



US0D1053823S

(12)

United States Design Patent

Ashibu

(10)

Patent No.:

US D1,053,823 S

(45)

Date of Patent:

** *Dec. 10, 2024

(54) CONNECTOR

(71) Applicant: Japan Aviation Electronics Industry, Limited, Tokyo (JP)

(72) Inventor: Kenta Ashibu, Tokyo (JP)

(73) Assignee: Japan Aviation Electronics Industry, Limited, Tokyo (JP)

(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: 15 Years

(21) Appl. No.: 29/863,896

(22) Filed: Dec. 23, 2022

(30) Foreign Application Priority Data

Jul. 15, 2022 (JP) 2022-015226 D

(51) LOC (14) Cl. 13-03

(52) U.S. Cl.
USPC D13/147

(58) Field of Classification Search
USPC D13/110, 123, 133, 146, 147, 149, 154,
D13/173, 178, 182, 184, 199
CPC H01R 12/00; H01R 12/70; H01R 12/716;
H01R 12/73; H01R 13/24; H01R 13/42;
H01R 13/426; H01R 13/631
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

6,960,103 B2 * 11/2005 Tokunaga H01R 13/6471
439/108

D540,258 S * 4/2007 Peng D13/147

D611,420 S * 3/2010 Takada D13/147

D611,421 S * 3/2010 Takada D13/147

D611,908 S * 3/2010 Takada D13/147

D733,662 S * 7/2015 Harper, Jr. D13/147

D745,852 S * 12/2015 Harper, Jr. D13/154

D746,236 S * 12/2015 Horchler D13/154

D751,507 S * 3/2016 Horchler D13/147

D766,832 S * 9/2016 Harper, Jr. D13/147

D772,168 S * 11/2016 Harper, Jr. D13/154

D853,342 S * 7/2019 Auer D13/182

D853,978 S * 7/2019 Auer D13/182

D870,674 S * 12/2019 Ashibu D13/147

D871,345 S * 12/2019 Ashibu D13/147

D958,090 S * 7/2022 Buck D13/147

D969,749 S * 11/2022 Ito D13/133

(Continued)

Primary Examiner — Shawn T Gingrich
Assistant Examiner — Amanda Christensen
(74) Attorney, Agent, or Firm — Kreative IP Management LLC; Fuiyeong Kim

(57) CLAIM

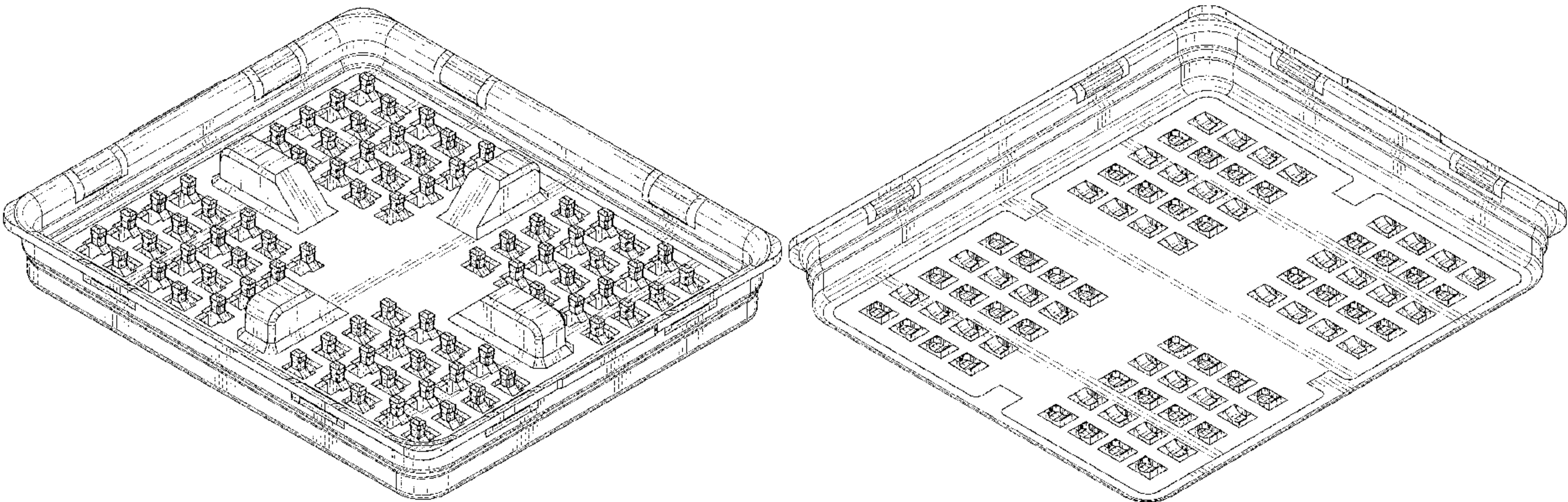
The ornamental design for a connector as shown and described.

