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(12) United States Design Patent

Pan et al.

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(54) **LIGHT DETECTION AND RANGING (LIDAR) COMPONENT**

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(73) Assignee: **BEIJING VOYAGER TECHNOLOGY CO., LTD.**, Beijing (CN)

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

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Related U.S. Application Data

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(51) **LOC (13) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/74**

(58) **Field of Classification Search**
USPC D10/46, 65, 70, 74, 75, 81, 103; D13/162, 173, 182; D16/203
CPC G01S 17/88; G01S 17/931; G01S 13/931; G01S 15/931; G01S 2013/9325; G01S 13/93; G01S 13/426; G01S 15/93; G01S 7/4806; G08G 5/045; G08G 5/025; B60R 21/0134; B60R 2011/004; B60R 2300/301; B60Q 9/008; B60Q 1/0023
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D343,799	S *	2/1994	Spinks	D10/75
D440,209	S *	4/2001	Kang	D13/182
D465,772	S *	11/2002	Poulter	D13/182
D539,275	S *	3/2007	Furuya	D13/182
RE46,672	E *	1/2018	Hall	G01S 7/4811
10,295,656	B1 *	5/2019	Li	G01S 7/4813
10,310,058	B1 *	6/2019	Campbell	G01S 7/4817
10,451,716	B2 *	10/2019	Hughes	G01S 7/4817
D878,264	S *	3/2020	Ahn	D16/203
10,705,189	B2 *	7/2020	Qiu	G01S 7/4863
D909,216	S *	2/2021	Vuletici	D10/70
11,125,864	B2 *	9/2021	Qiu	G01S 7/4972
11,187,791	B2 *	11/2021	Ye	G01S 7/4813
2011/0216304	A1 *	9/2011	Hall	G01S 7/4813 356/4.01

(Continued)

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(57) **CLAIM**

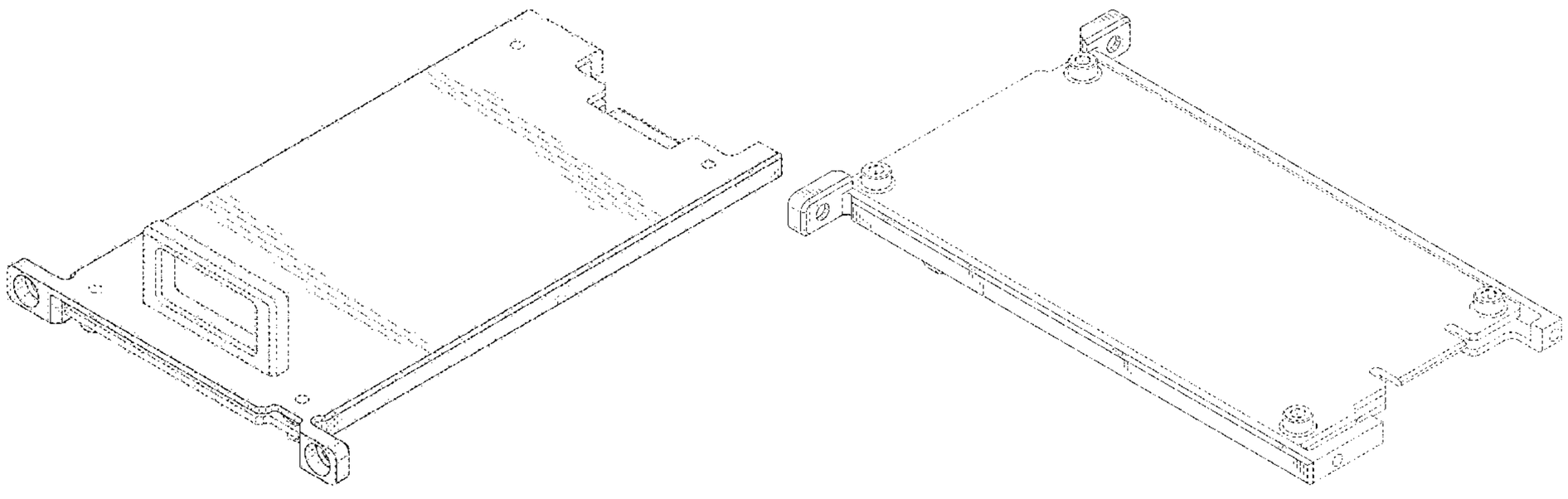
The ornamental design for a light detection and ranging (LIDAR) component, as shown and described.

