



US00D964948S

(12) **United States Design Patent**
Chuang et al.

(10) **Patent No.:** **US D964,948 S**
(45) **Date of Patent:** **** Sep. 27, 2022**

(54) **UPPER COVER FOR AN ULTRAVIOLET LIGHT RETICLE TRANSFER BOX**

D473,523 S * 4/2003 Garver D13/156
7,477,358 B2 * 1/2009 Phillips G03F 7/70741
355/75

(71) Applicant: **GUDENG PRECISION INDUSTRIAL CO., LTD.,** New Taipei (TW)

7,607,543 B2 * 10/2009 Gregerson G03F 7/70741
355/75

(72) Inventors: **Chia-Ho Chuang,** New Taipei (TW);
Hsin-Min Hsueh, New Taipei (TW);
Ming-Chien Chiu, New Taipei (TW)

8,231,005 B2 * 7/2012 Kolbow H01L 21/67353
206/723

(73) Assignee: **GUDENG PRECISION INDUSTRIAL CO., LTD.,** New Taipei (TW)

D712,364 S * 9/2014 Lu D13/182
D732,482 S * 6/2015 Hagarty D13/156
D807,303 S * 1/2018 Newell D13/156
D917,402 S * 4/2021 Wu D14/440
2003/0218728 A1 * 11/2003 del Puerto H01L 21/67359
355/75
2007/0206173 A1 * 9/2007 Suzuki H01L 21/67359
355/75

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

(Continued)

(21) Appl. No.: **29/711,295**

Primary Examiner — Elizabeth J Oswecki

(22) Filed: **Oct. 30, 2019**

(74) *Attorney, Agent, or Firm* — Schmeiser, Olsen & Watts, LLP

(30) **Foreign Application Priority Data**

Aug. 2, 2019 (TW) 108304629

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

(52) **U.S. Cl.**
USPC **D13/184**

(58) **Field of Classification Search**

USPC D13/101, 110, 118, 123, 133, 154, 156,
D13/173, 182, 184, 199; D15/144, 144.1
CPC G05B 9/00; G05B 9/02; G06F 1/18; G06F
1/181; G06F 1/26; H05K 7/00; H05K
7/1464; H02B 1/26; H02B 1/28; H02B
1/30; H02B 1/301; H02B 1/306; H02B
1/38; H02B 1/44; G03F 7/70741; G03F
7/708; G03F 7/70808; G03F 7/20; G03B
27/54; G03B 27/58; G03B 27/6228;
G03B 27/42; G03B 27/48

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D240,232 S * 6/1976 Bunnell D14/256
D240,235 S * 6/1976 Bunnell D14/256

