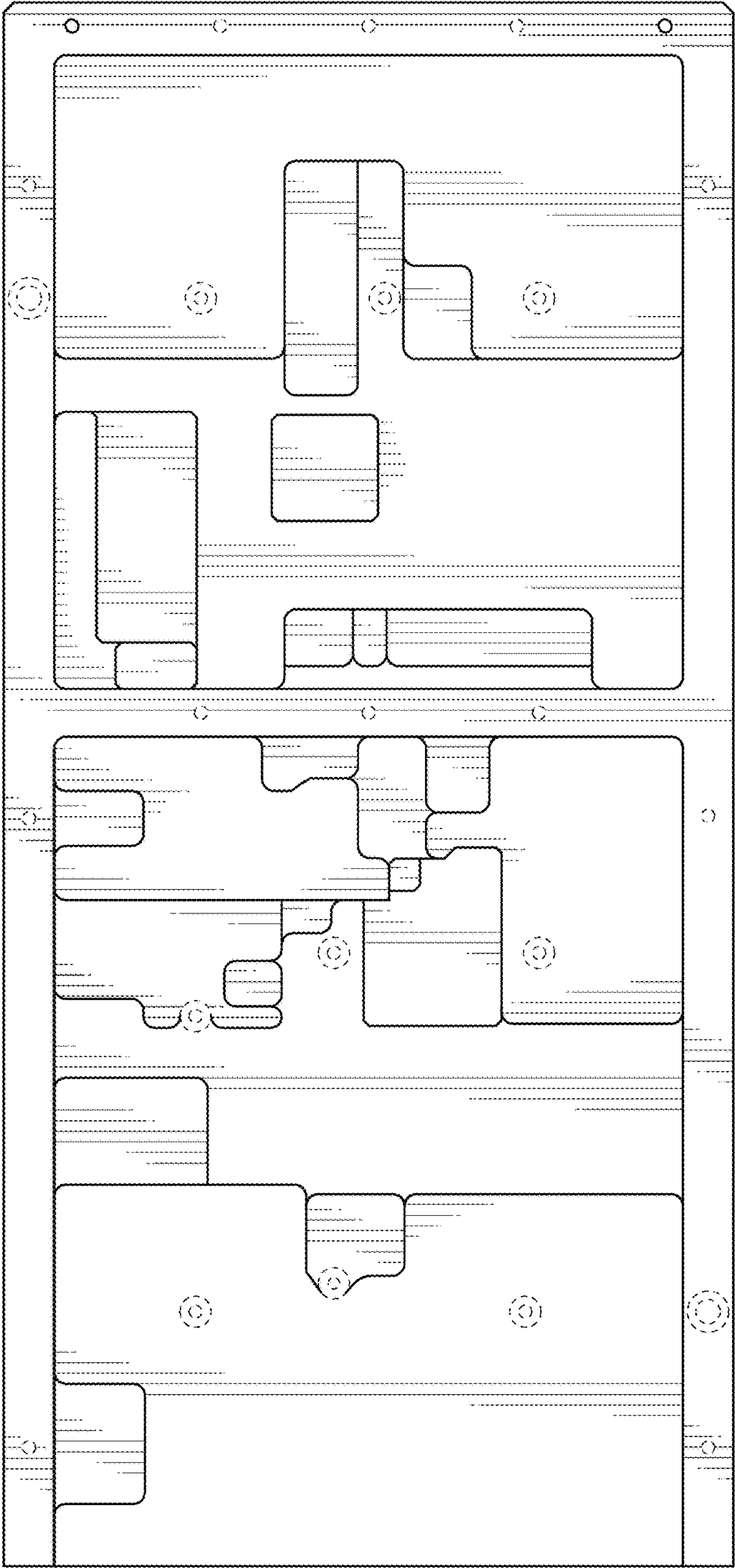


FIG. 3

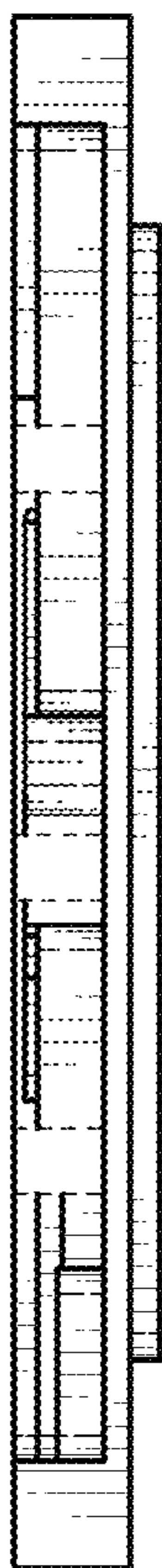


FIG. 4



FIG. 5