DESCRIPTION

FIG. **1** is a top front perspective view of a light detection and ranging (LIDAR) component;
FIG. **2** is a bottom rear perspective view 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 broken lines in the figures show portions of the light detection and ranging (LIDAR) component that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2020/0355800	A1*	11/2020	Toyama	G01S 17/42
2021/0190918	A1*	6/2021	Li	G01S 7/4817
2022/0013957	A1*	1/2022	Pan	H05K 1/18

* cited by examiner

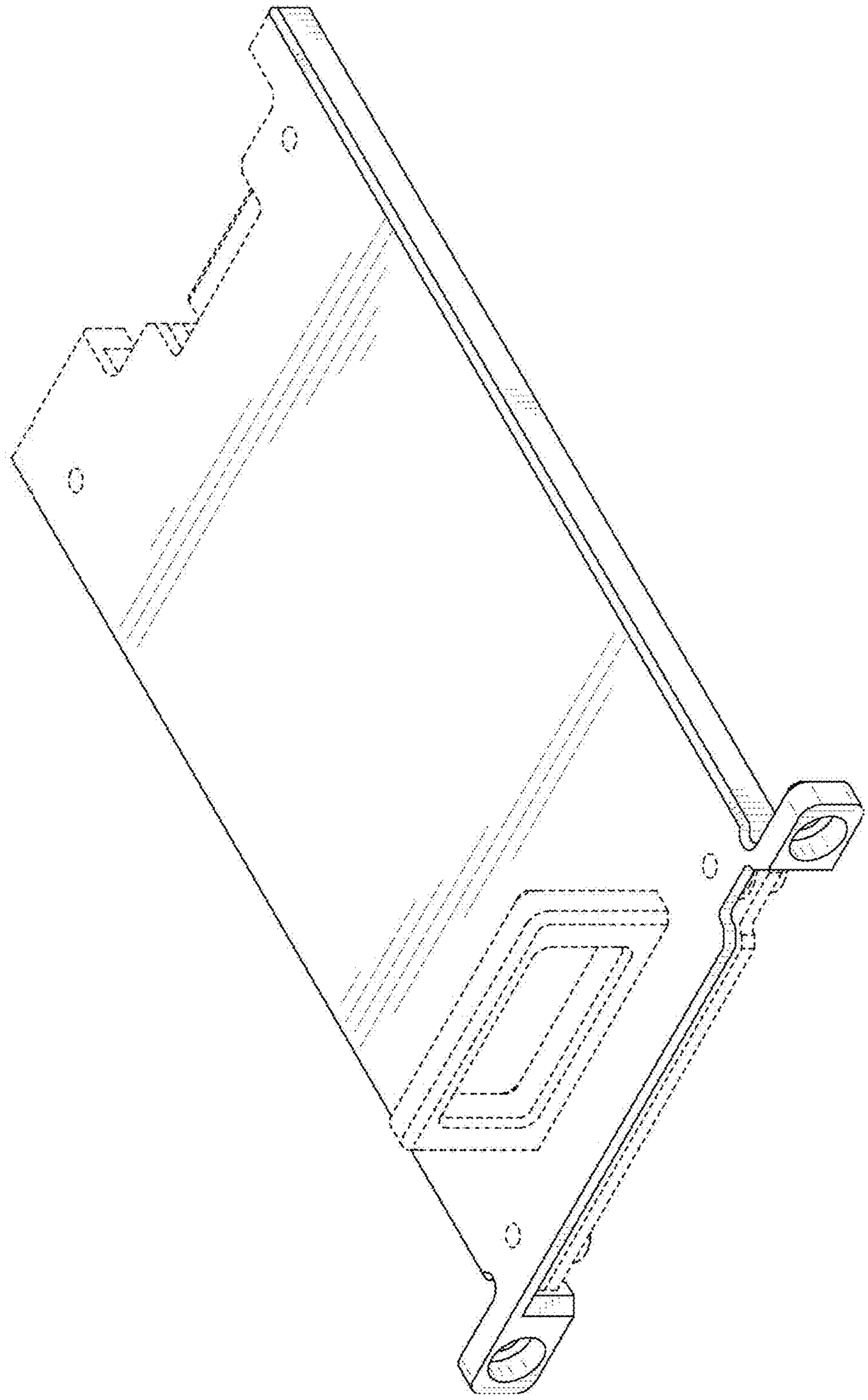


FIG. 1

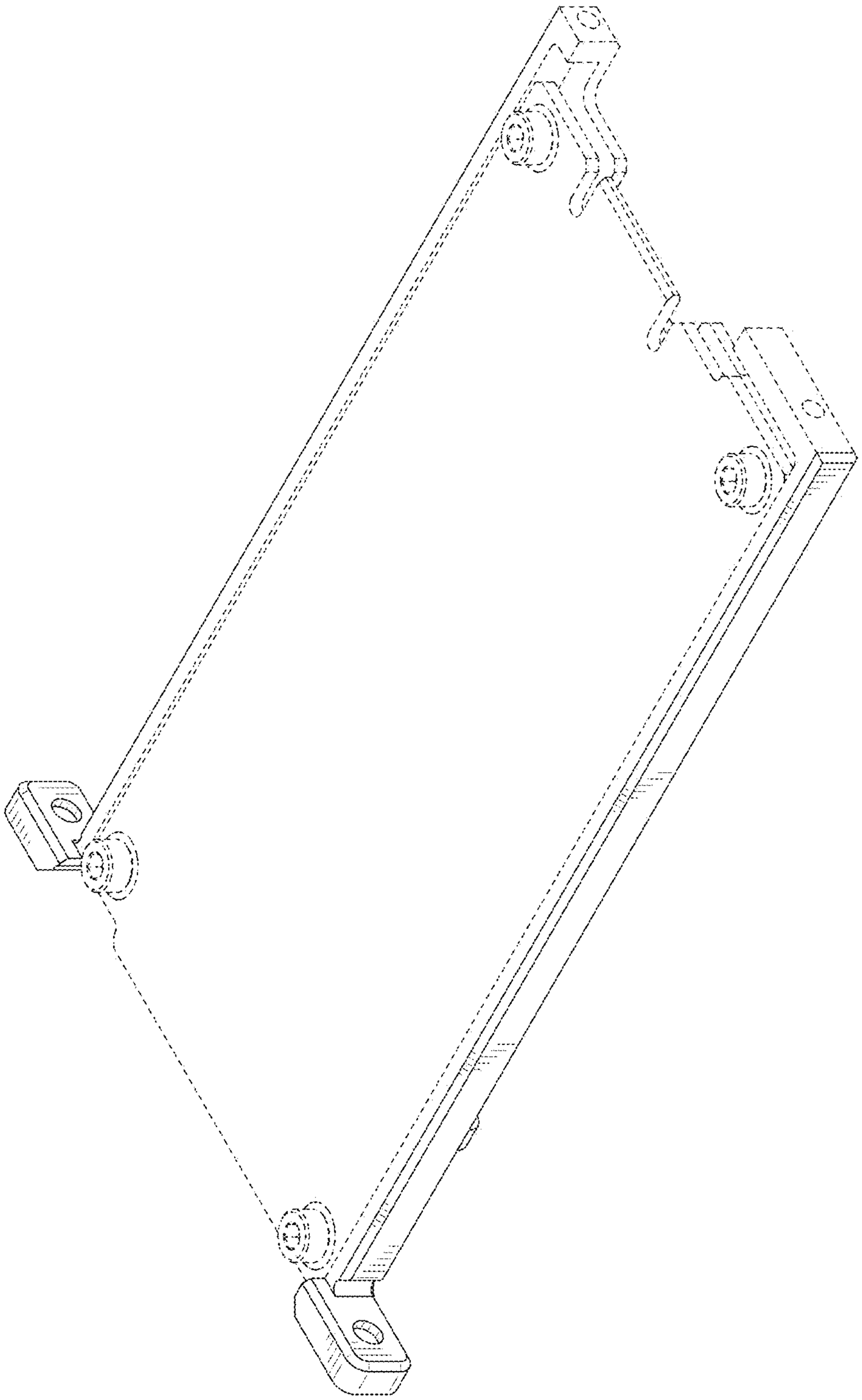


FIG. 2

