



US00D689835S

(12) **United States Design Patent**
Smith

(10) **Patent No.:** **US D689,835 S**

(45) **Date of Patent:** **** Sep. 17, 2013**

(54) **ELECTROSTATIC CARRIER TRAY**

(71) Applicant: **Eryn Smith**, Pleasanton, CA (US)

(72) Inventor: **Eryn Smith**, Pleasanton, CA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/441,627**

(22) Filed: **Jan. 8, 2013**

(51) **LOC (9) Cl.** **13-03**

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

USPC **D13/182**

(58) **Field of Classification Search**

USPC D13/182; 439/65, 70-74, 330, 331,
439/620.2; 414/935-941; 118/500, 728,
118/729; 156/345.51, 345.52, 345.53;
279/128; 361/230, 233, 234

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D258,281 S *	2/1981	Murphy	.....	D13/182
D288,436 S *	2/1987	Wallgren	.....	D13/182
D548,705 S *	8/2007	Hayashi	.....	D13/182
D609,652 S *	2/2010	Nagasaka et al.	.....	D13/182
D609,655 S *	2/2010	Sugimoto	.....	D13/182
D633,880 S *	3/2011	Heng et al.	.....	D13/182
D641,720 S *	7/2011	Heng et al.	.....	D13/182
D645,426 S *	9/2011	Heng et al.	.....	D13/182
D648,688 S *	11/2011	Heng et al.	.....	D13/182

D674,759 S *	1/2013	Chang et al.	.....	D13/182
D684,551 S *	6/2013	Nguyen	.....	D13/182
2008/0242138 A1 *	10/2008	Chang	.....	439/331

* cited by examiner

Primary Examiner — Elizabeth J Oswecki

(74) *Attorney, Agent, or Firm* — Sinorica, LLC

(57) **CLAIM**

The ornamental design for an electrostatic carrier tray, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an electrostatic carrier tray showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a right-side elevational view thereof;

FIG. 5 is a left-side elevational view thereof;

FIG. 6 is a bottom plan view thereof;

FIG. 7 is a top plan view thereof;

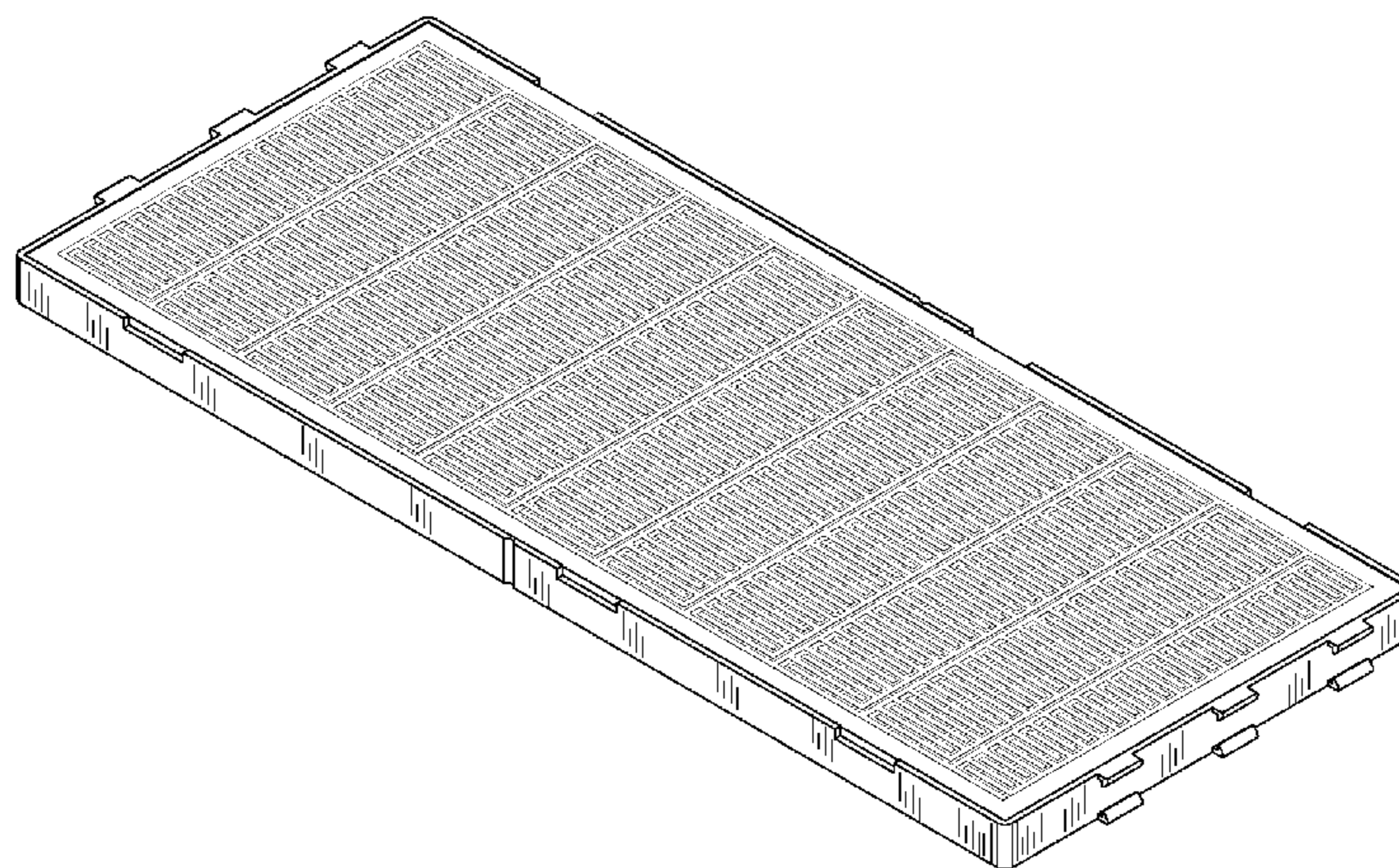
FIG. 8 is an exploded perspective view thereof;