DESCRIPTION

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

The broken line showing of the connector is for the purpose of illustrating portions of the article and forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D985,509	S *	5/2023	Yokoyama	D13/147
D995,441	S *	8/2023	Oosaka	D13/133
D997,882	S *	9/2023	Oosaka	D13/133
D999,173	S *	9/2023	Oosaka	D13/133
2019/0288420	A1 *	9/2019	Hashiguchi	H01R 13/112
2021/0184383	A1 *	6/2021	Ito	H01R 13/514
2023/0094811	A1 *	3/2023	Hashiguchi	H01R 12/7064
				439/180
2023/0223715	A1 *	7/2023	Kim	H01R 12/716
				439/752

* cited by examiner

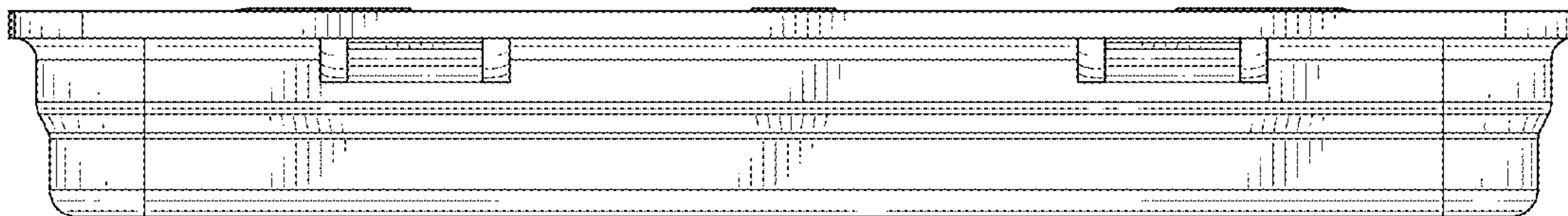