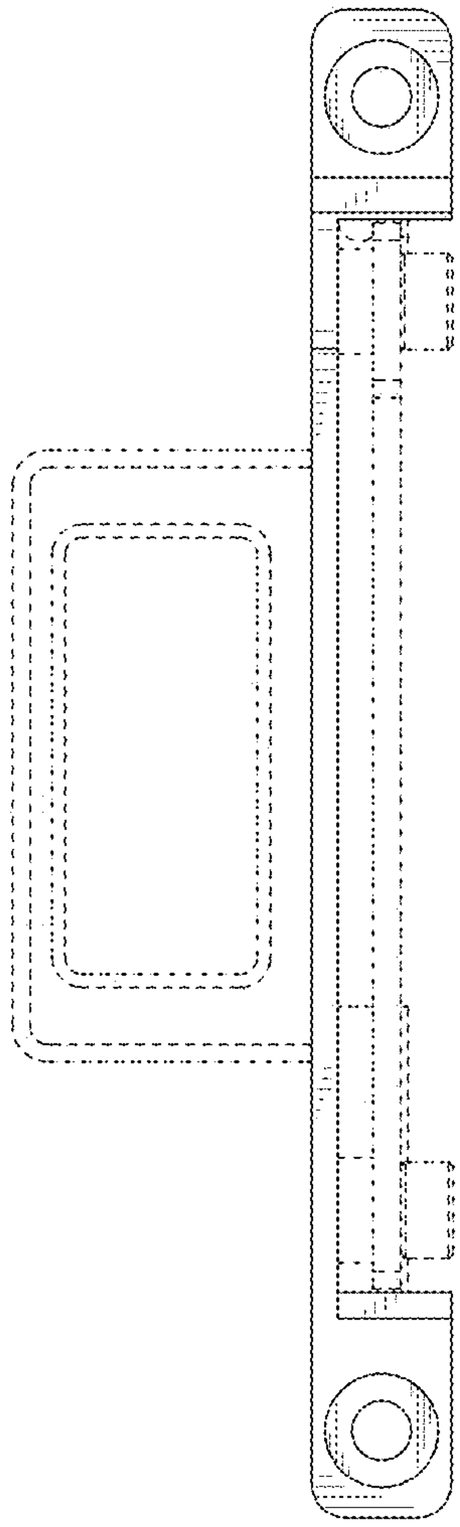


FIG. 3

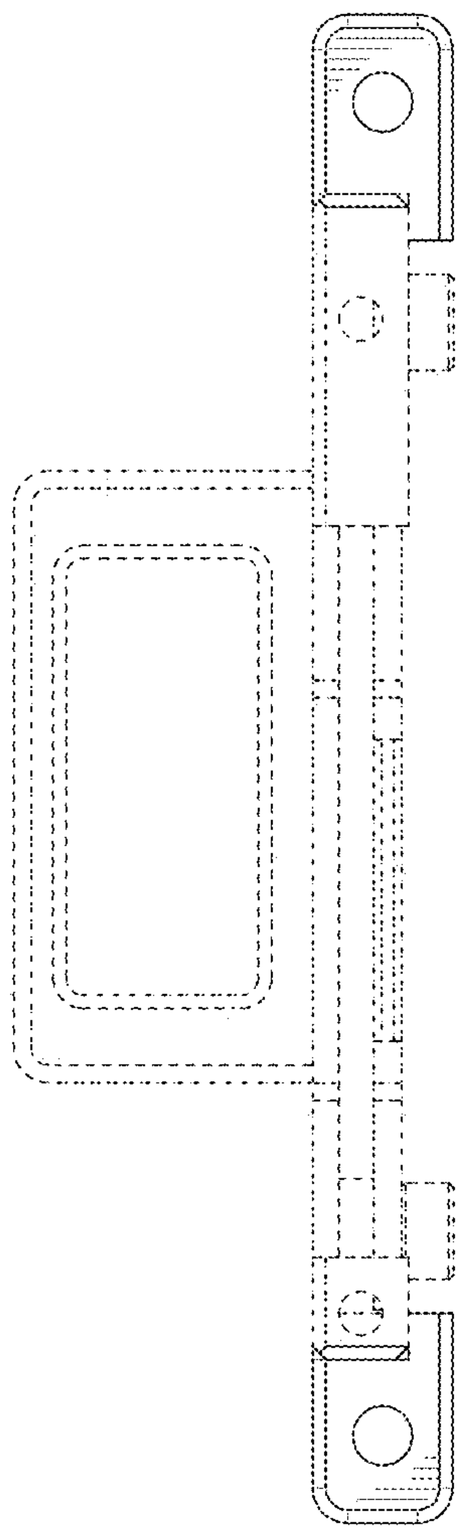


FIG. 4

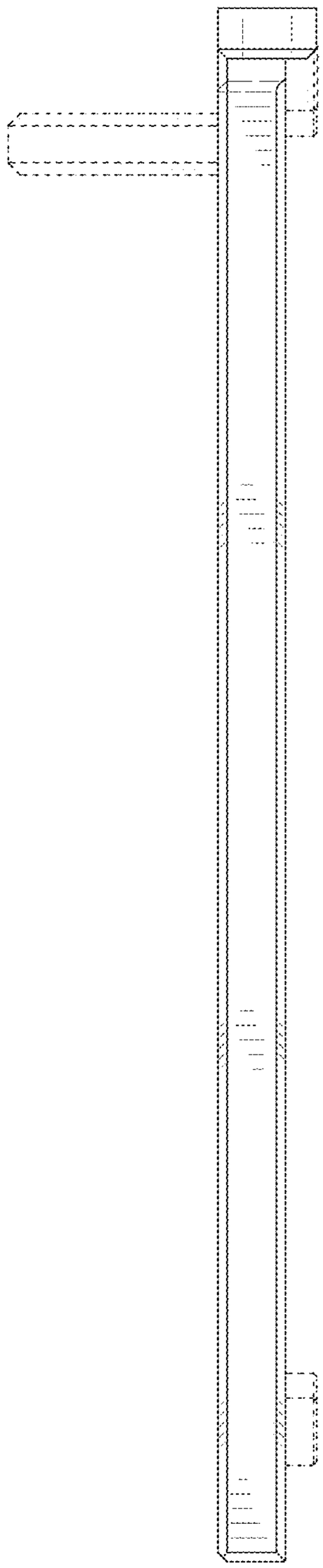


FIG. 5

