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(12) **United States Design Patent** (10) **Patent No.:** **US D986,898 S**
Cinar et al. (45) **Date of Patent:** **** May 23, 2023**

(54) **SOLID STATE DRIVE MEMORY DEVICE**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

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D384,648 S *	10/1997	Seirio	D13/181
D531,138 S *	10/2006	Ness	D13/179
D570,795 S *	6/2008	Horng	D13/179
D768,134 S *	10/2016	Andre	.....	D14/436
D798,856 S *	10/2017	Menendez	.....	D14/313
D799,474 S *	10/2017	Menendez	.....	D14/313
D809,515 S *	2/2018	Nada	.....	D14/356
D826,944 S *	8/2018	Lim	.....	D14/435
D896,230 S *	9/2020	Jun	D14/435
D910,465 S *	2/2021	Lindeman	D10/49
D914,595 S *	3/2021	Rooyackers	D13/110

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(Continued)

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

FOREIGN PATENT DOCUMENTS

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CN	111818742 A *	10/2020	
CN	111988944 A *	11/2020 H05K 5/03

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(51) **LOC (14) Cl.** **14-02**

Primary Examiner — Marie D. Fast Horse

(52) **U.S. Cl.**

Assistant Examiner — Josiah D. Parsons

USPC **D14/435**

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(58) **Field of Classification Search**

(57) **CLAIM**

USPC D13/103, 107, 177, 179, 184; D14/301, D14/356, 432, 434, 435, 436, 437, 438, D14/363, 365, 474, 480.1, 484.1

CPC G06F 1/1658; G06F 1/1684; G06F 1/185; G06F 1/187; G06F 1/186; G06K 19/04; G06K 19/041; G06K 19/07728; G06K 19/07732; G06K 19/07747; G06K 19/077; G06K 19/0772; G11B 2220/60; H01L 23/34; H01L 23/40; H05K 5/03; H05K 5/04; H05K 5/06; H05K 5/061; H05K 5/0214; H05K 5/0086; H05K 5/0256; H05K 5/026; H05K 5/0269; H05K 5/0278; H05K 5/0243; H05K 5/0004; H05K 5/0008; H05K 5/0039; H05K 5/0043; H05K 5/0047; G11C 5/00

The ornamental design for a solid state drive memory device, as shown and described.

