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(12) **United States Design Patent** (10) **Patent No.:** **US D951,341 S**
Umezawa et al. (45) **Date of Patent:** **** May 10, 2022**

(54) **X-Y PLOTTER FOR CUTTING** D795,338 S * 8/2017 Umezawa D18/34.3
D852,269 S * 6/2019 Umezawa D18/34.3
D864,286 S * 10/2019 Umezawa D18/34.3
D874,559 S * 2/2020 Umezawa D18/34.3
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Kanagawa (JP) 400/621
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Kanagawa (JP) 2019/0143551 A1 * 5/2019 Yoshida B26D 5/34
83/365
2021/0008747 A1 * 1/2021 Sugiyama B26D 5/083

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

FOREIGN PATENT DOCUMENTS

(21) Appl. No.: **29/716,654**

JP 1466154 4/2013

(22) Filed: **Dec. 11, 2019**

OTHER PUBLICATIONS

(30) **Foreign Application Priority Data**

Japanese Design D1571646, Cutting for X-Wye Plotter, Published Mar. 13, 2017, JPO (Year: 2017).*

Jun. 14, 2019 (JP) 2019-013131

(Continued)

(51) **LOC (13) Cl.** **18-04**

(52) **U.S. Cl.**
USPC **D18/34.3**

(58) **Field of Classification Search**
USPC D15/127-128, 136, 138, 141, 199;
D18/14, 15, 19, 53, 56-59, 34.3, 34.9, 50,
D18/36; D10/63, 46
CPC B26F 1/42; B26F 1/3813; B26F 1/384;
B26F 1/40; B26D 5/10; B26D 5/00;
B26D 7/2614; B26D 7/265; B26D
2007/0087; B26D 2007/2678; B41L
19/00

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See application file for complete search history.

(57) **CLAIM**

The ornamental design for a X-Y plotter for cutting, as shown and described.

(56) **References Cited**

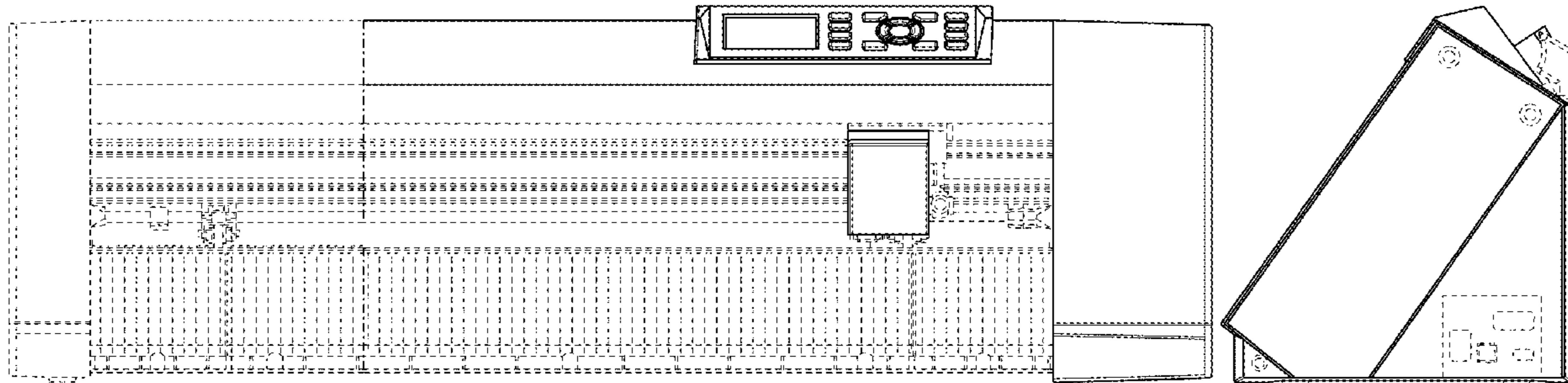
DESCRIPTION

U.S. PATENT DOCUMENTS

D295,613 S * 5/1988 Tanner D10/46
D319,071 S * 8/1991 Tamasaku D18/53
5,315,690 A * 5/1994 Gordon B26D 7/27
358/1.3
D680,157 S * 4/2013 Umezawa D18/34.3

FIG. 1 is a front view of a cutting plotter showing our new design;
FIG. 2 is a rear view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a right side view thereof; and,
FIG. 6 is a left side view thereof.
The broken lines in the figures depict portions of the article which form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

Notice of Reasons for Refusal issued by the Japanese Patent Office in relation to Japanese Application No. 2019-013131 dated Apr. 17, 2020 (2 pages) along with English language translation (4 pages).