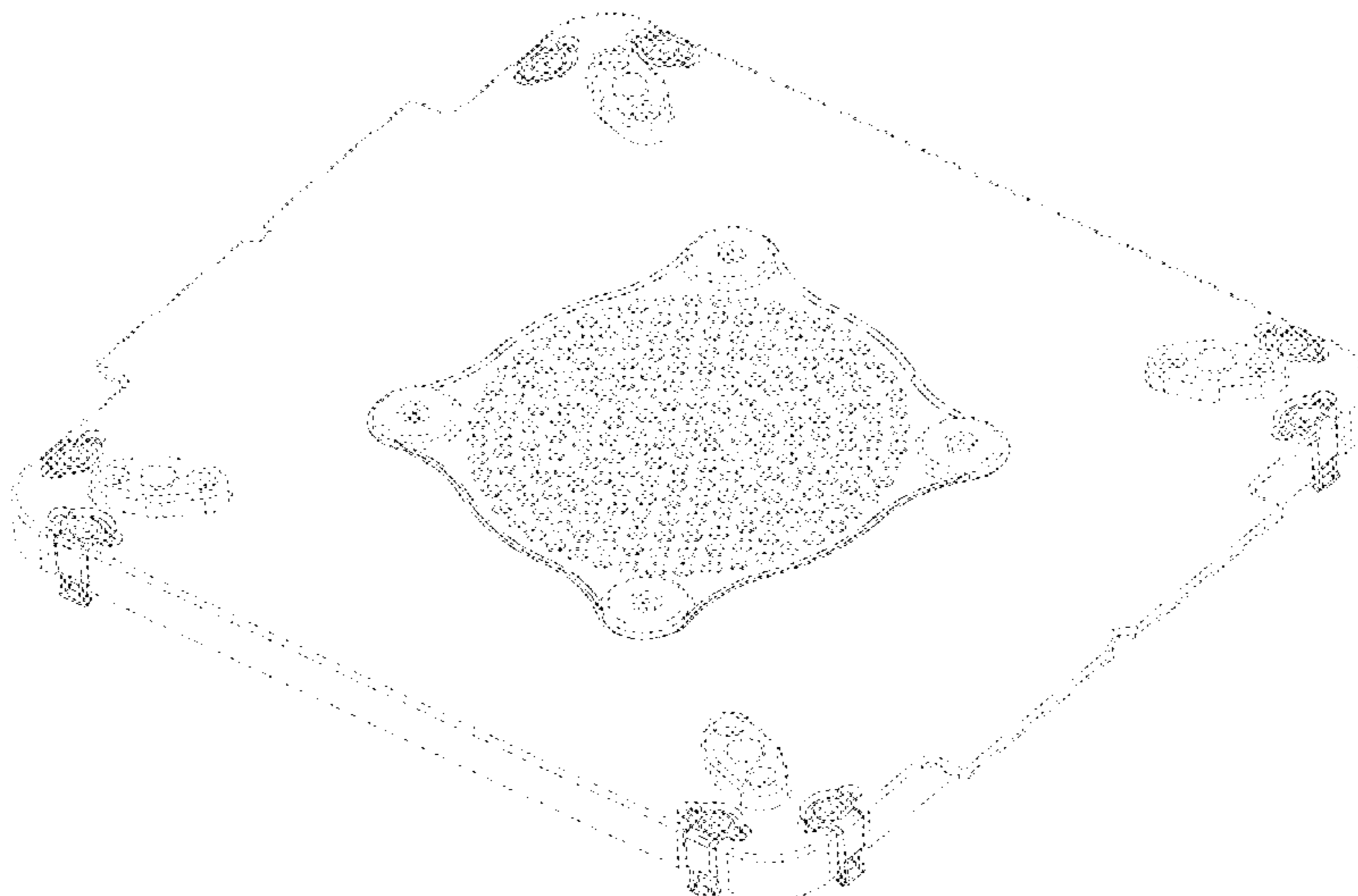
(57) **CLAIM**

The ornamental design for an upper cover for an ultraviolet light reticle transfer box, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an upper cover for an ultraviolet light reticle transfer box showing our new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a left side elevation view thereof; FIG. 5 is a right side elevation 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 broken lines shown represent unclaimed subject matter and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2012/0037522 A1* 2/2012 Chiu H01L 21/67359
206/316.1
2018/0102269 A1* 4/2018 Liu H01L 21/67359
2019/0214287 A1* 7/2019 Chiu H01L 21/67359
2020/0249563 A1* 8/2020 Hsueh H01L 21/67353
2020/0335362 A1* 10/2020 Pan H01L 21/67353
2021/0013076 A1* 1/2021 Chiu H01L 21/67766
2021/0033989 A1* 2/2021 Chuang G03F 7/7075
2021/0116821 A1* 4/2021 Chuang G03F 7/70741

