

US0D1004593S

(12) **United States Design Patent** (10) **Patent No.: US D1,004,593 S**
Lin et al. (45) **Date of Patent: ** Nov. 14, 2023**

(54) **MOUNTING FRAME FOR TOUCHPADS**

(56) **References Cited**

(71) Applicant: **Sunrex Technology Corp.**, Taichung (TW)

U.S. PATENT DOCUMENTS

(72) Inventors: **Shih-Pin Lin**, Taichung (TW);
Chun-Chieh Chen, Taichung (TW);
Yi-Wen Tsai, Taichung (TW);
Ling-Cheng Tseng, Taichung (TW);
Ching-Yao Huang, Taichung (TW);
Yu-Shuo Yang, Taichung (TW);
Yu-Xiang Geng, Taichung (TW)

D291,992	S	*	9/1987	Duffin, II	.....	D14/455
5,019,677	A	*	5/1991	Menen	.....	G06F 3/0338
						345/157
D343,391	S	*	1/1994	Hancock	.....	D8/350
D359,036	S	*	6/1995	Mandel	.....	D14/458
D364,861	S	*	12/1995	Luong	.....	D14/436
D388,774	S	*	1/1998	Giuntoli	.....	D14/454
5,808,603	A	*	9/1998	Chen	.....	G06F 3/0354
						345/157
6,501,462	B1	*	12/2002	Garner	.....	G06F 3/0213
						345/157
7,633,492	B2	*	12/2009	Hsu	.....	G06F 3/03547
						361/679.55
D736,218	S	*	8/2015	Lee	.....	D14/454
D886,828	S	*	6/2020	Huebner	.....	D14/447

(Continued)

Primary Examiner — Angela J Lee

(74) *Attorney, Agent, or Firm* — MLO, a professional corp.

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

(21) Appl. No.: **29/789,597**

(22) Filed: **Oct. 1, 2021**

(30) **Foreign Application Priority Data**

Apr. 6, 2021 (TW) 110203674

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

(52) **U.S. Cl.**
USPC **D14/389**; D14/454; D14/447

(58) **Field of Classification Search**

USPC D14/447, 432, 434, 439, 440, 451, 452,
D14/457, 239, 251, 253, 388, 389, 454;
D8/363, 373, 380; D6/406.3, 406.4,
D6/406.5, 406.6; D12/415; D19/91;
D3/218
CPC A47B 21/04; A47B 2097/006; A47B
2097/005; A47B 2023/049; A45C
2011/002; A45C 2011/003; F16M
2200/00; F16M 13/00; A45F 2200/0516;
A45F 2200/0525; G06F 3/0414; G06F
1/1658

See application file for complete search history.