FIG. 1

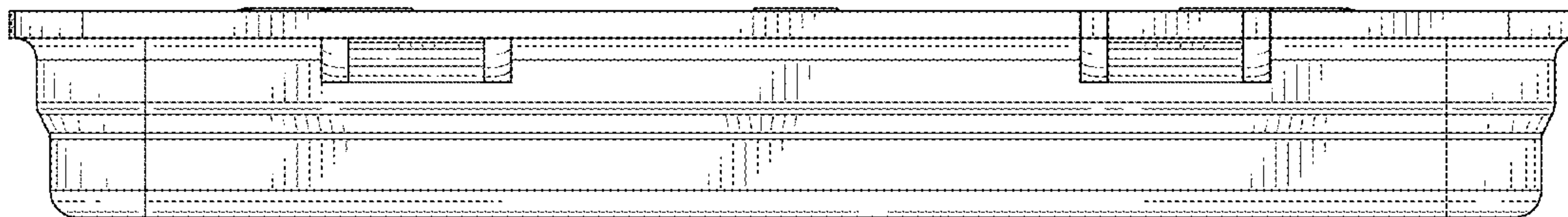


FIG. 2

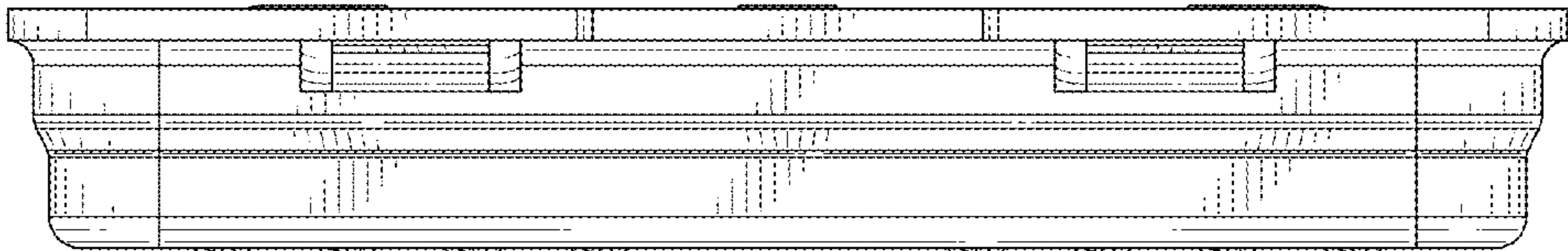


FIG. 3

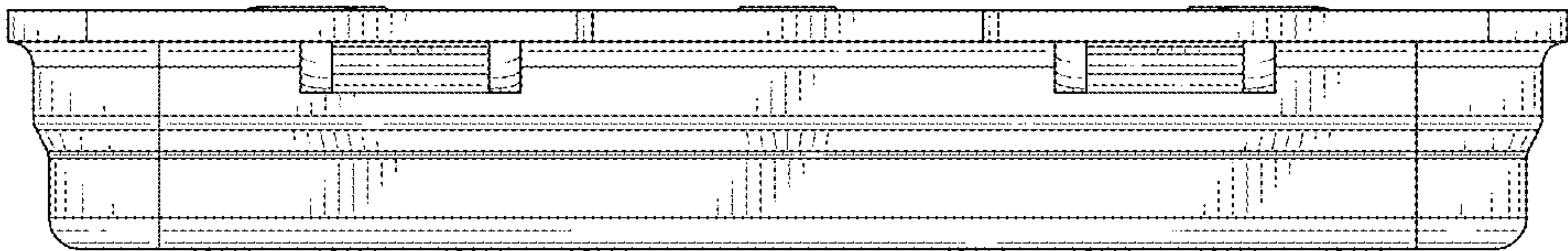