FIG. 9 is a perspective view thereof shown in a used condition wherein a plurality of substrates is electrostatically bonded to the plurality of electrostatic field generating circuits; and,

FIG. 10 is a cross-sectional view thereof taken along line 10-10 of FIG. 7.

The broken lines illustrate the plurality of substrates in FIG. 9 and are included to show environmental structure that forms no part of the claimed design.

1 Claim, 10 Drawing Sheets



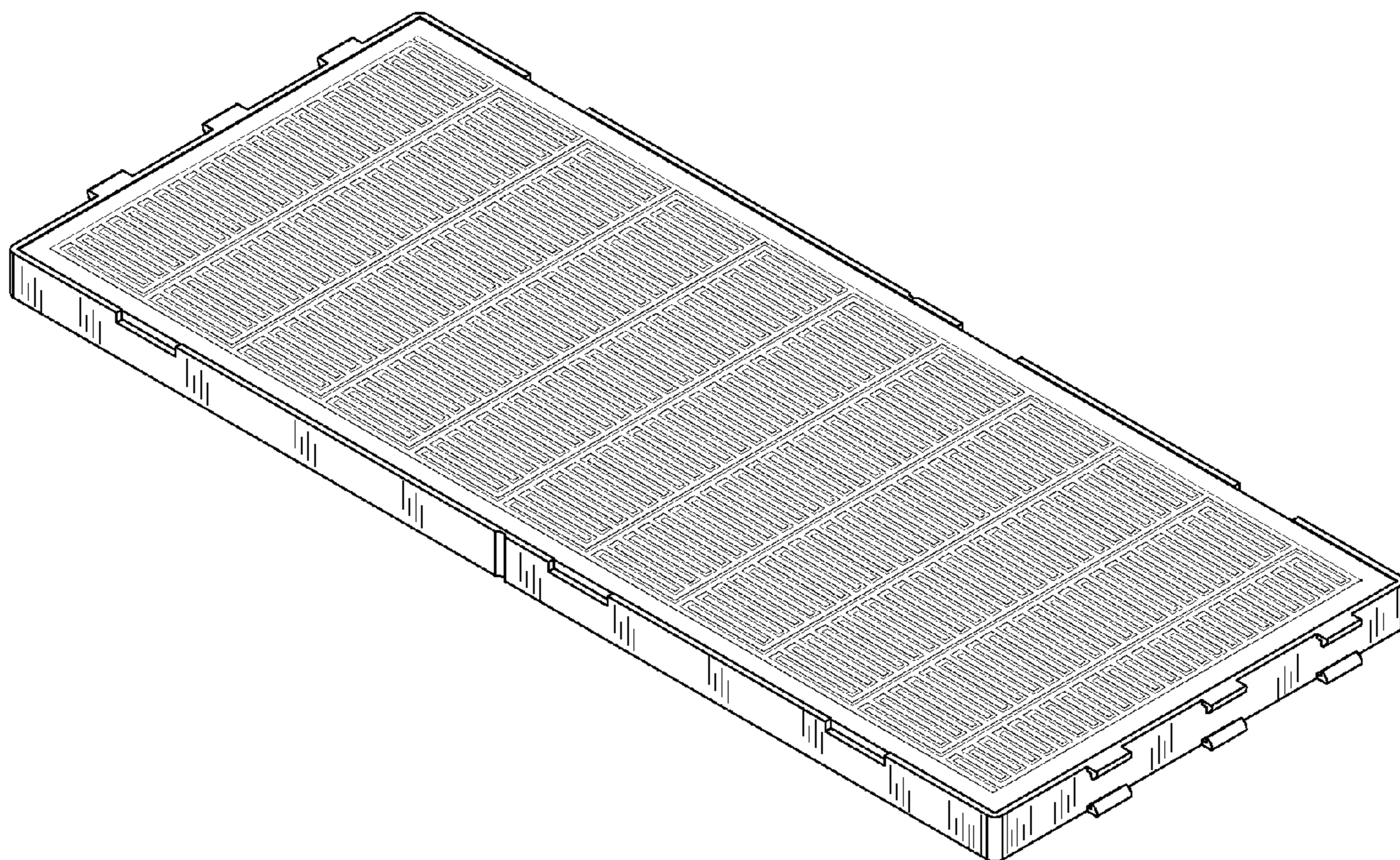


FIG. 1



FIG. 2

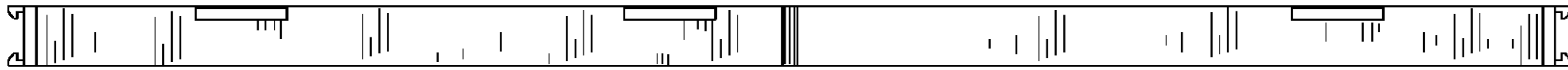


FIG. 3

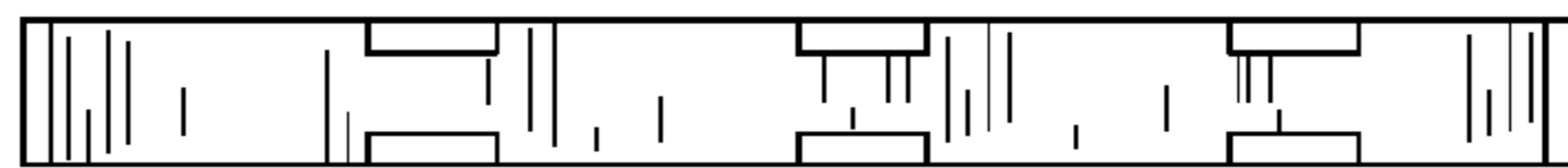


FIG. 4