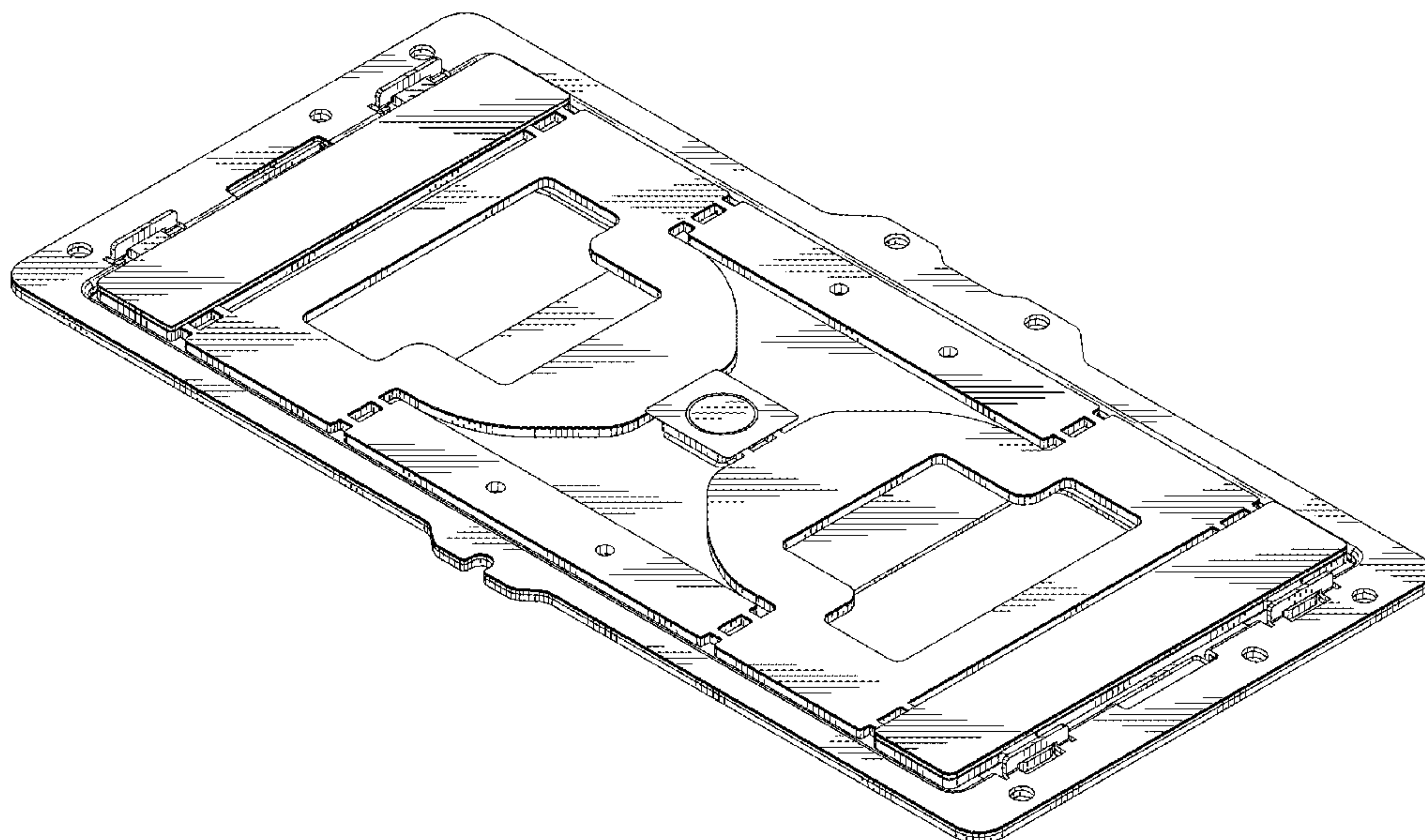
(57) **CLAIM**

The ornamental design for a mounting frame for touchpads, as shown and described.

DESCRIPTION

FIG. 1 is a front, right, top perspective view of a mounting frame for touchpads showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a rear, right, bottom perspective view thereof;
FIG. 9 is a front, right, top exploded perspective view thereof; and,
FIG. 10 is a rear, right, bottom exploded perspective view thereof.

1 Claim, 10 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D887,418 S * 6/2020 Valentine D14/447
D903,688 S * 12/2020 Hong D14/447