FIG. 4

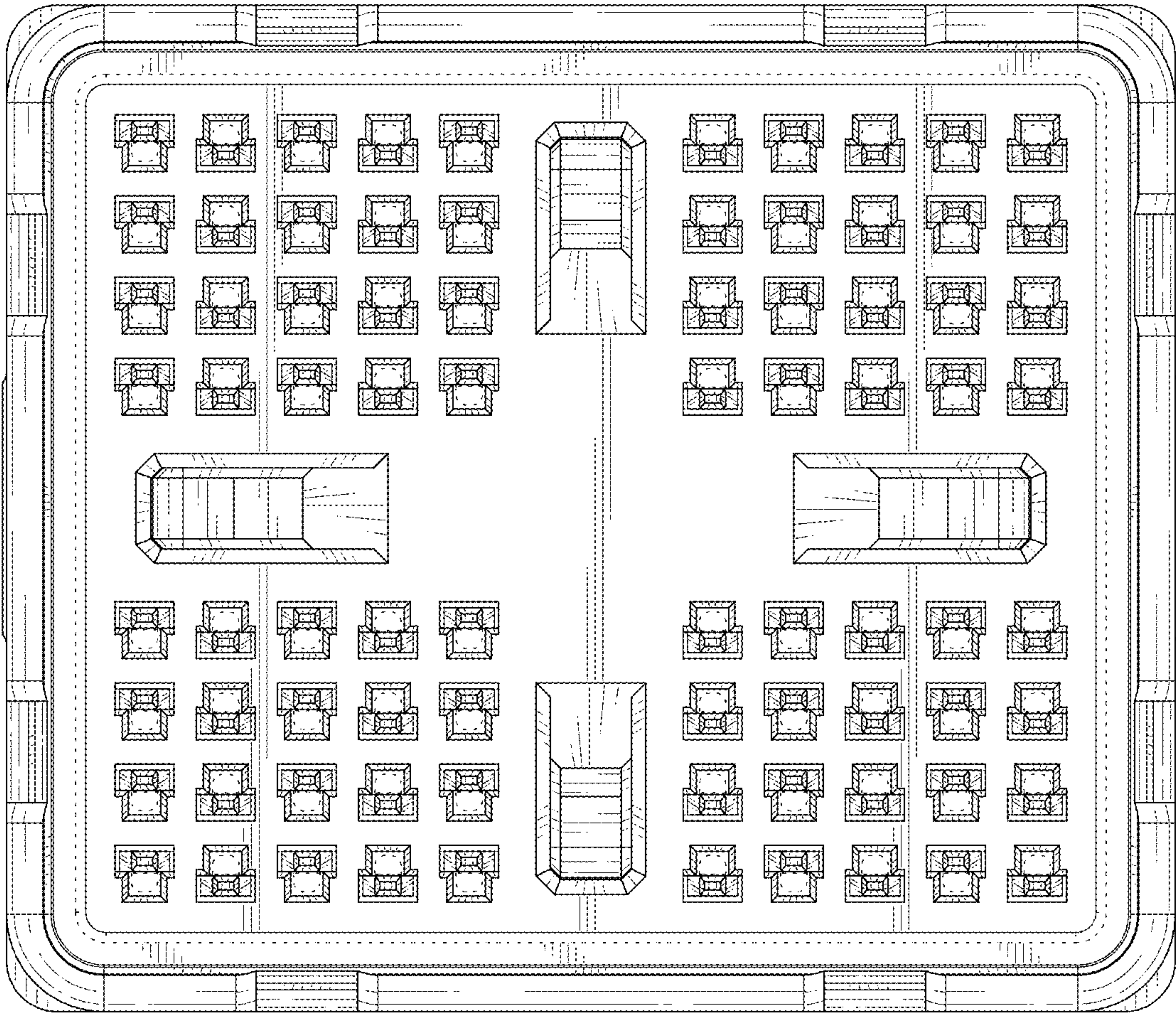


FIG. 5

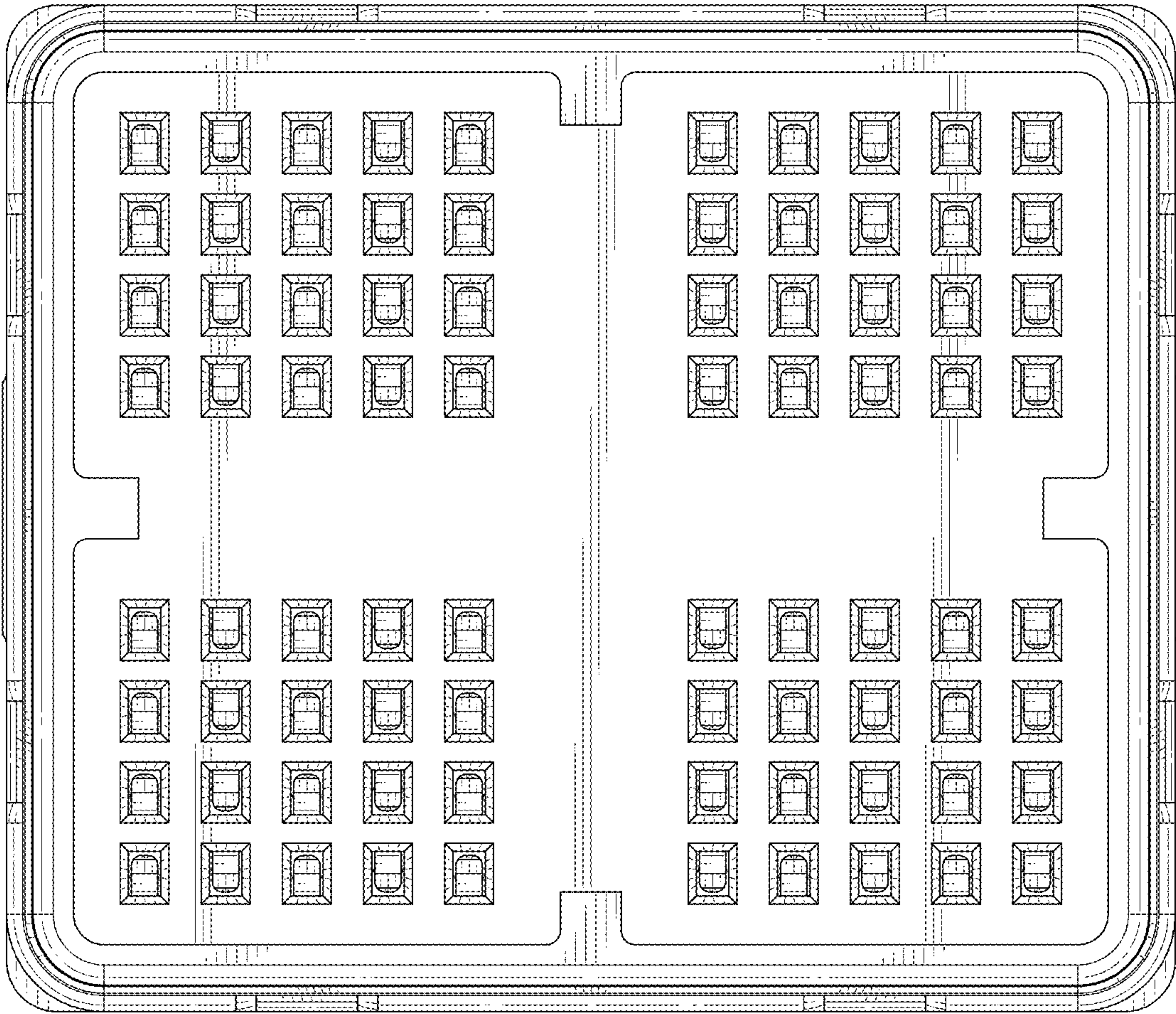


FIG. 6

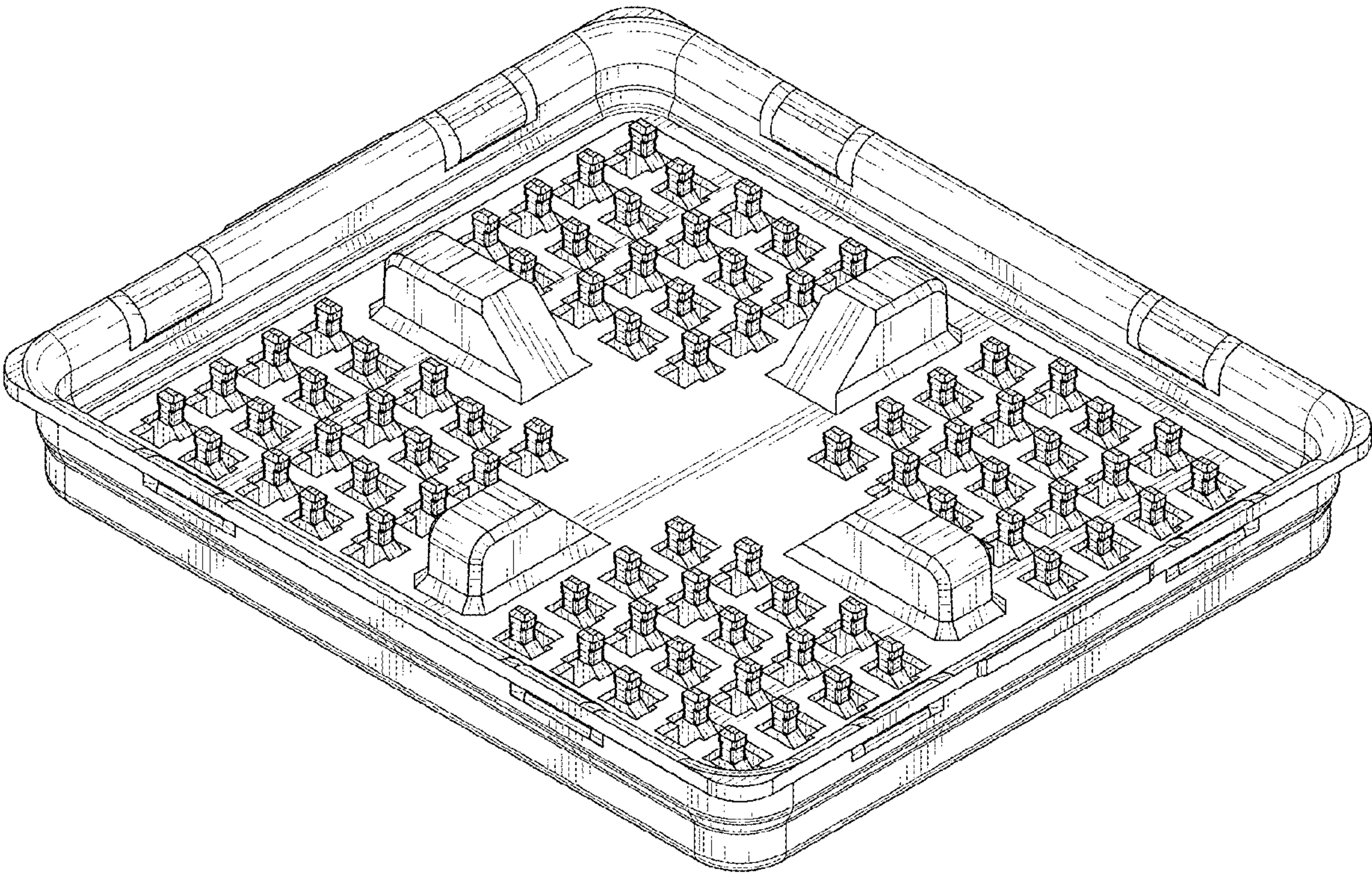