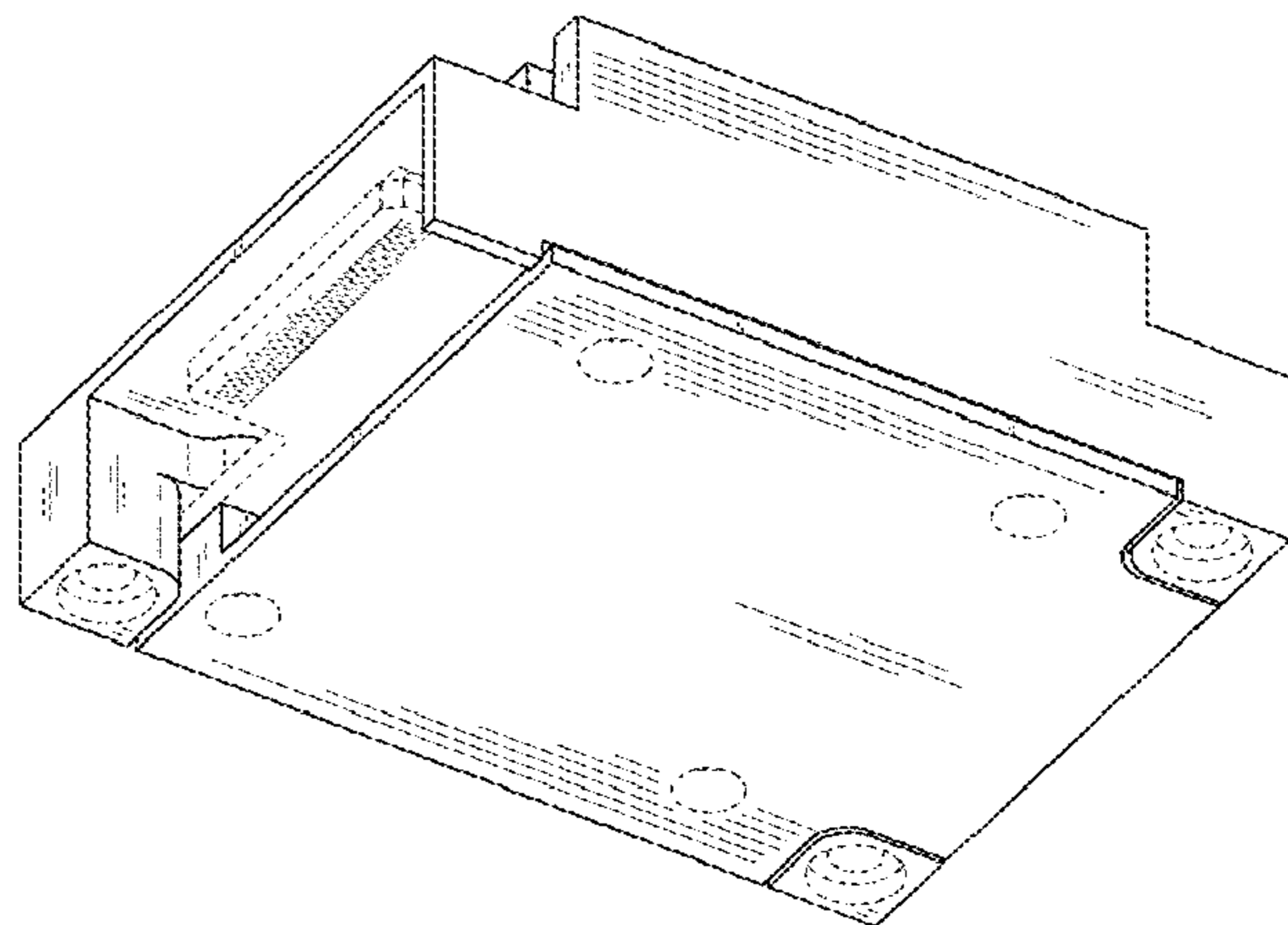