* cited by examiner

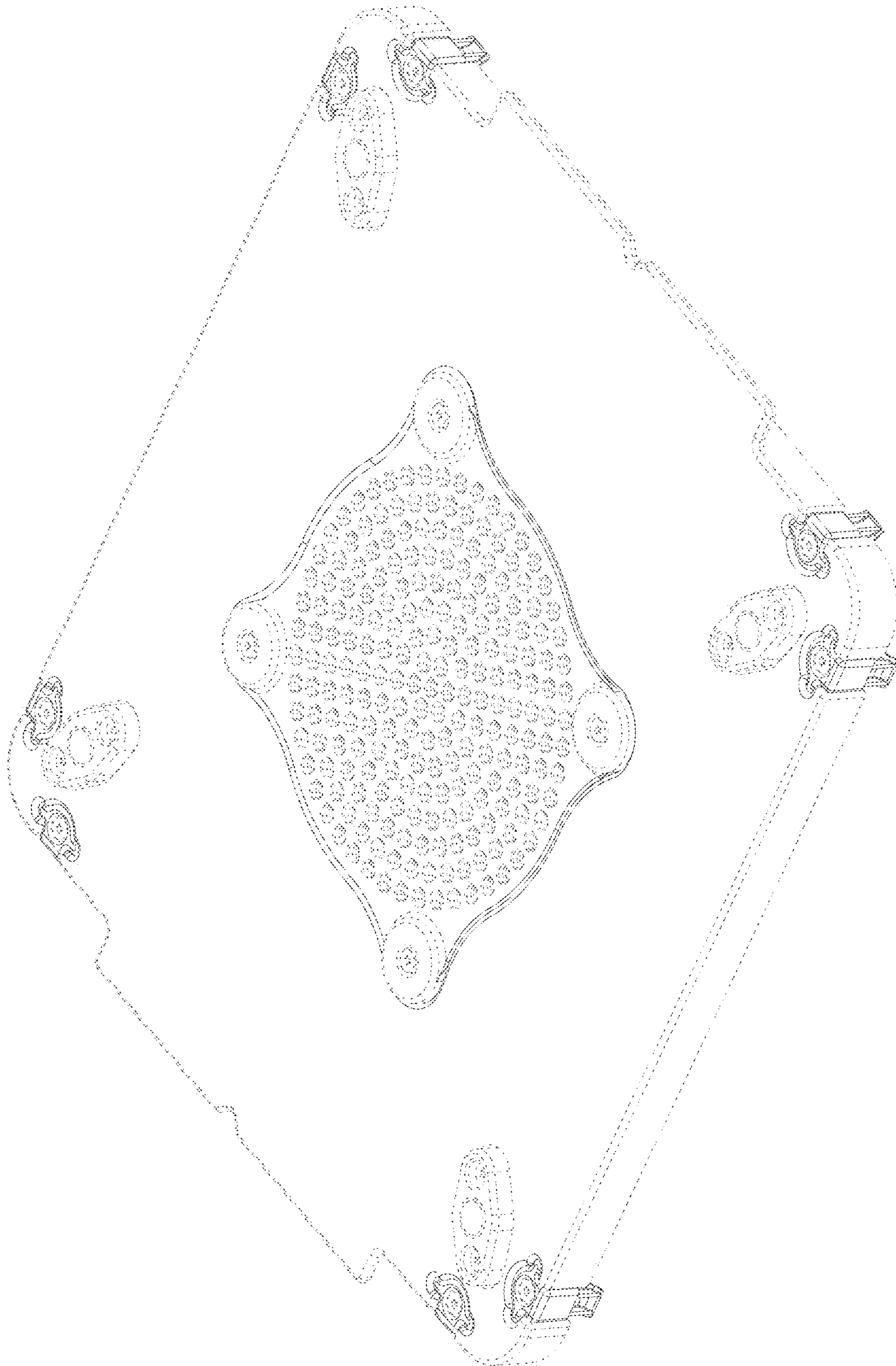


FIG. 1

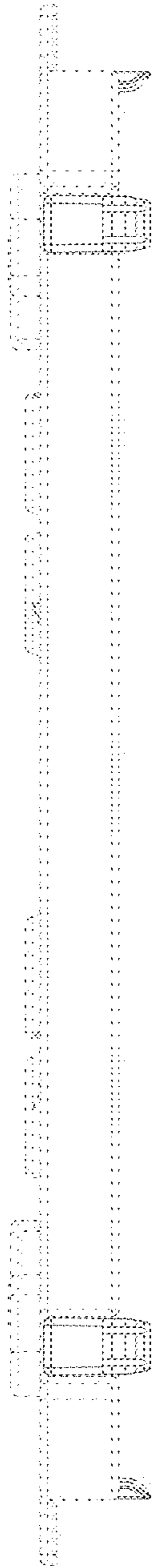


FIG. 2

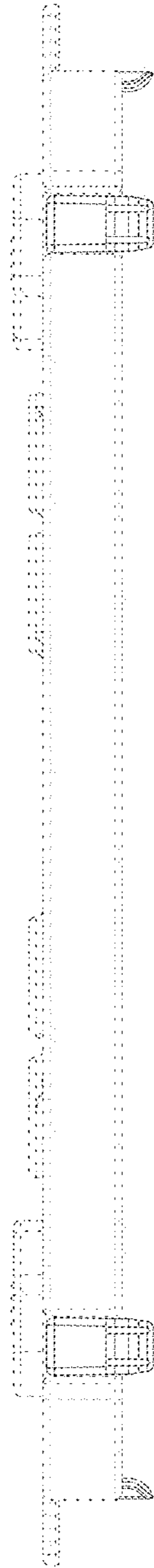