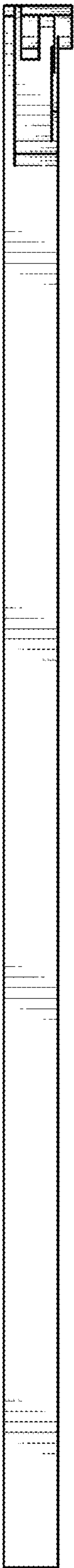


FIG. 6



FIG. 7

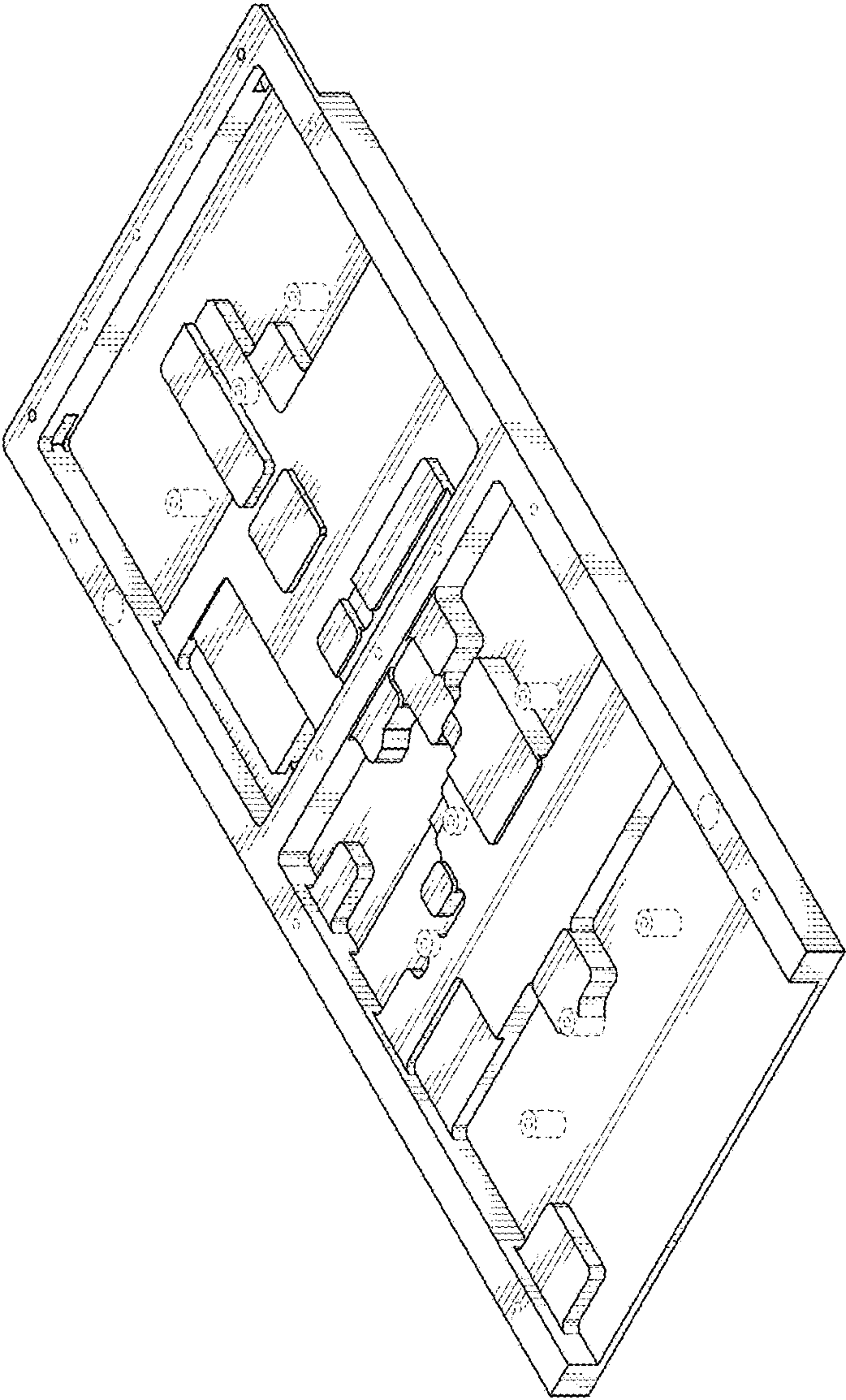


FIG. 8