* cited by examiner

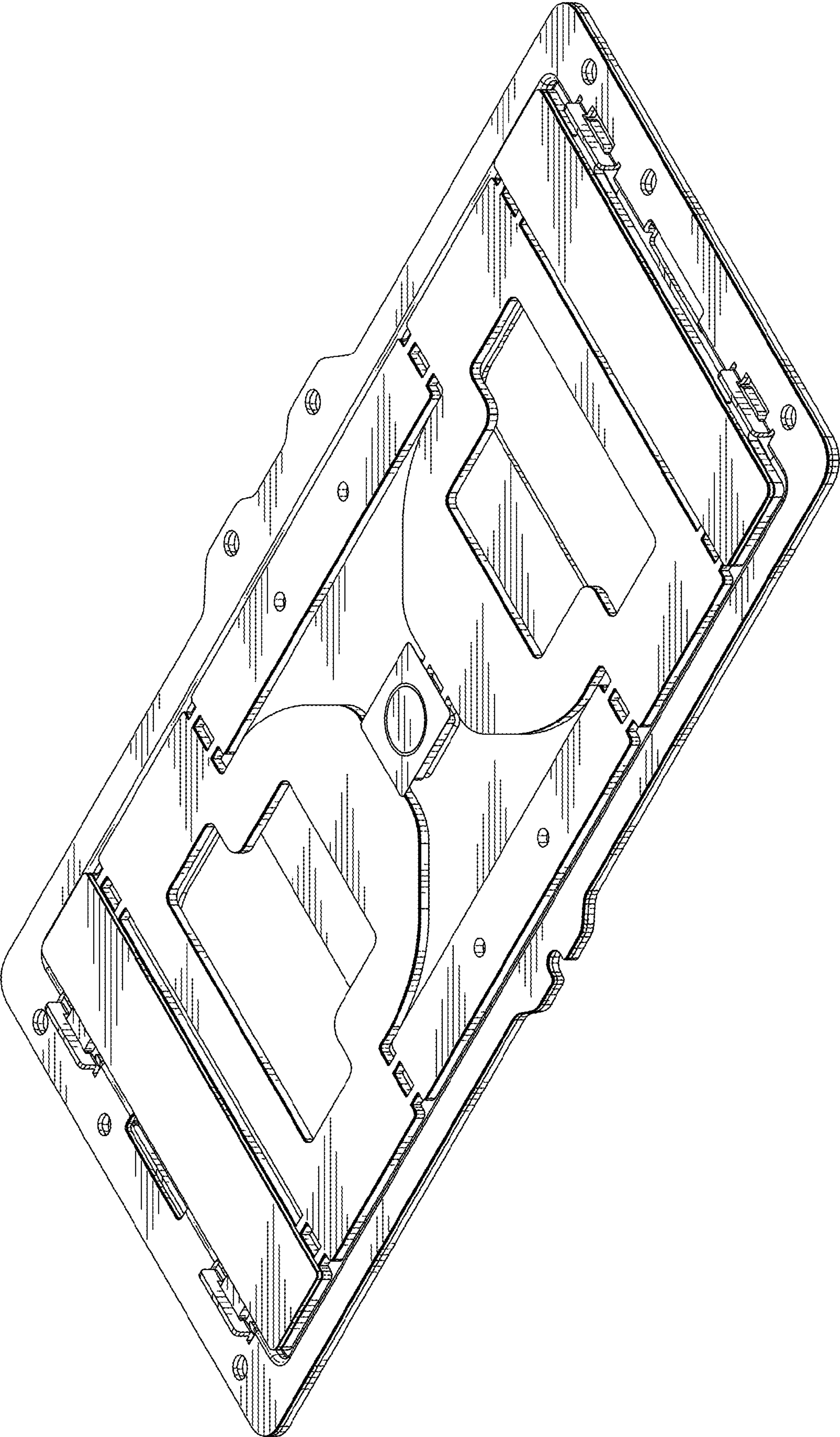