* cited by examiner

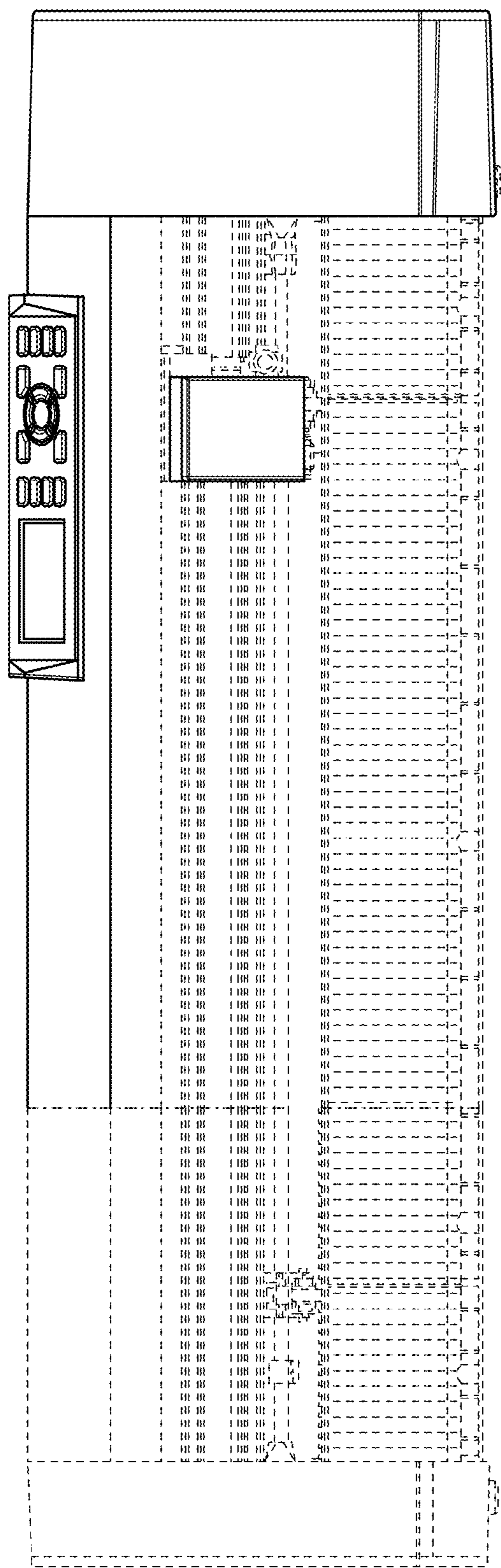


FIG. 1