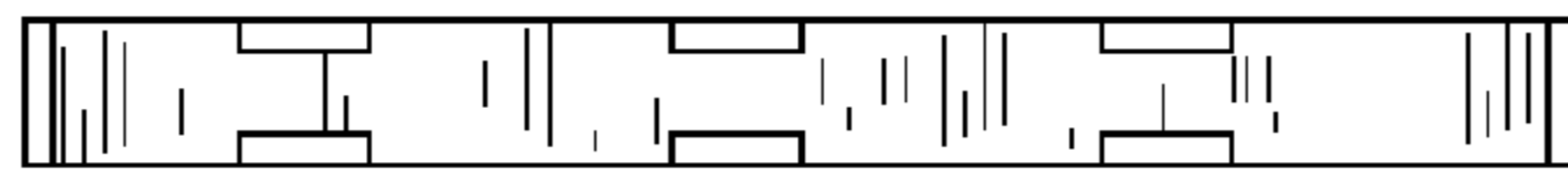


FIG. 5

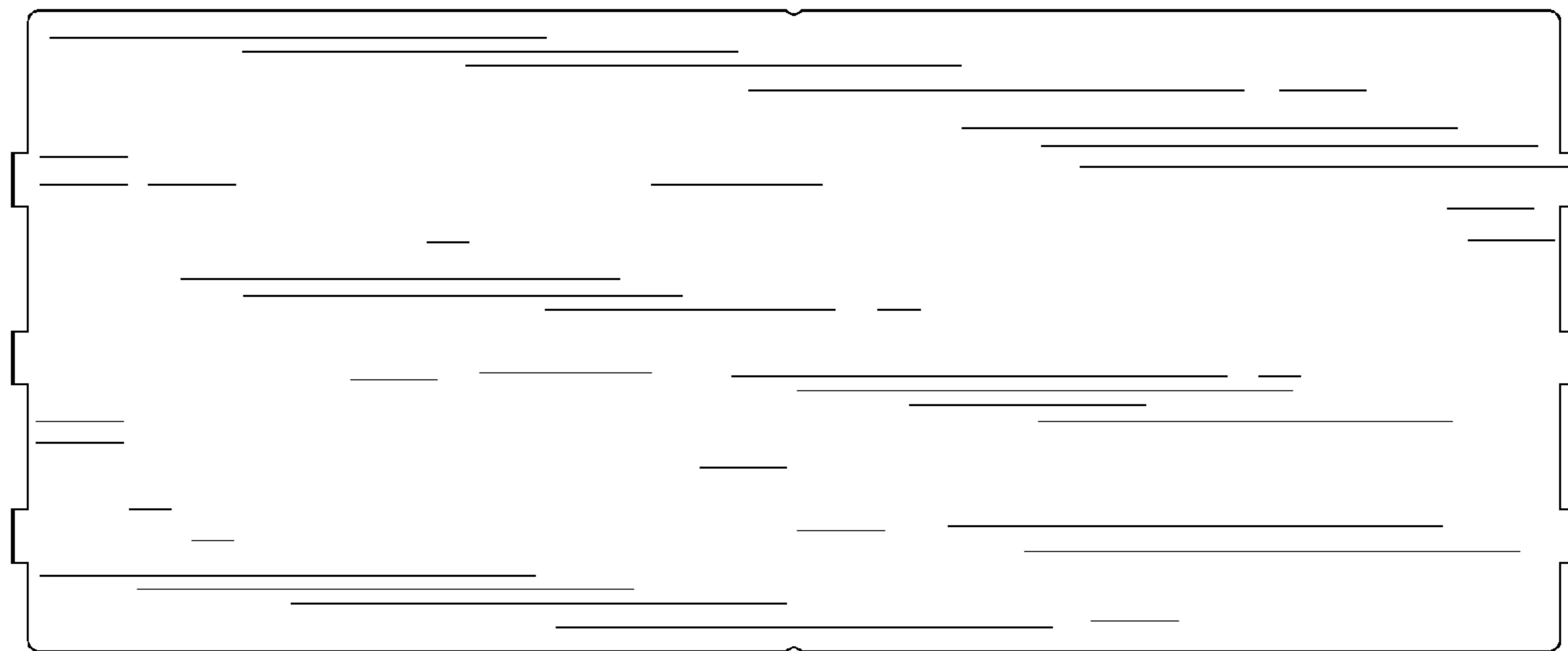


FIG. 6

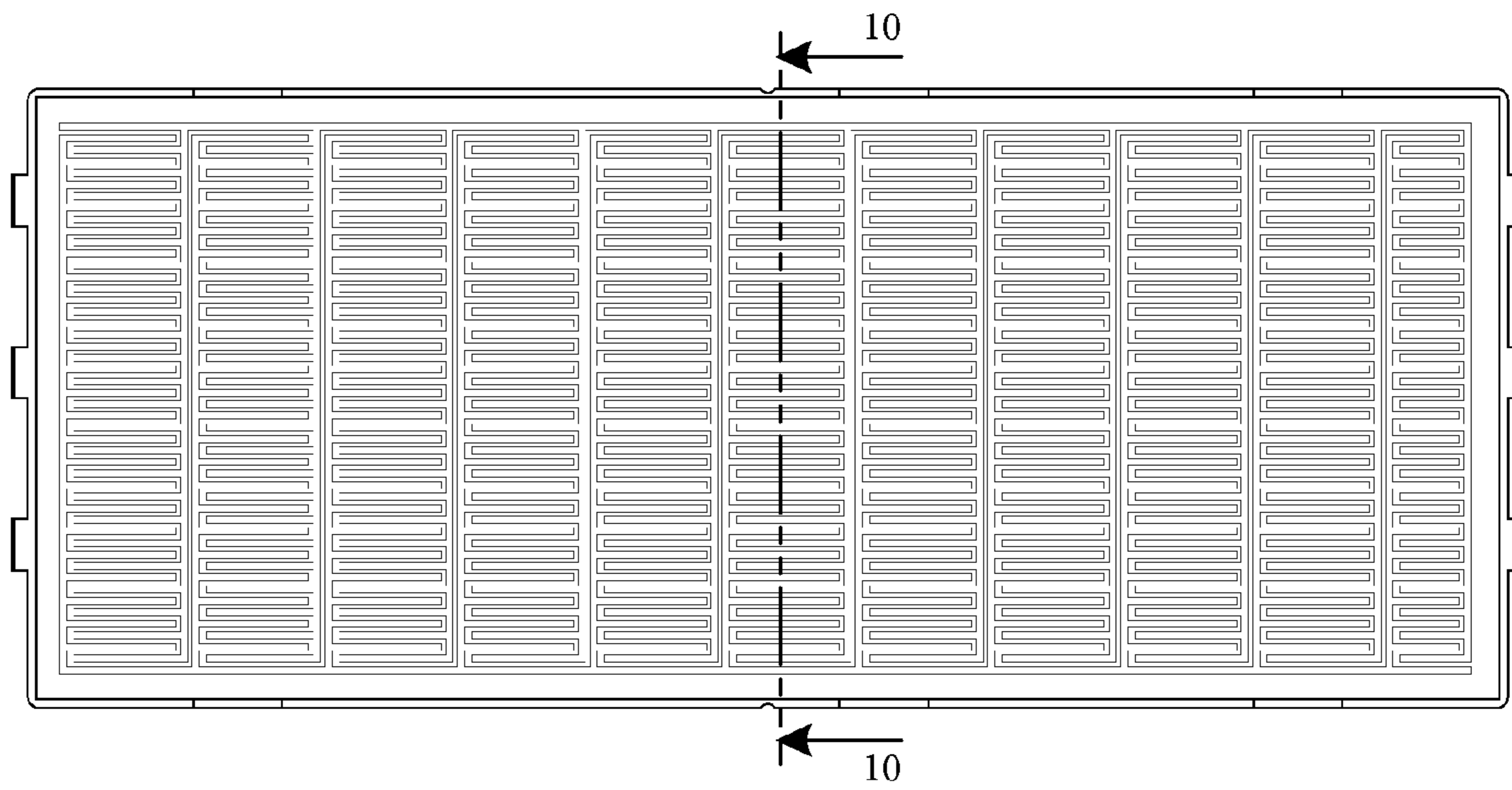


FIG. 7