FIG.1

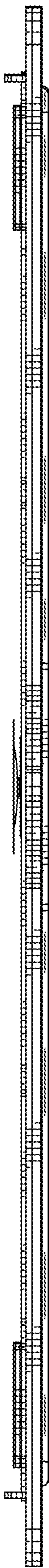


FIG.2



FIG.3



FIG.4



FIG.5

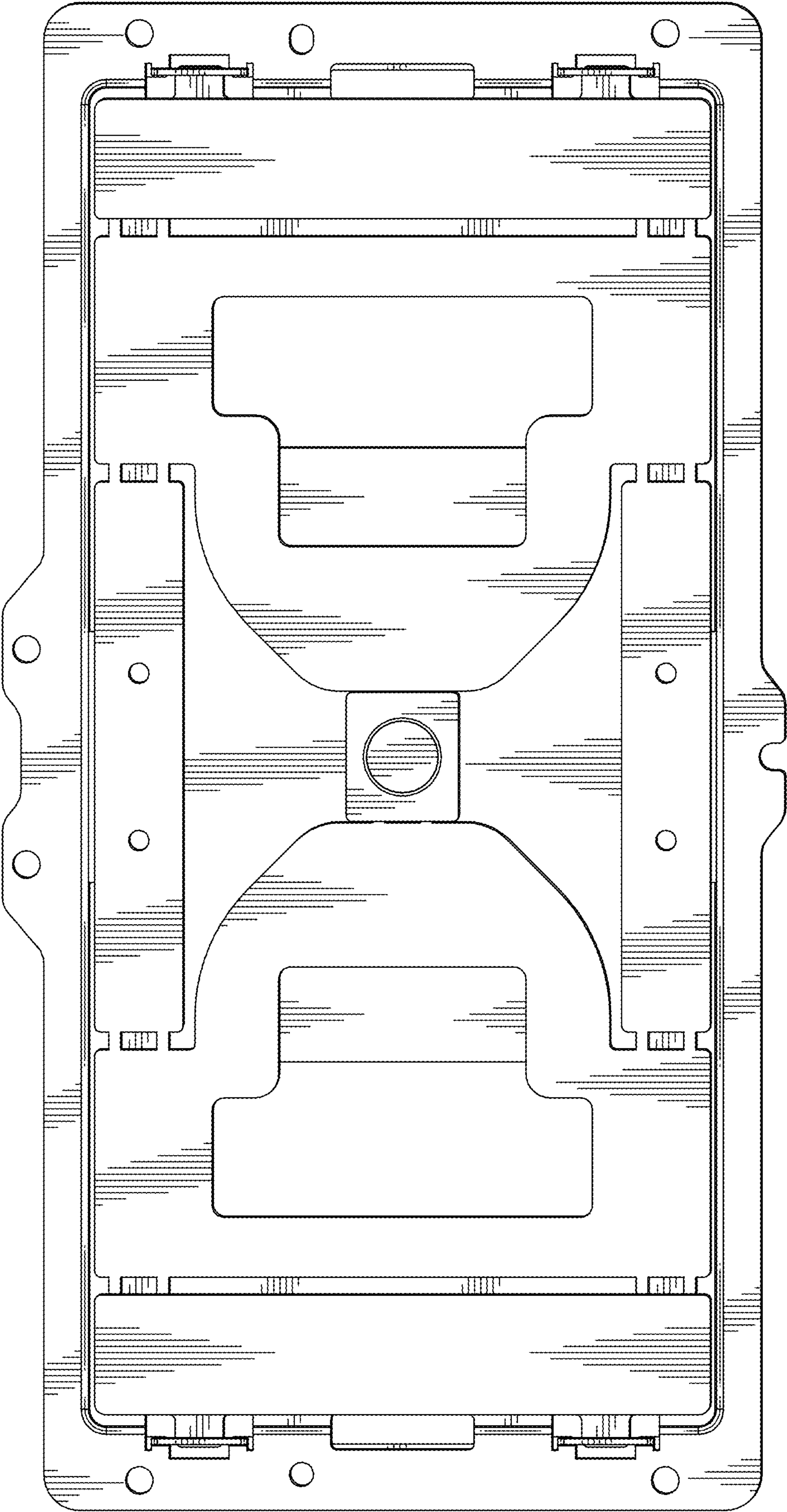


FIG.6