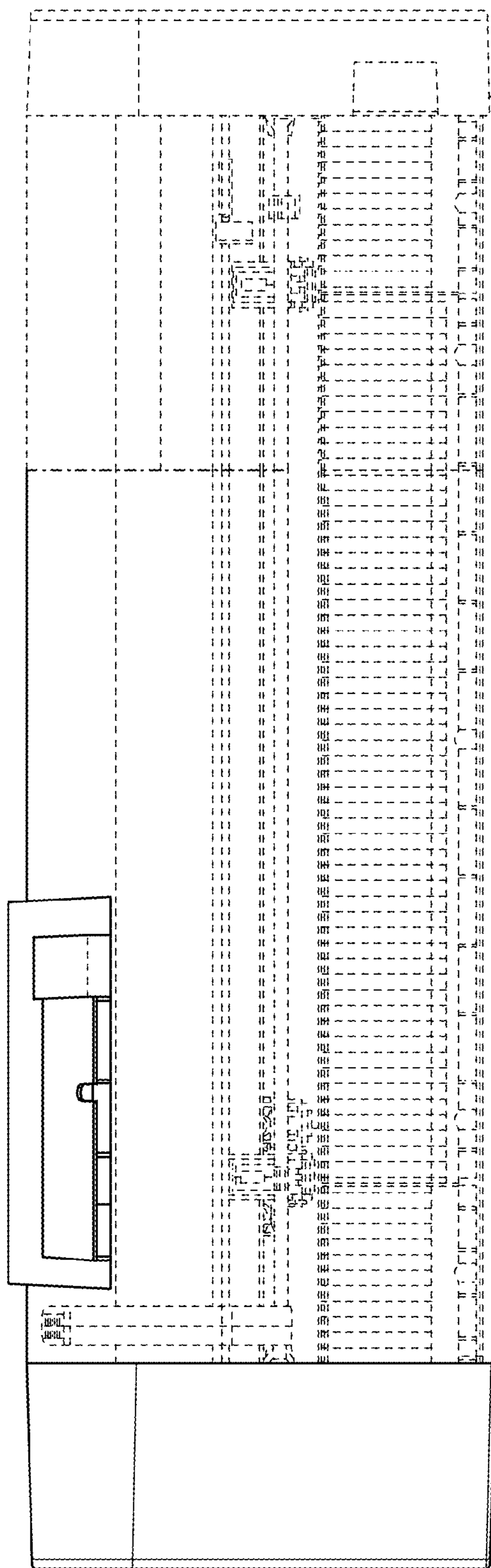


FIG. 2

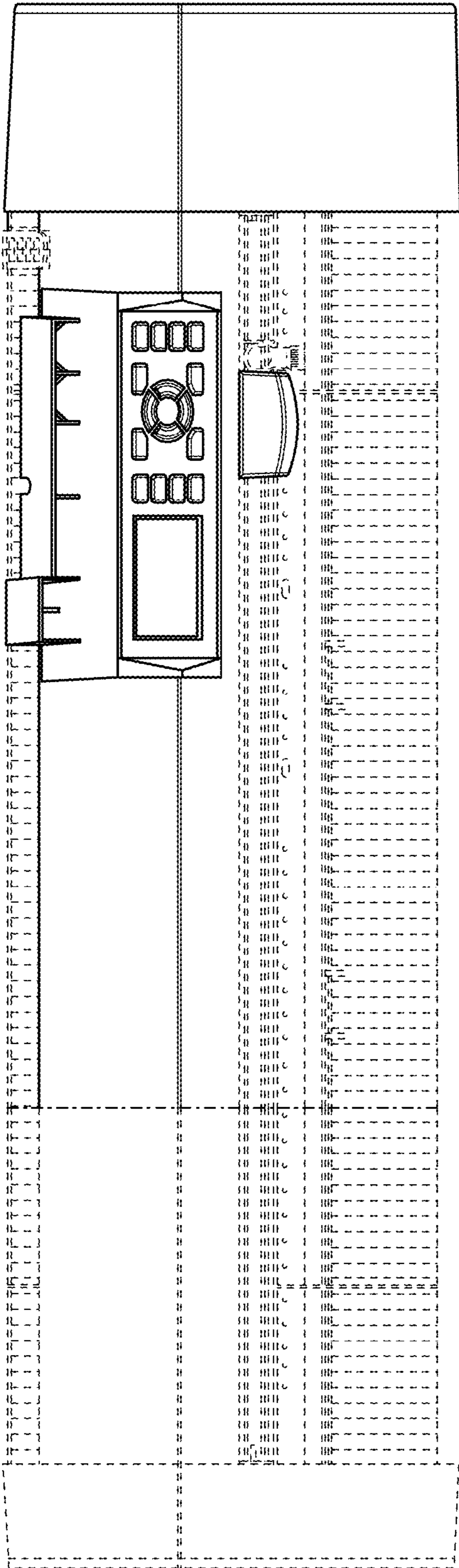