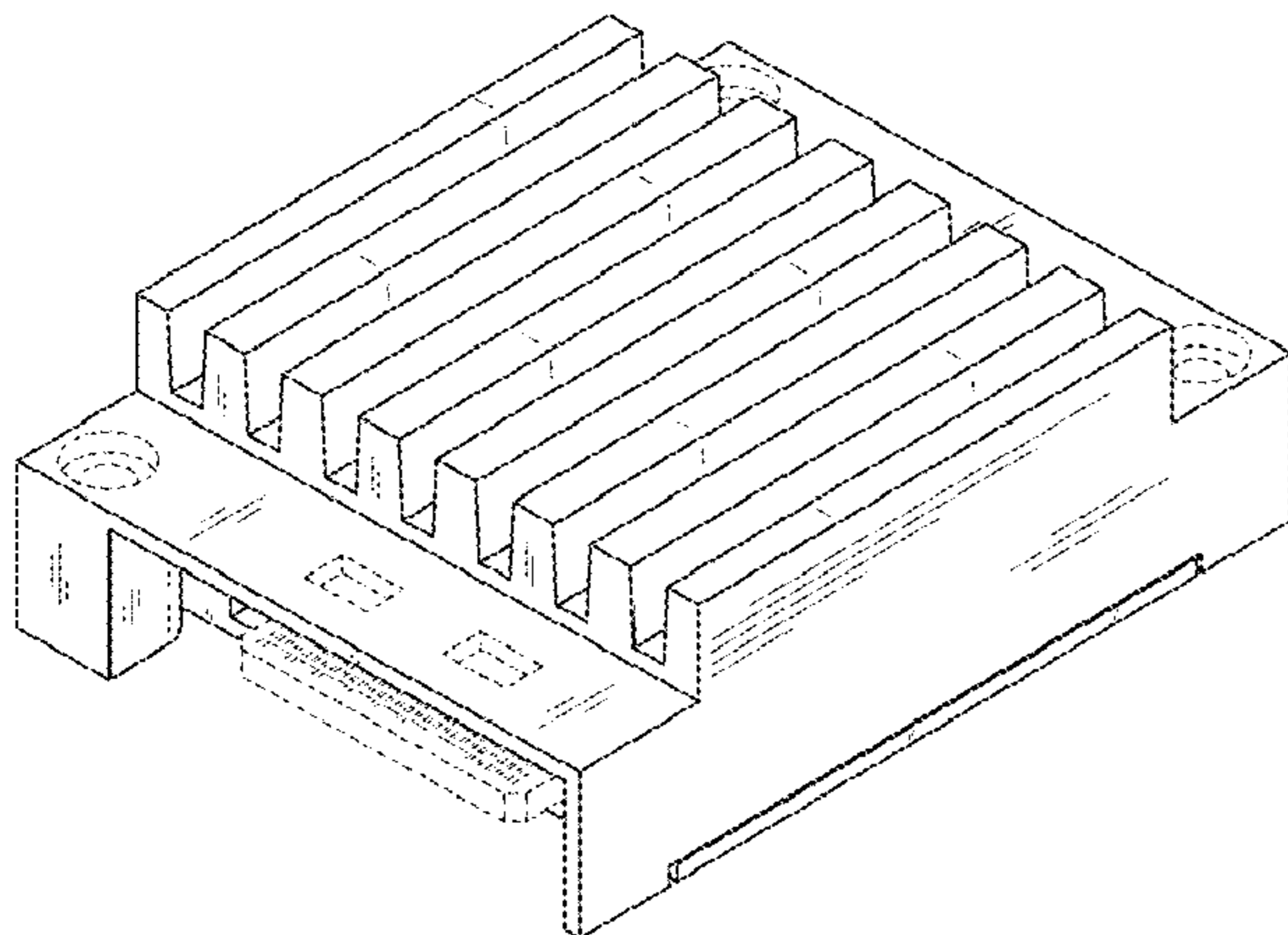
DESCRIPTION