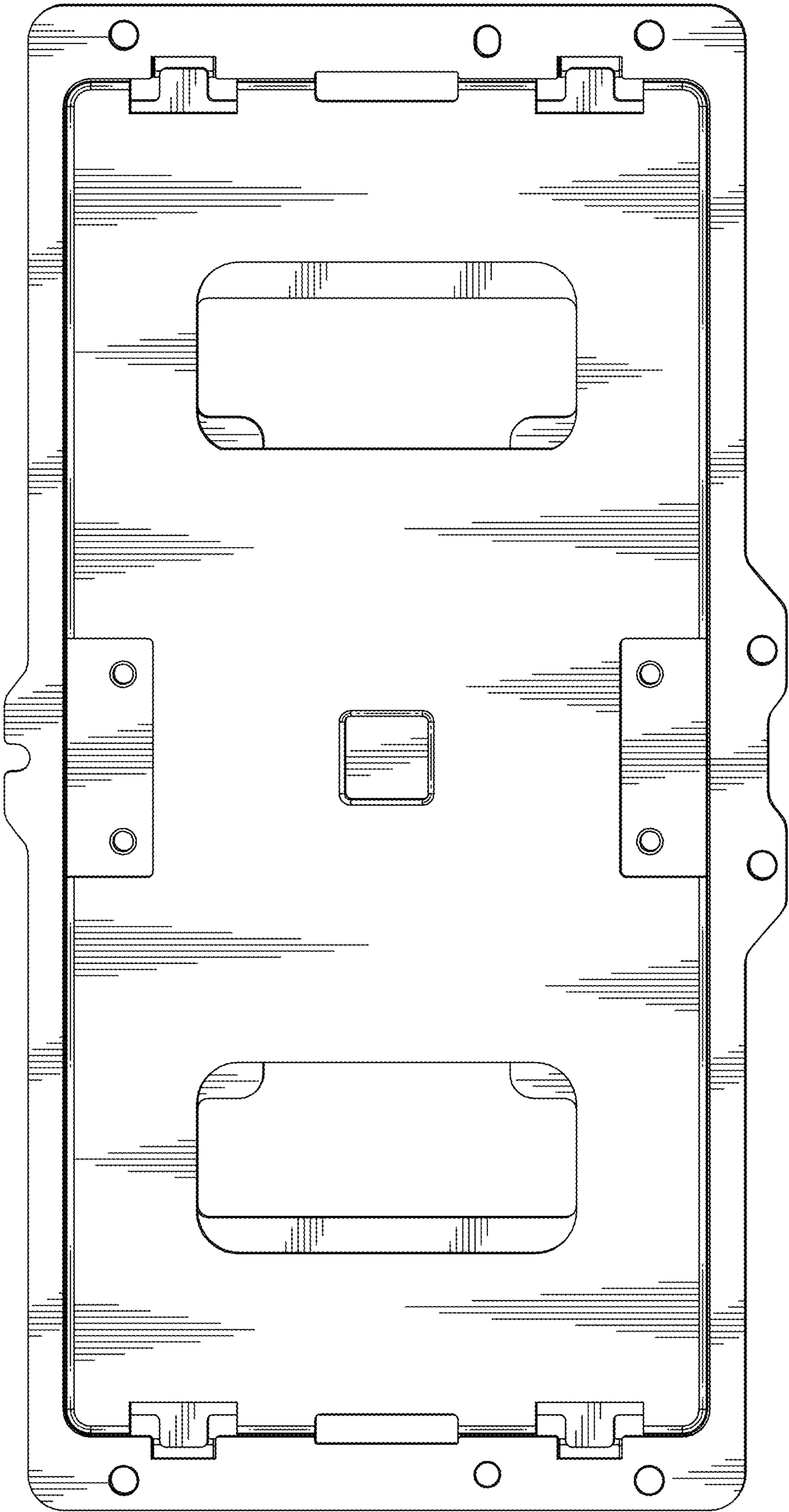


FIG. 7