FIG. 3

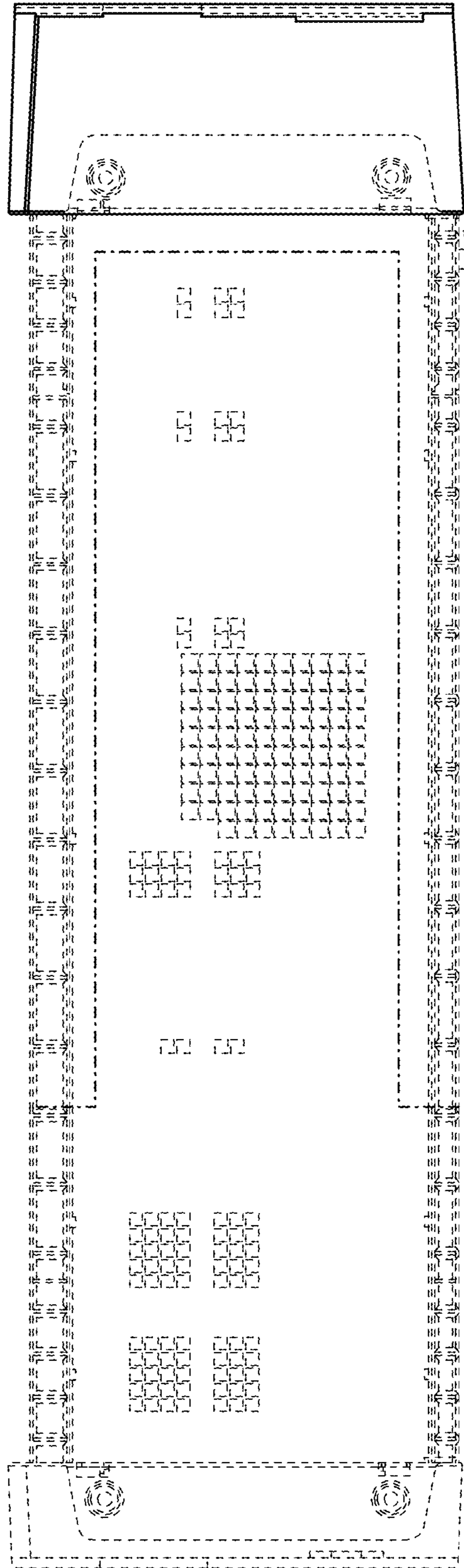


FIG. 4