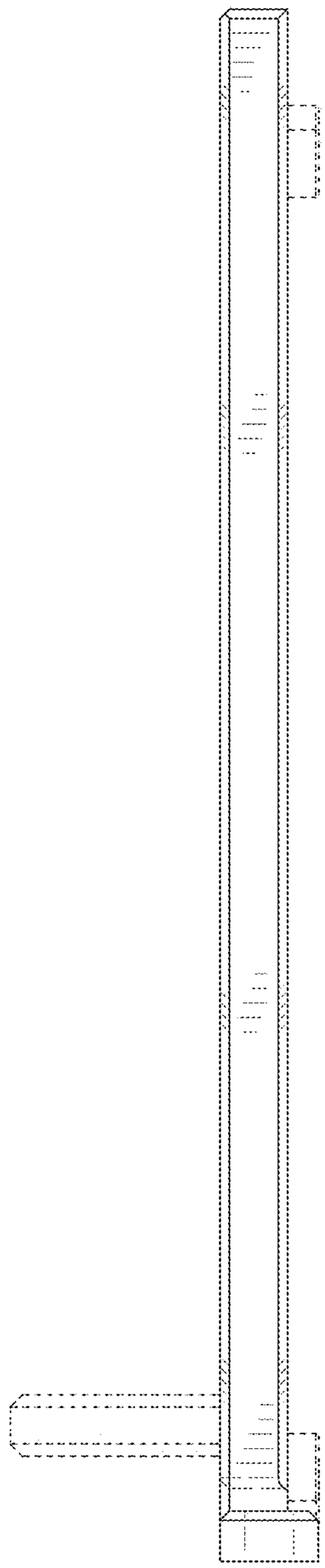


FIG. 6

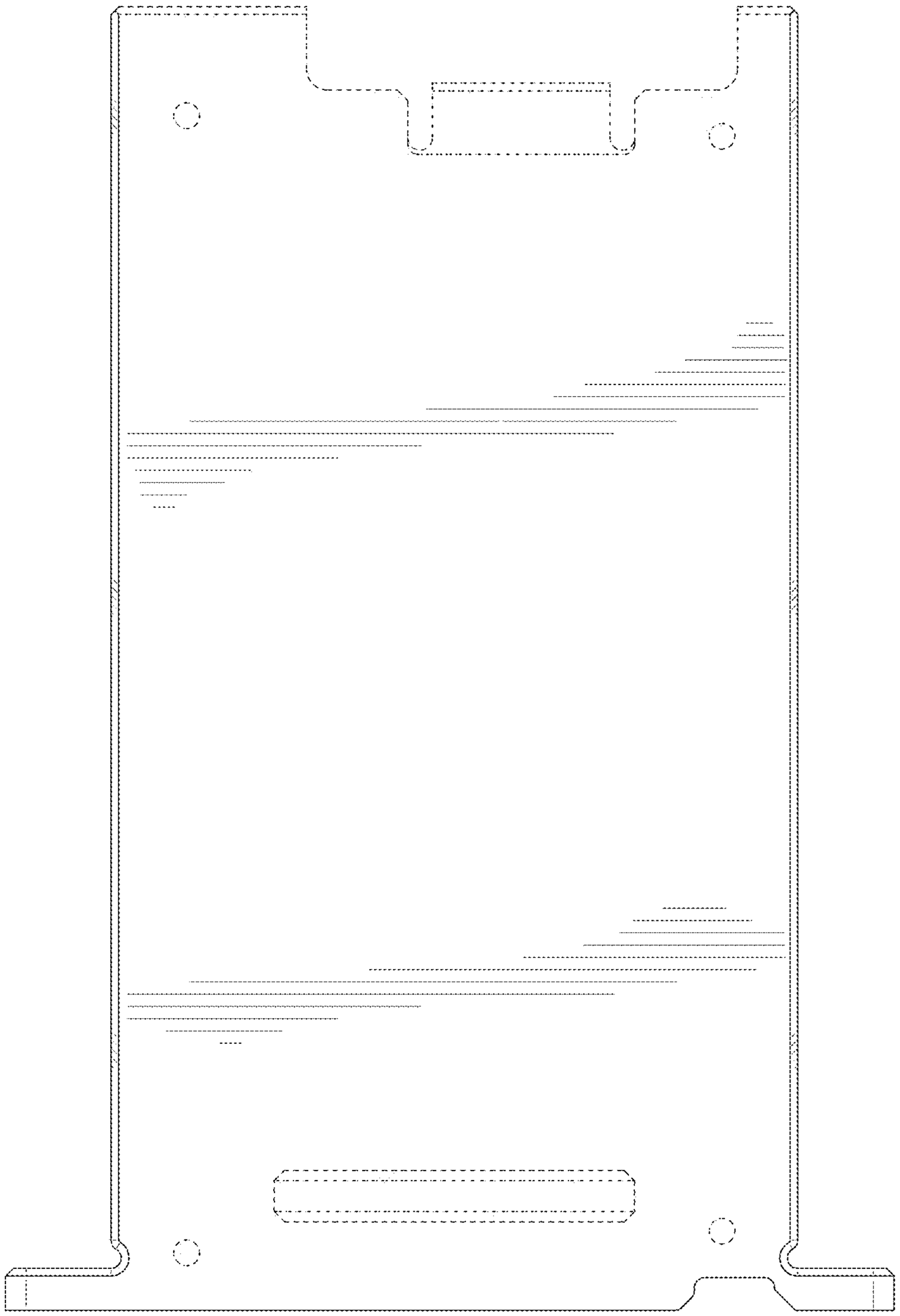


FIG. 7

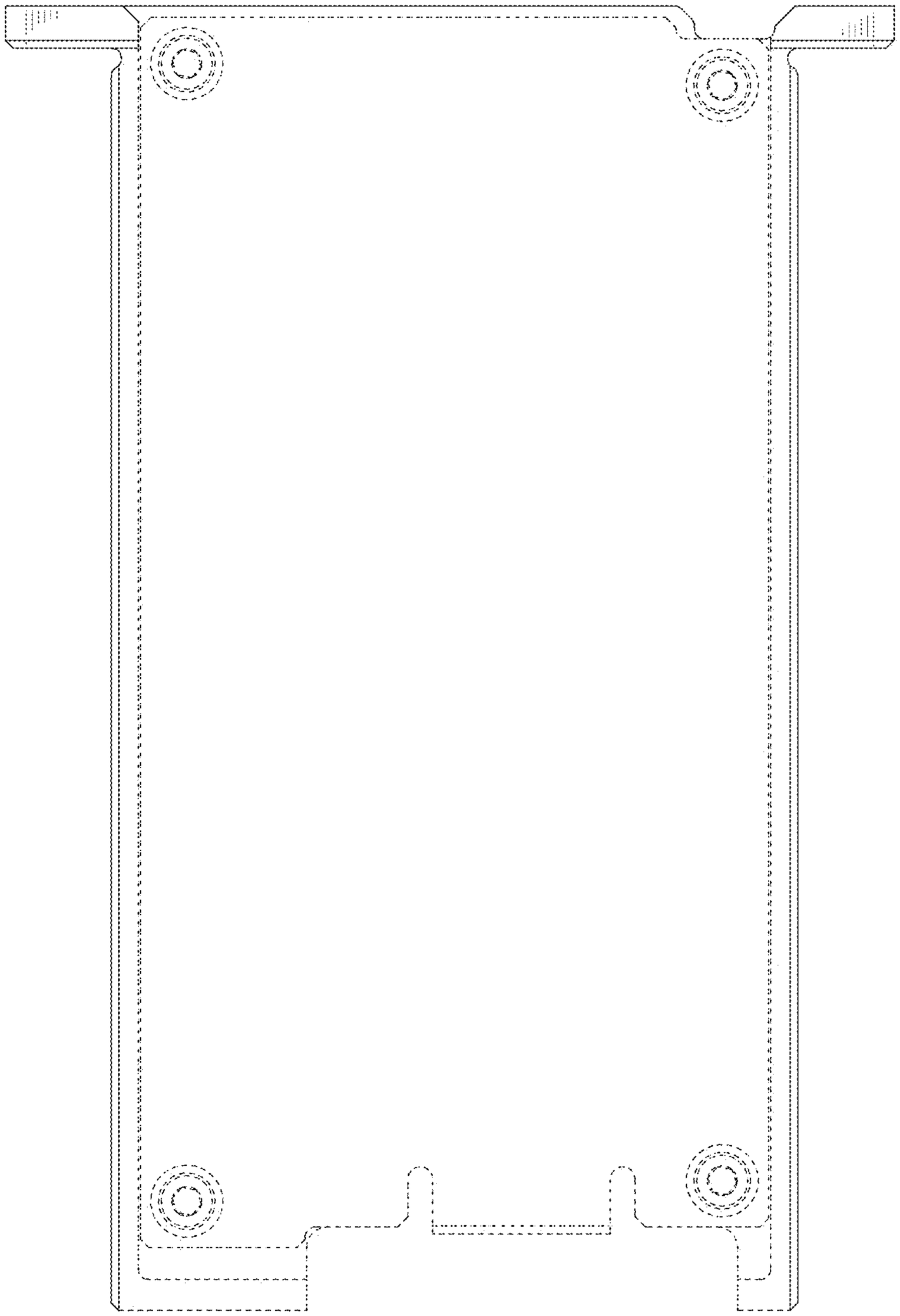


FIG. 8