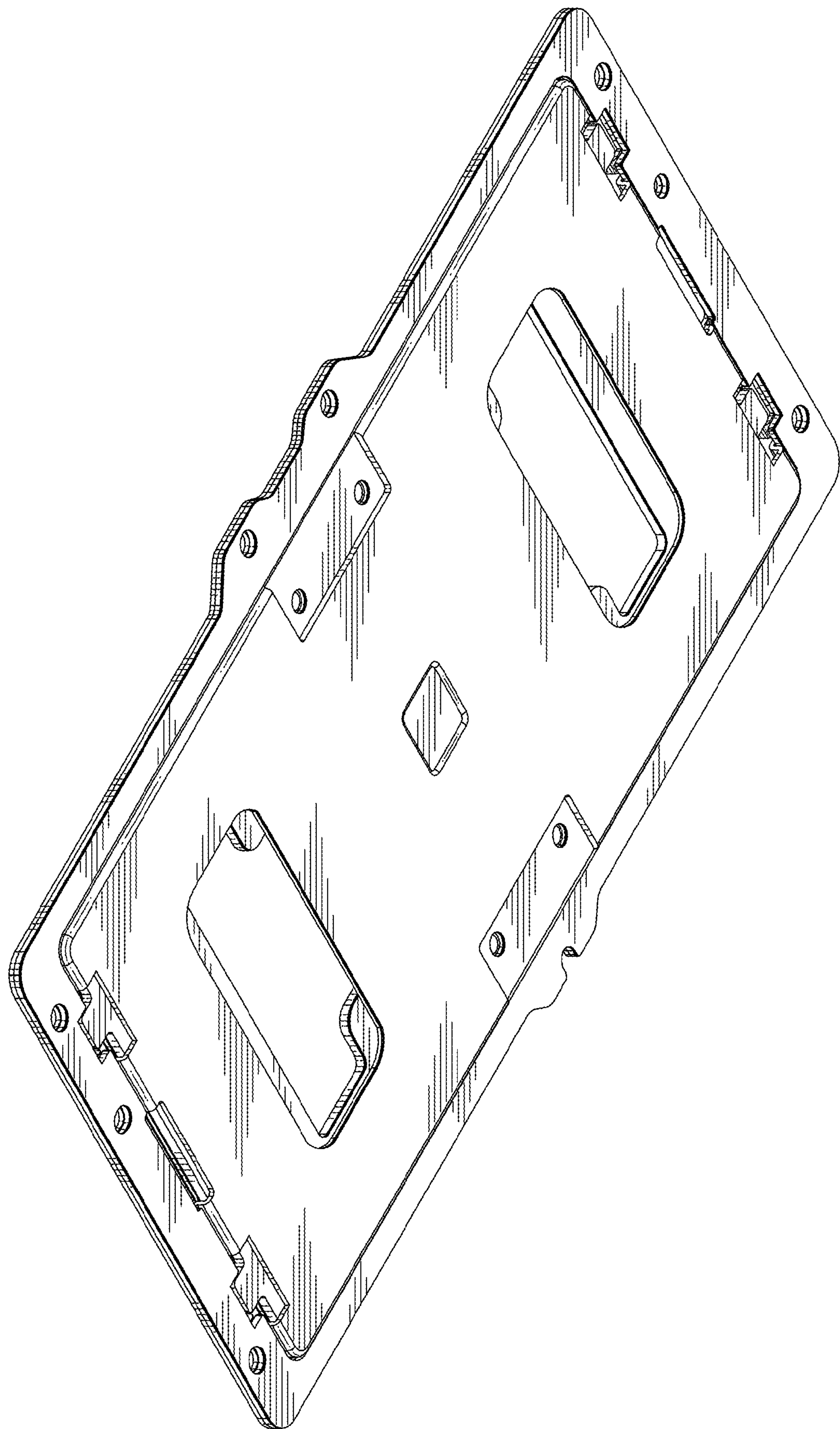


FIG.8

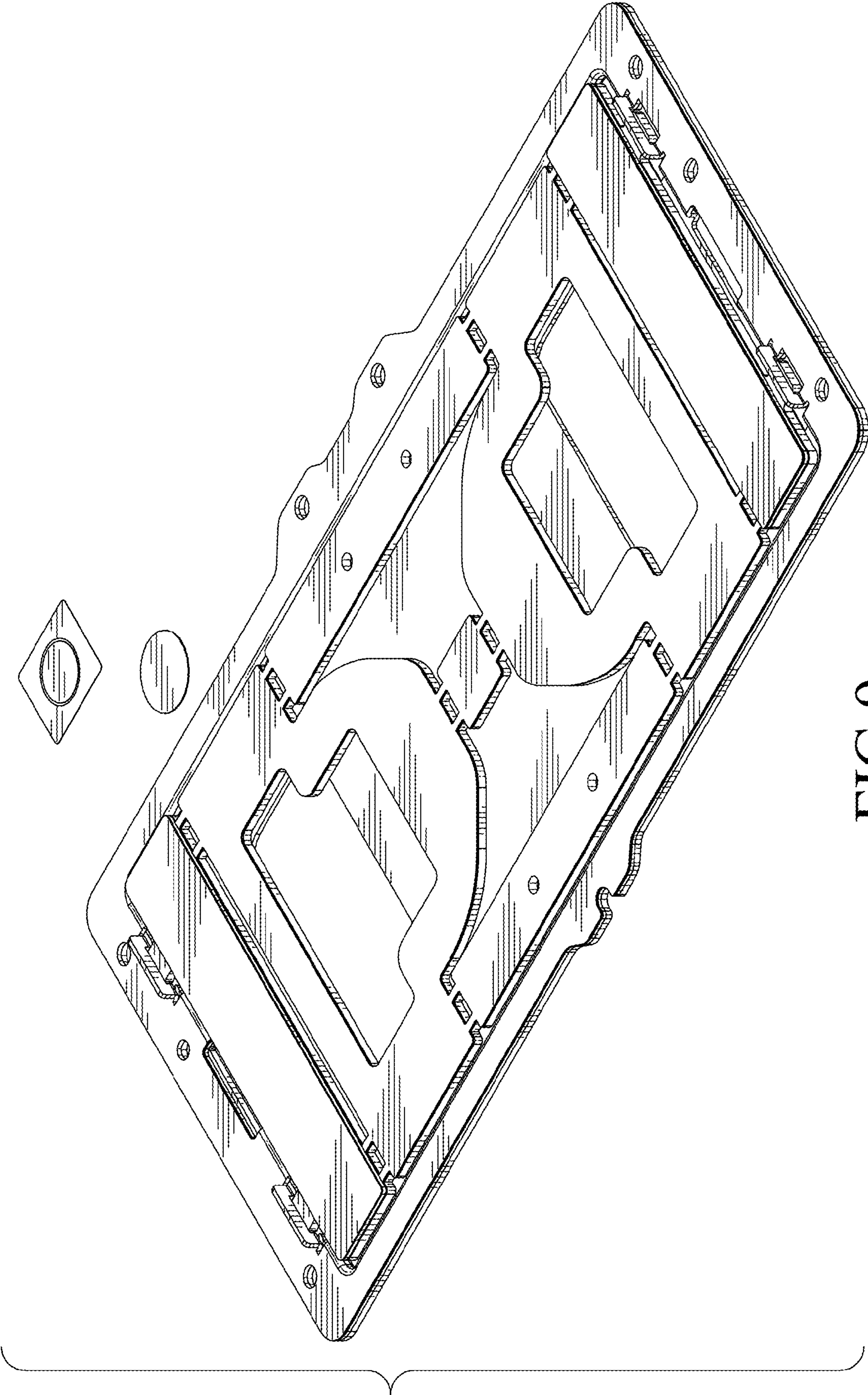