FIG. 7

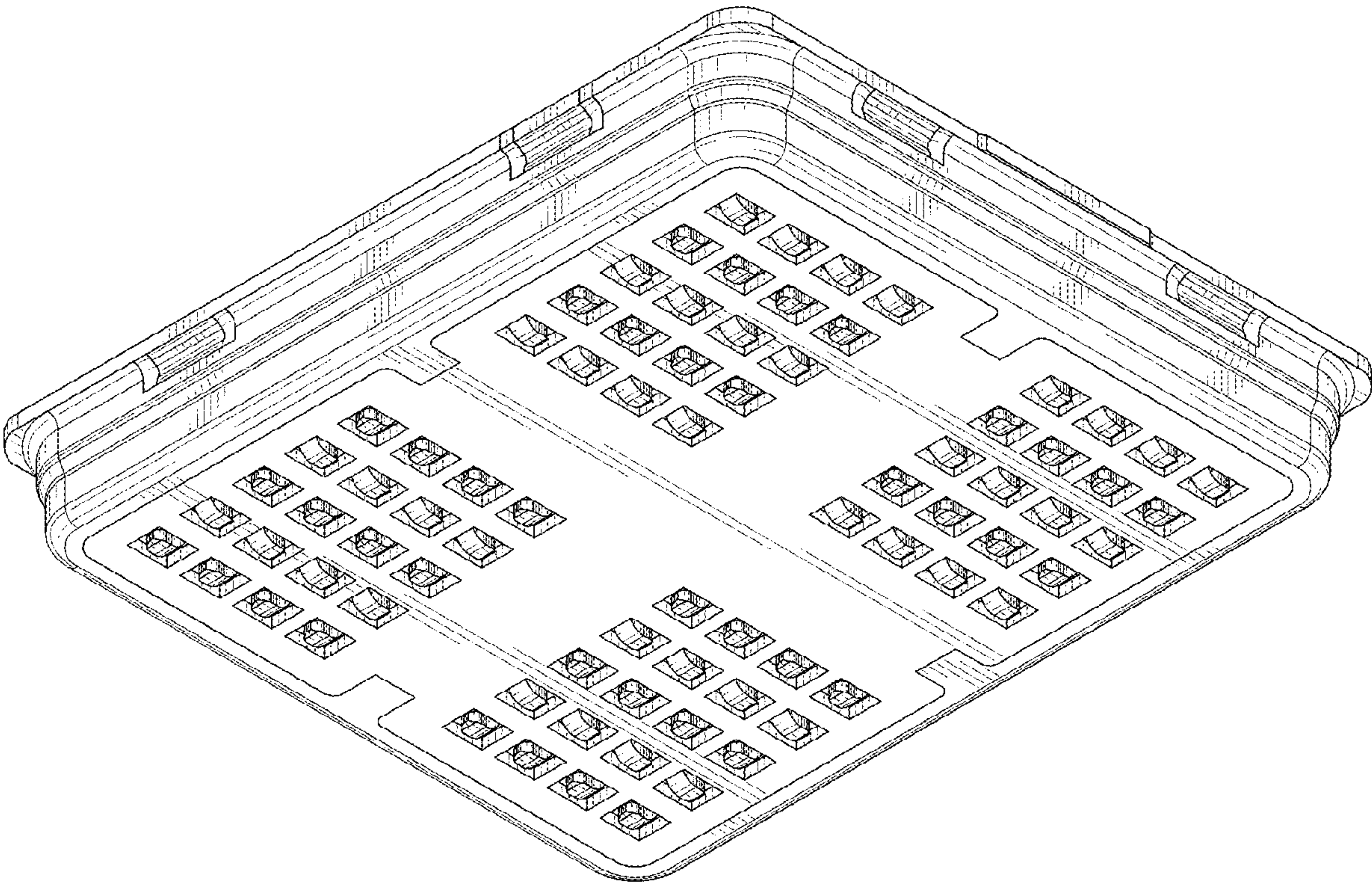


FIG. 8

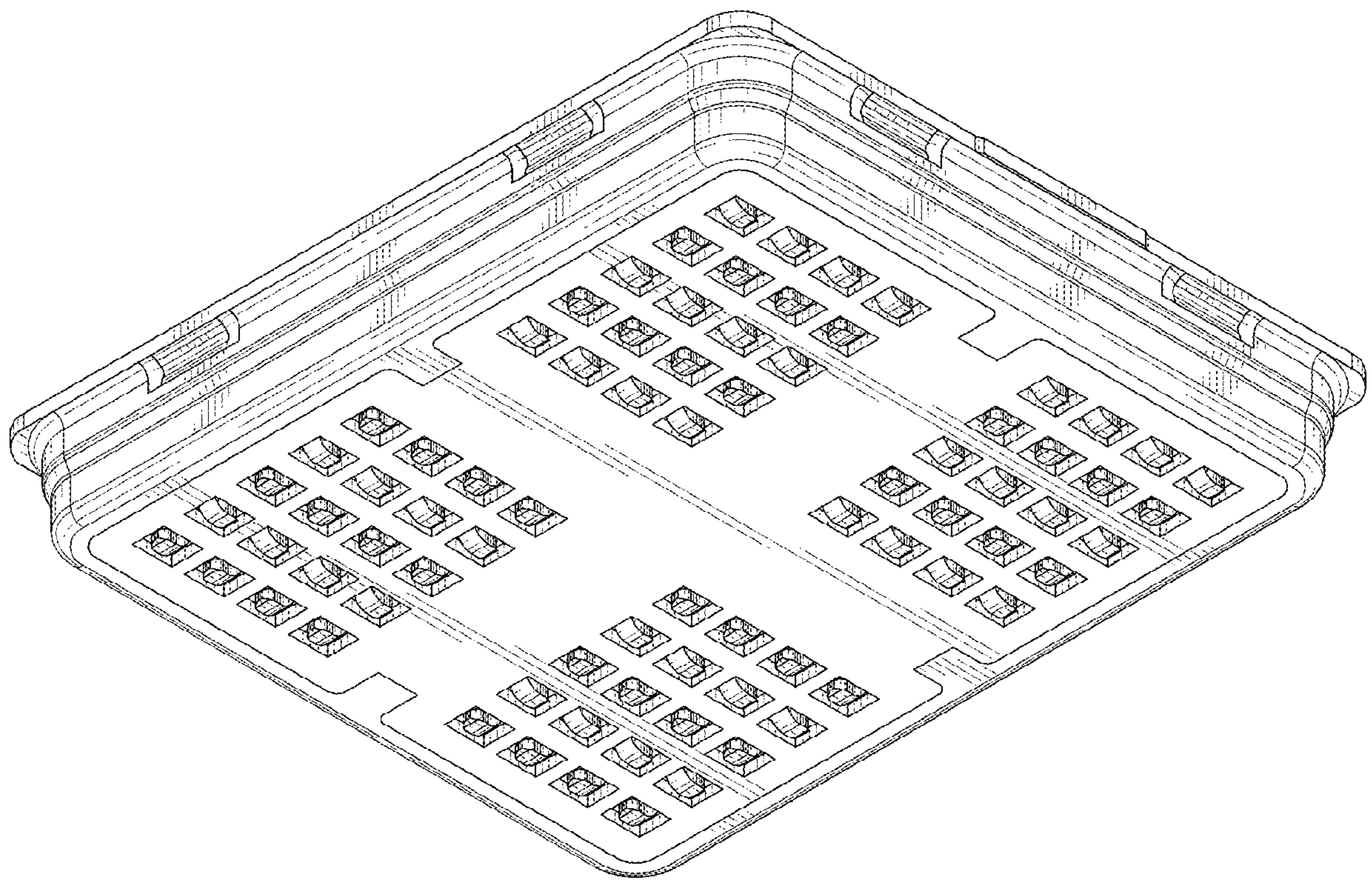


FIG. 9

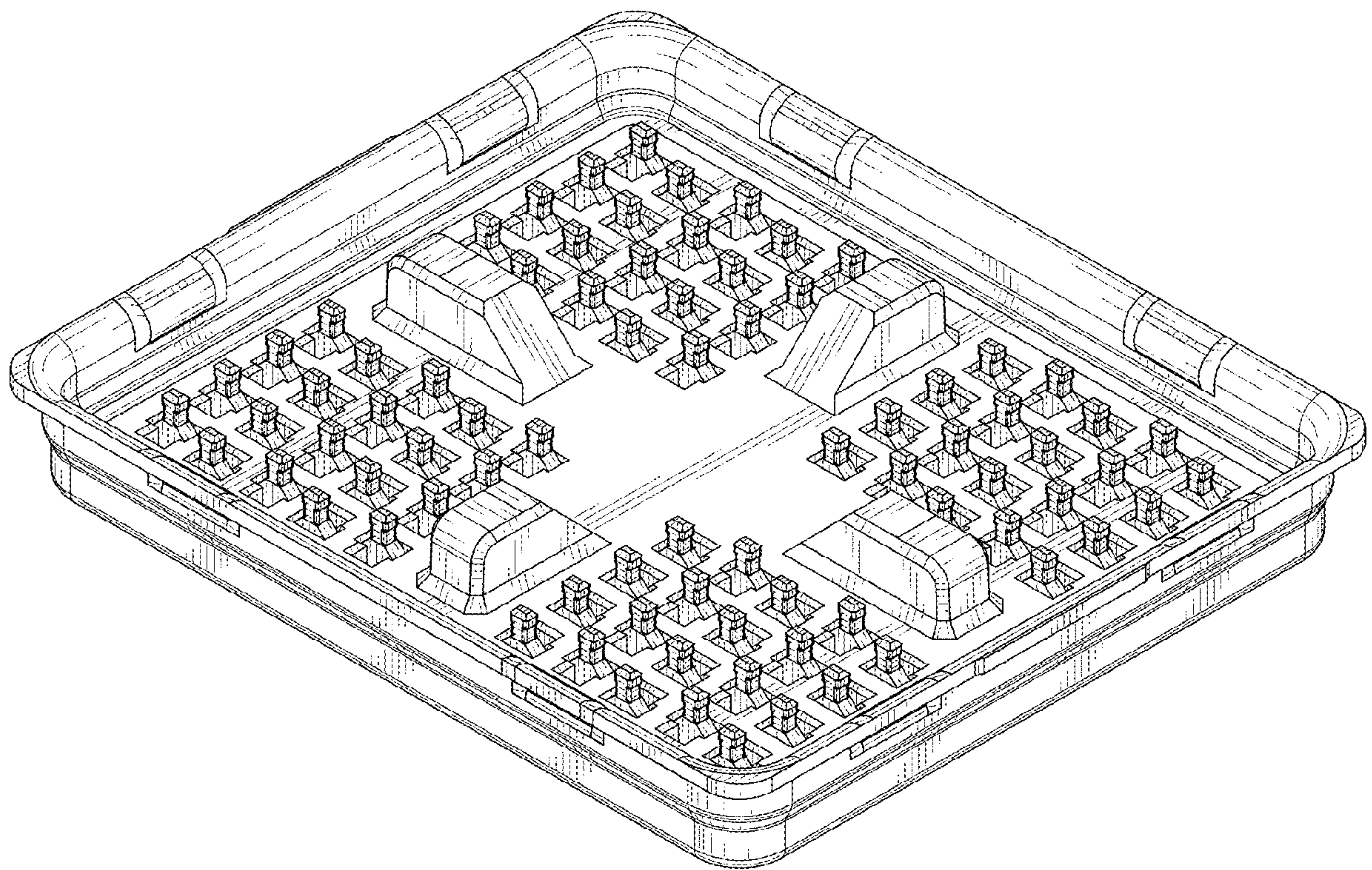


FIG. 10