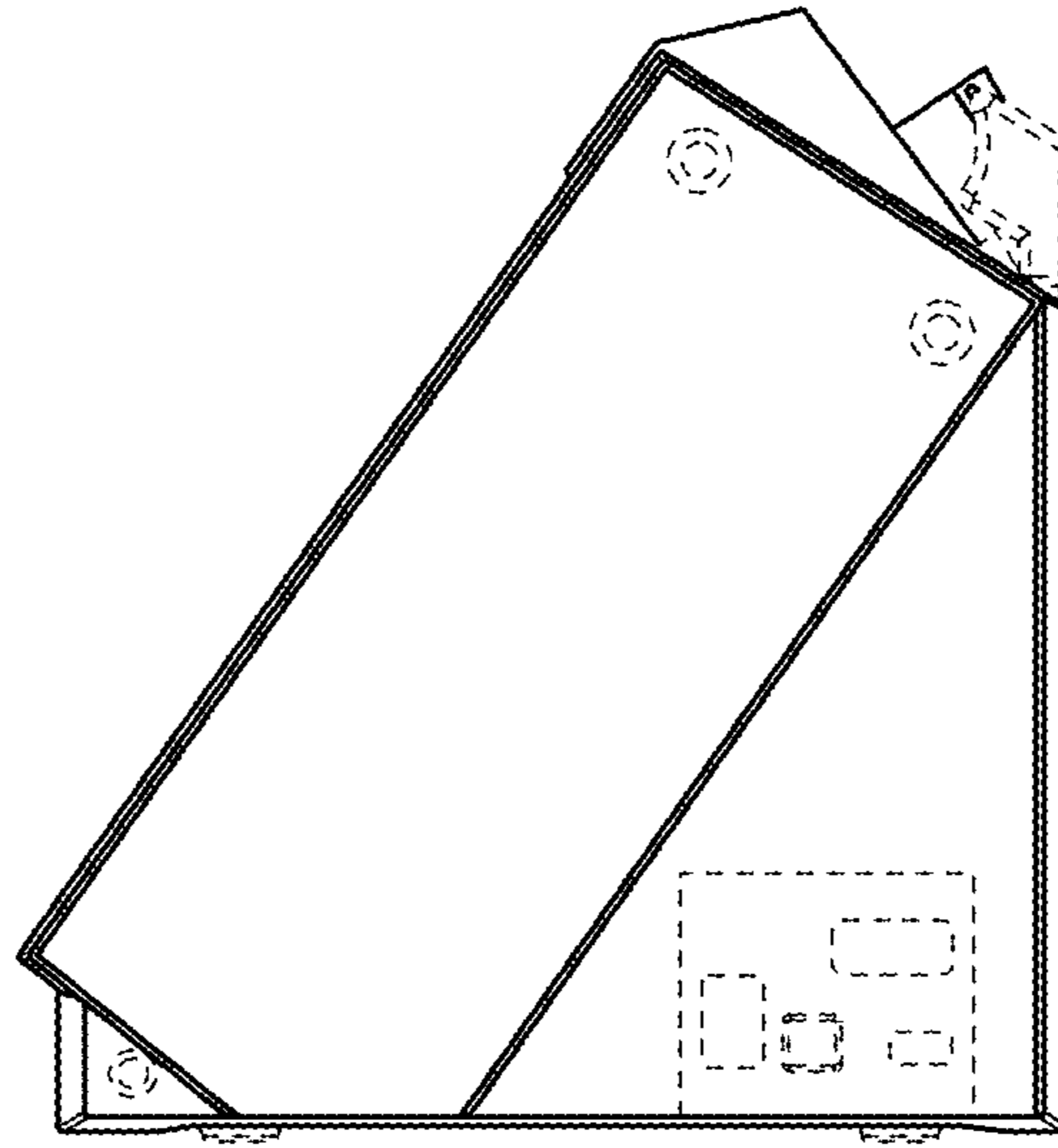


FIG. 5

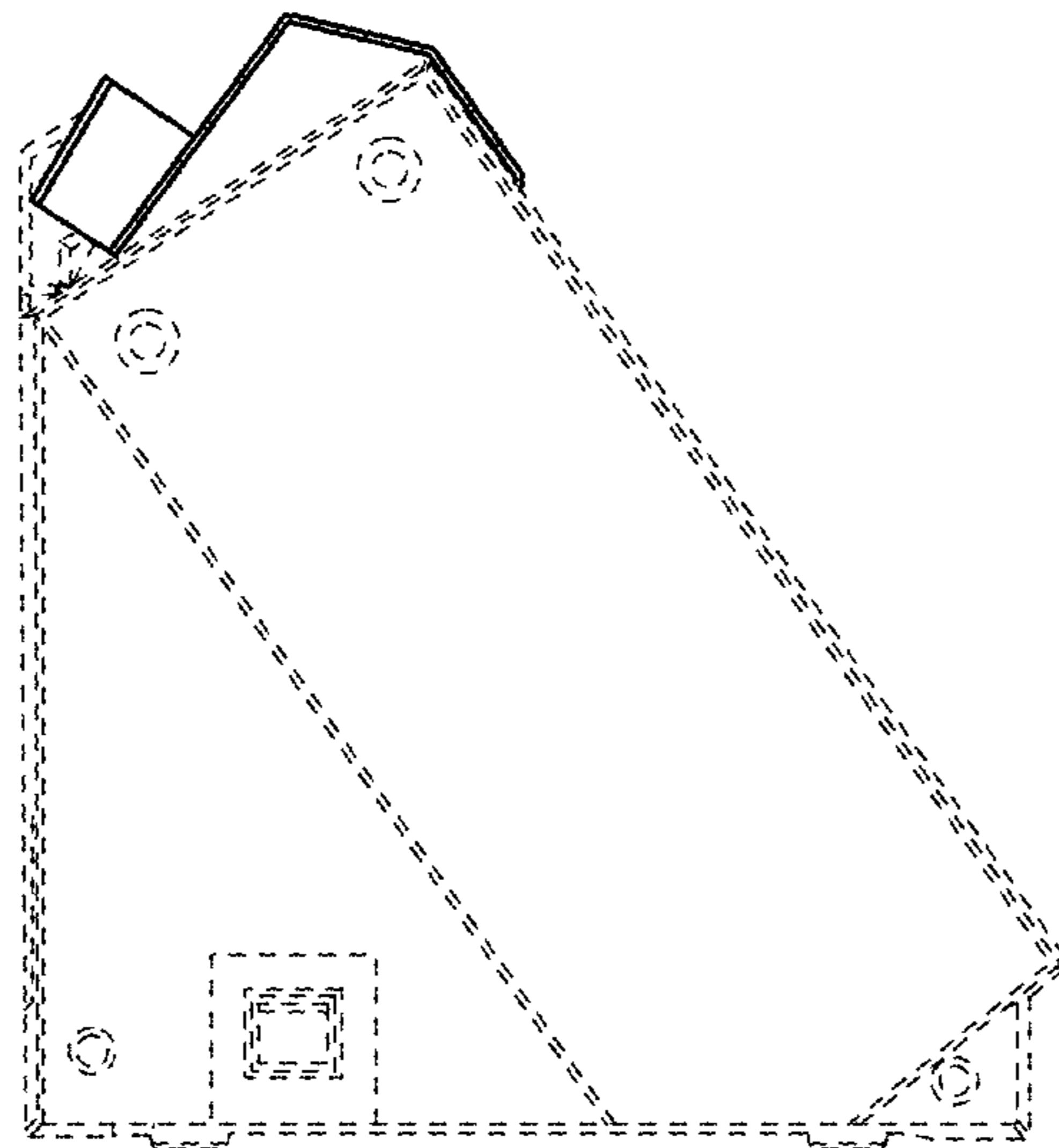


FIG. 6