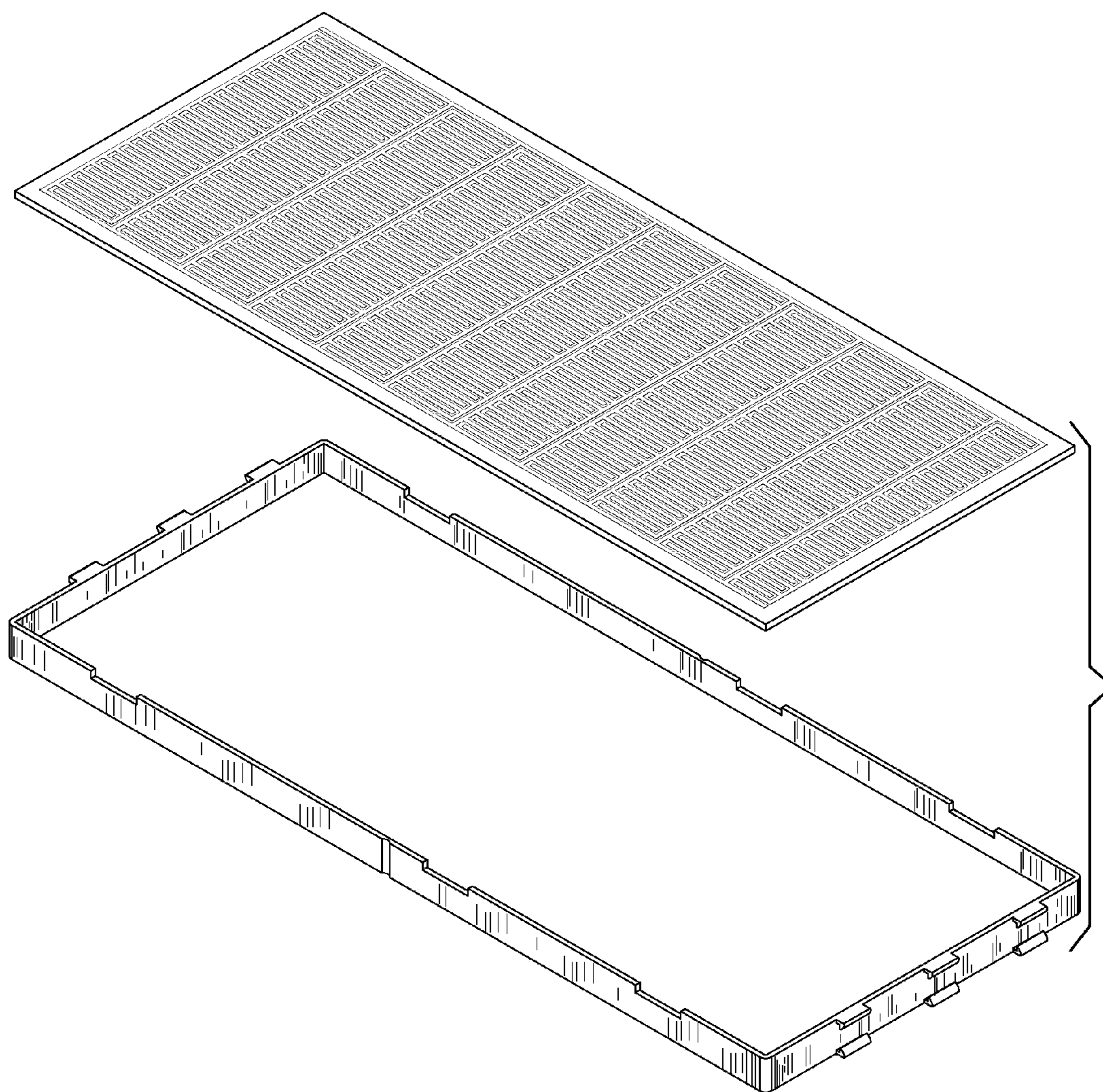


FIG. 8

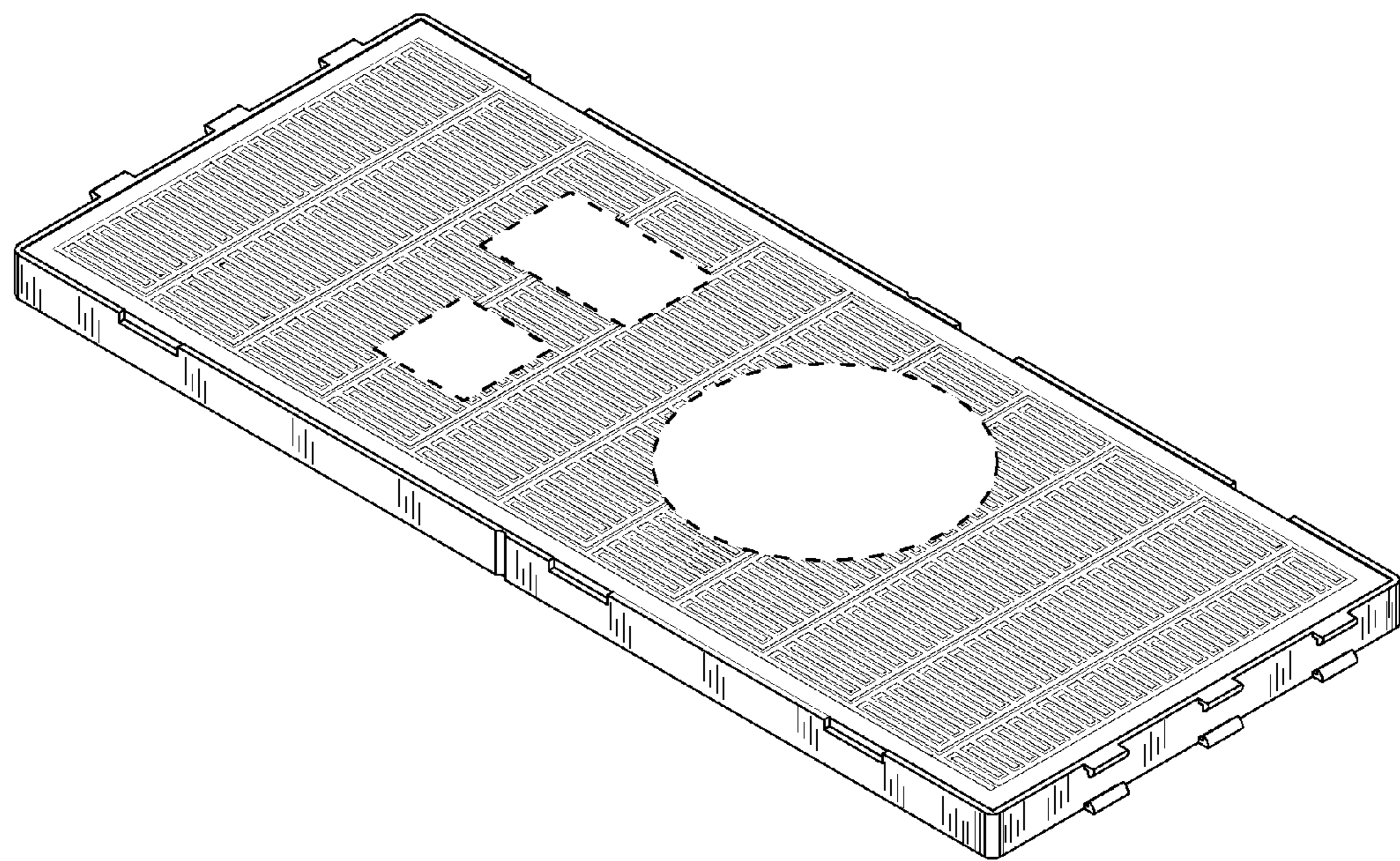


FIG. 9

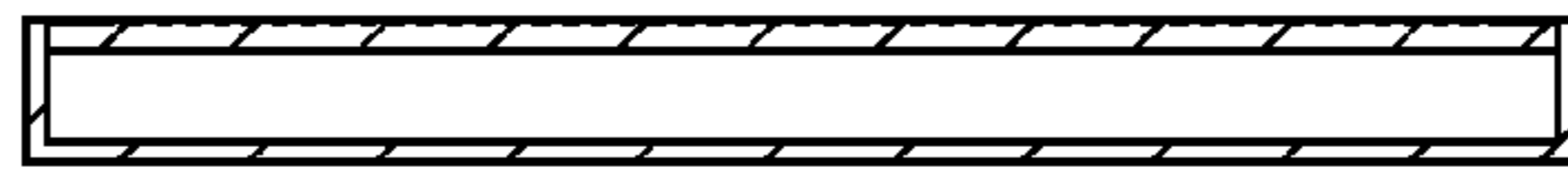


FIG. 10