FIG. 1 is a front perspective view of a solid state drive memory device 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 plan view thereof;
 FIG. 7 is a bottom plan view thereof; and,
 FIG. 8 is a bottom perspective view thereof.

The evenly dashed broken lines in the figures depict portions of the solid state drive memory device that form no part of the claimed design.

See application file for complete search history.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D943,586 S * 2/2022 Jun D14/435
D967,823 S * 10/2022 Crisp D14/435
D977,415 S * 2/2023 Sun D13/103
2011/0168350 A1* 7/2011 Kawano H01L 23/4093
29/428
2015/0201533 A1* 7/2015 Daughtry, Jr. H05K 9/0032
29/840
2016/0150676 A1* 5/2016 Turgeon G02B 6/4269
361/692
2016/0227674 A1* 8/2016 Hsu H01L 23/367
2020/0375064 A1* 11/2020 Chen H05K 7/20172

FOREIGN PATENT DOCUMENTS

FR 3063863 A1 * 9/2018
WO WO-2015161636 A1 * 10/2015 H05K 5/04
WO WO-2016087218 A1 * 6/2016

* cited by examiner

FIG. 1

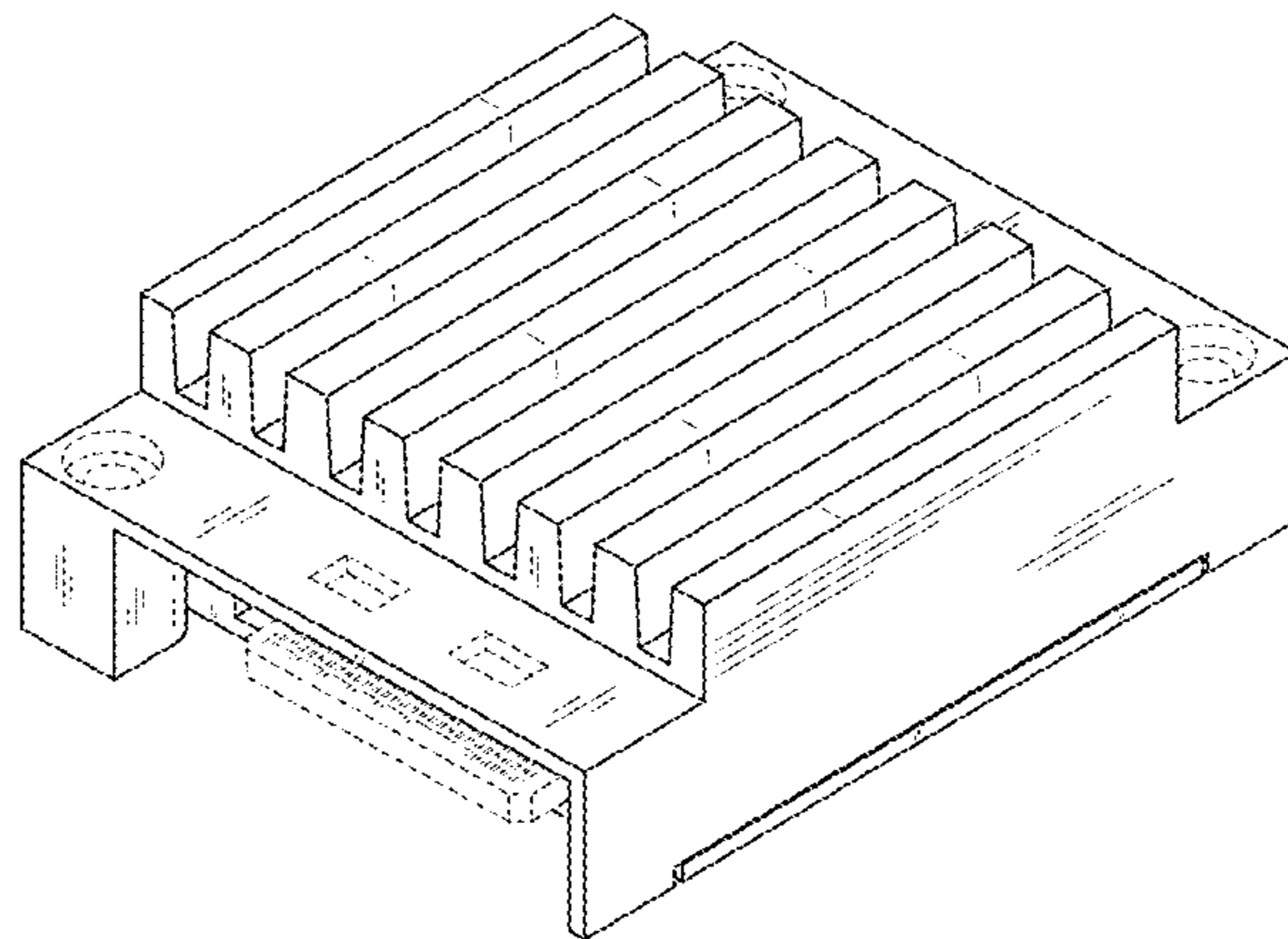


FIG. 2