FIG.9

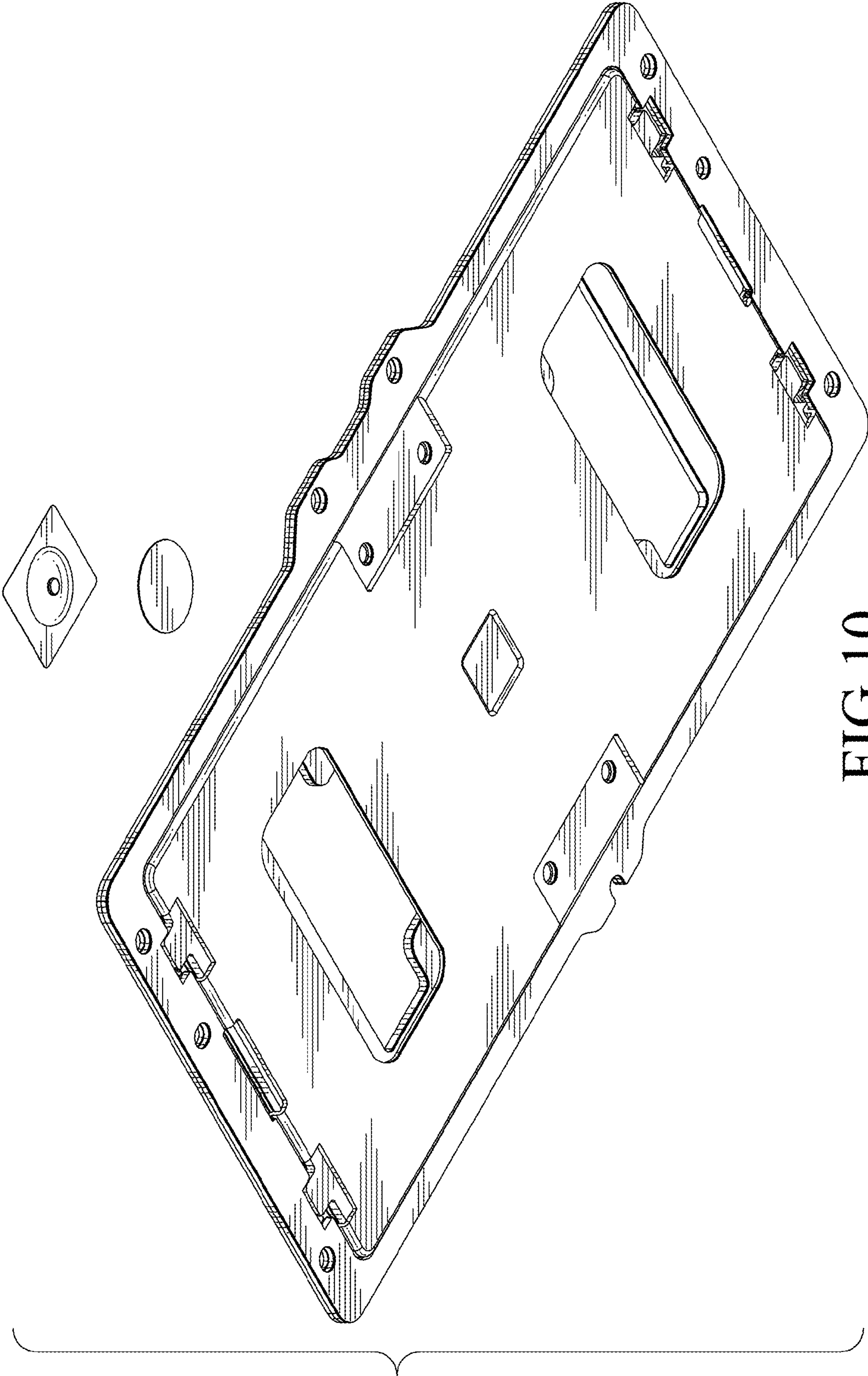


FIG.10