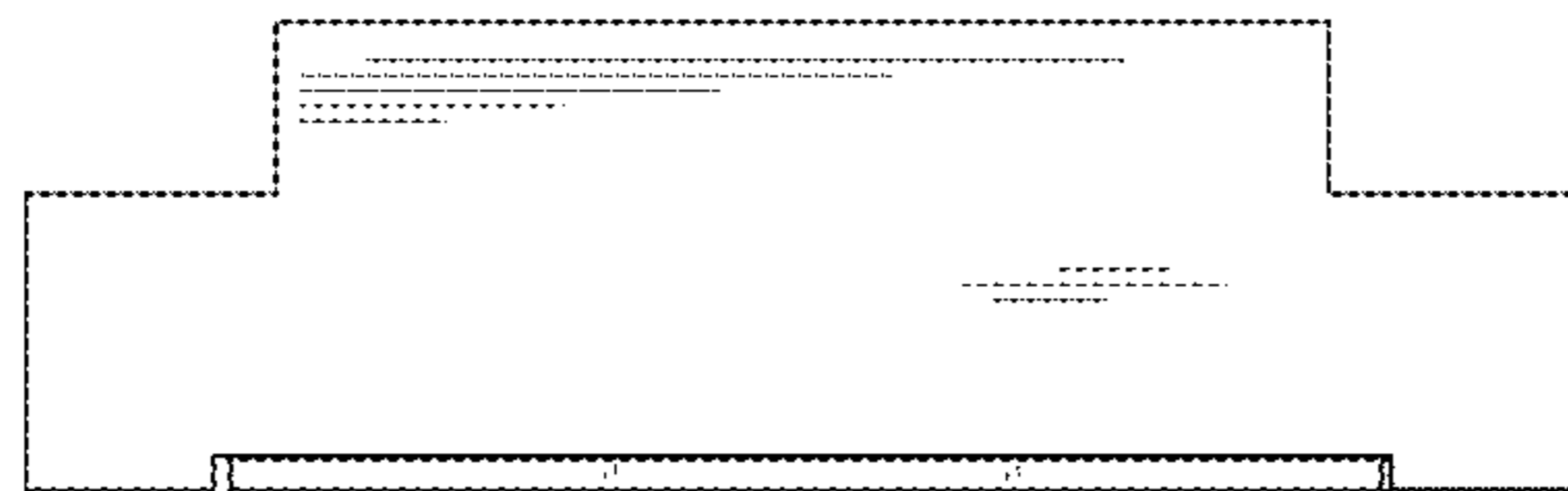


FIG. 3

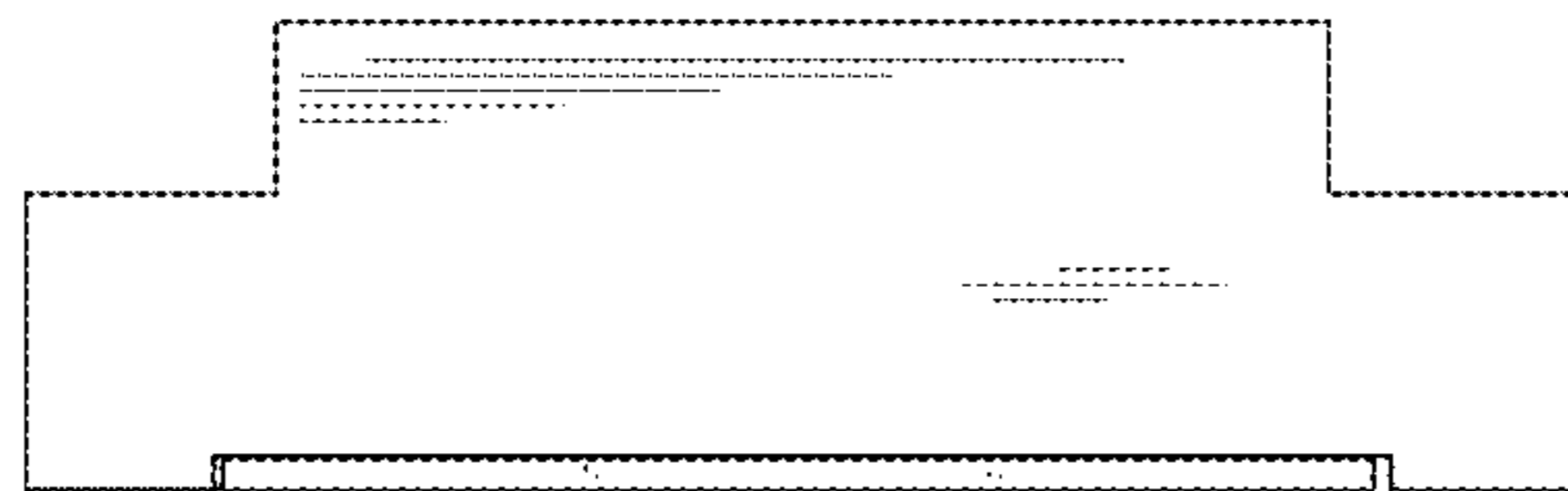


FIG. 4



FIG. 5

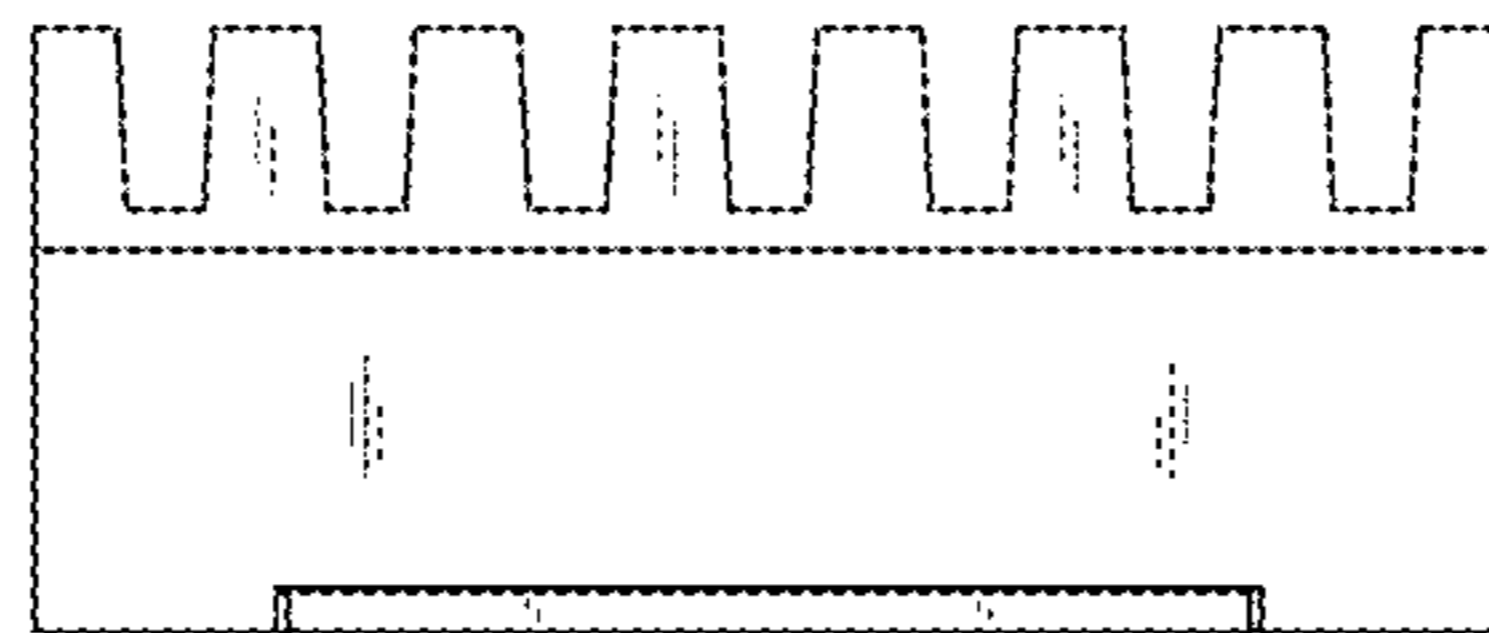


FIG. 6

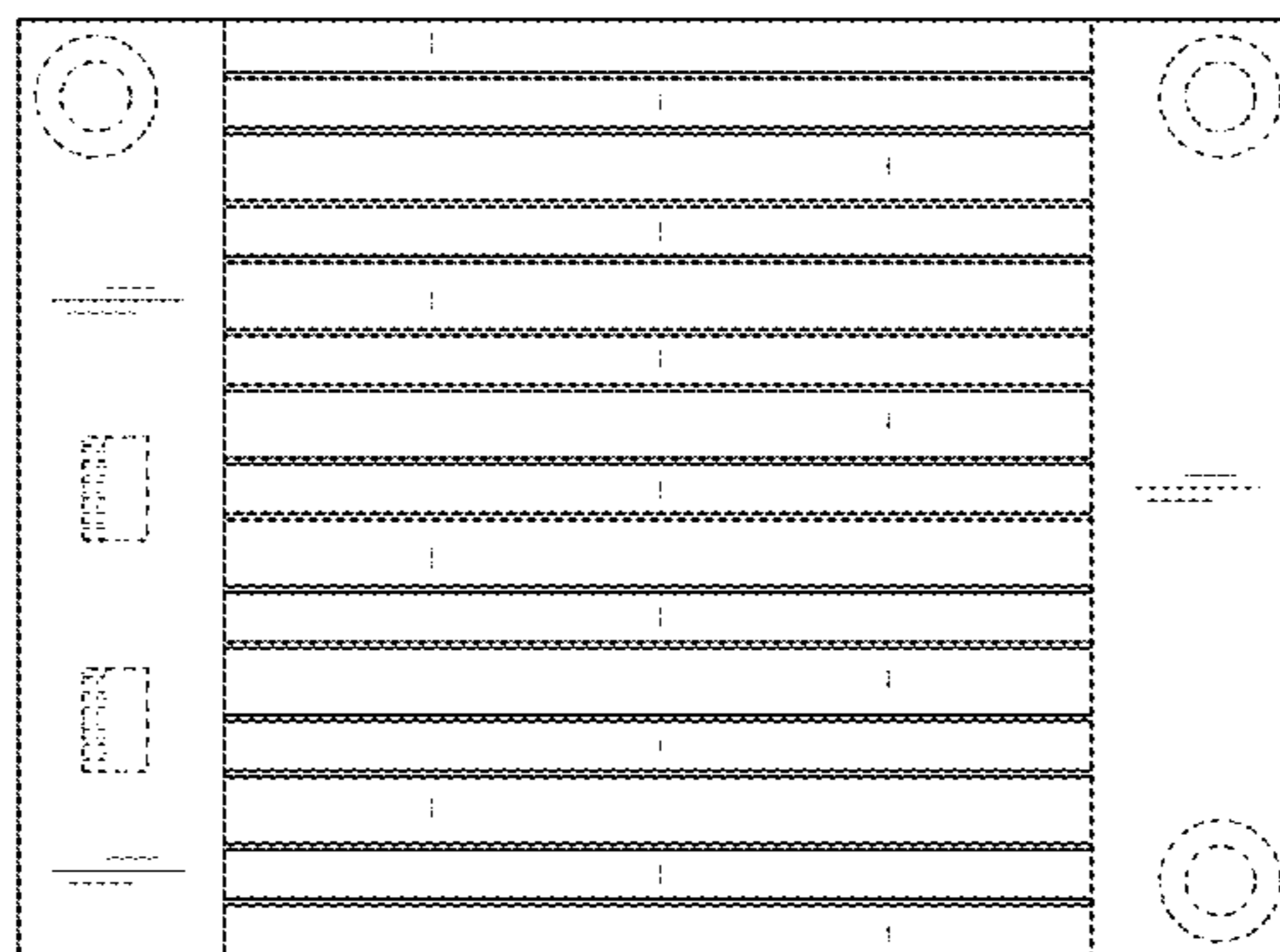


FIG. 7

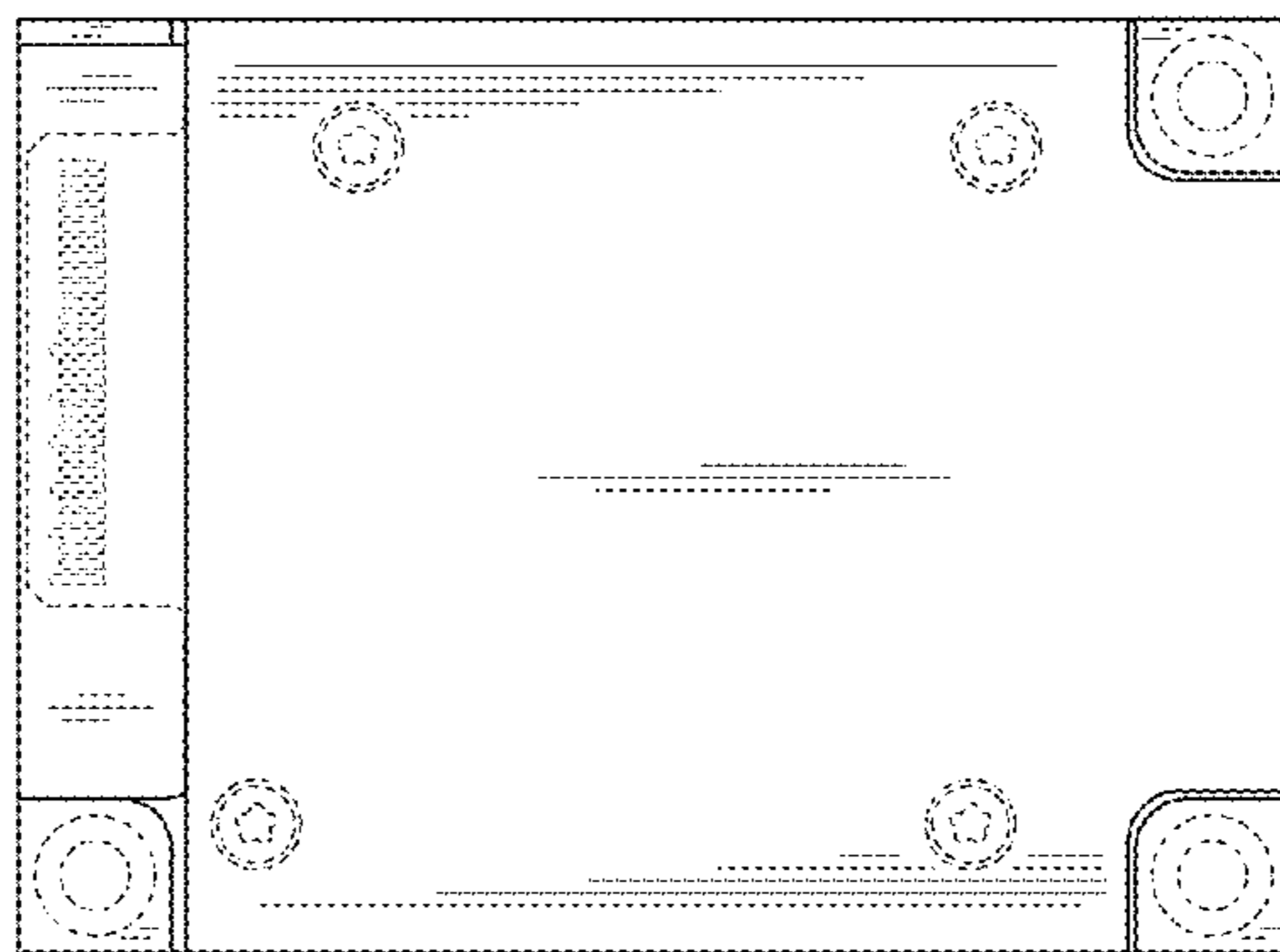


FIG. 8