FIG. 3

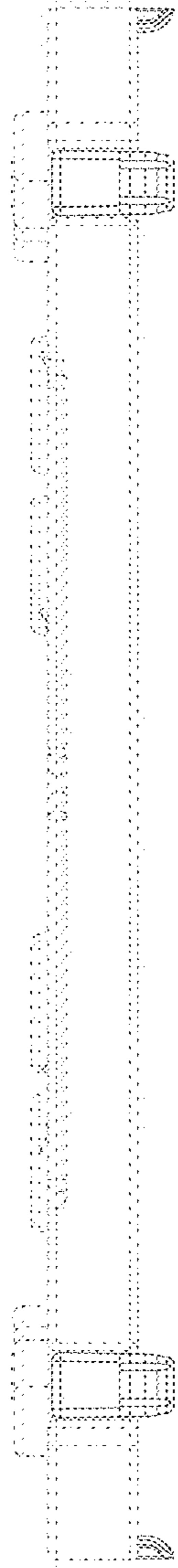


FIG. 4

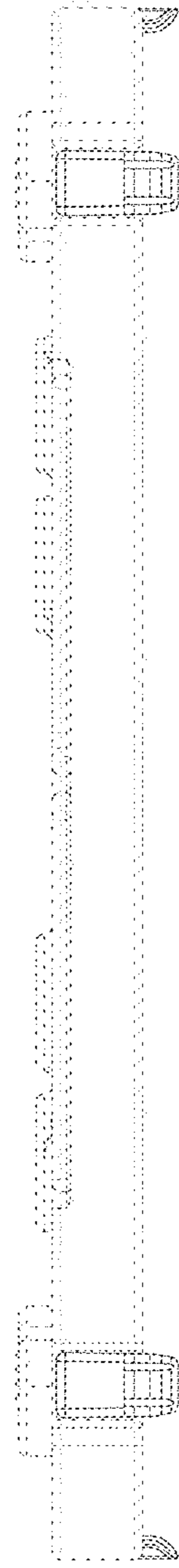


FIG. 5

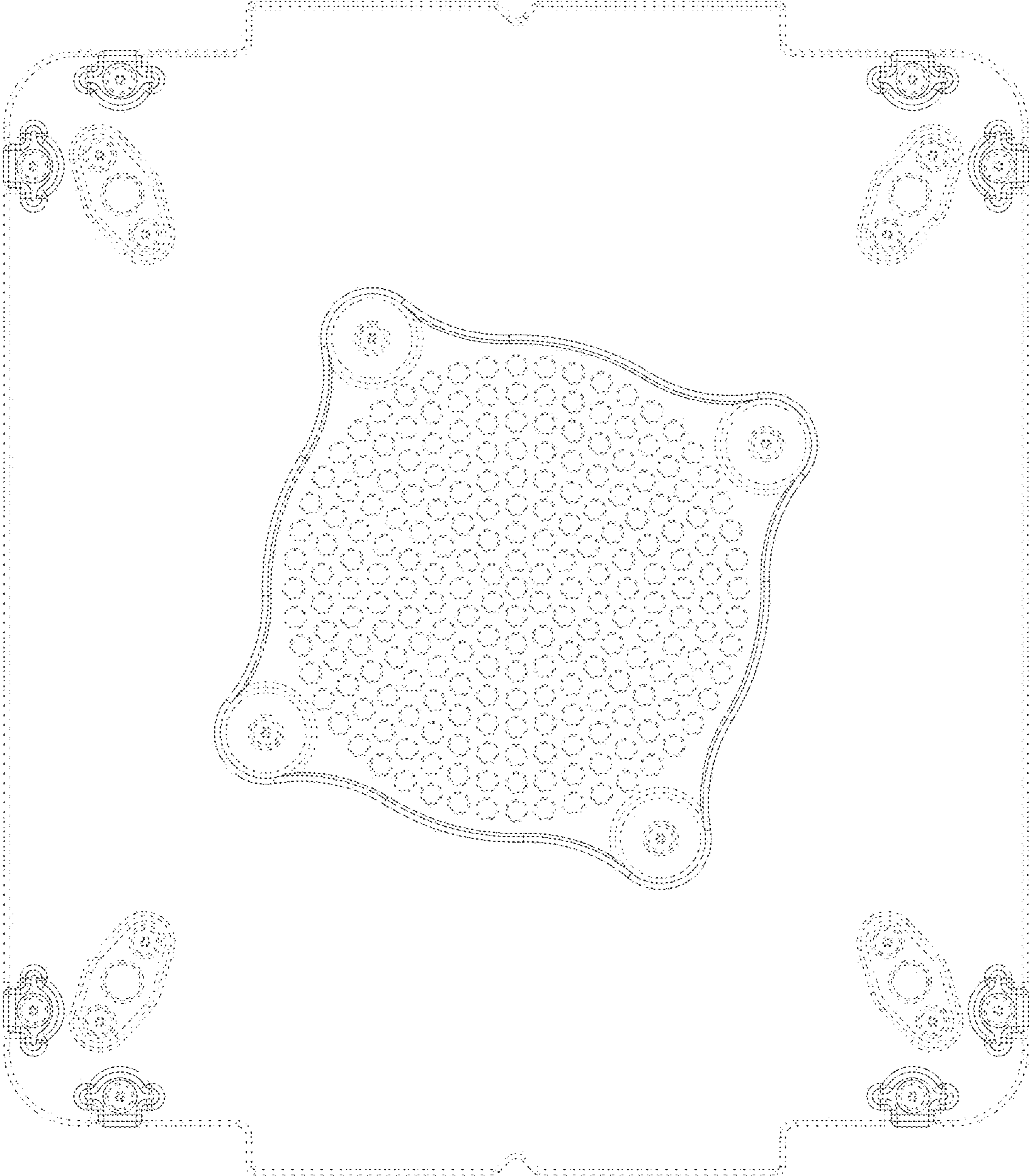


FIG. 6

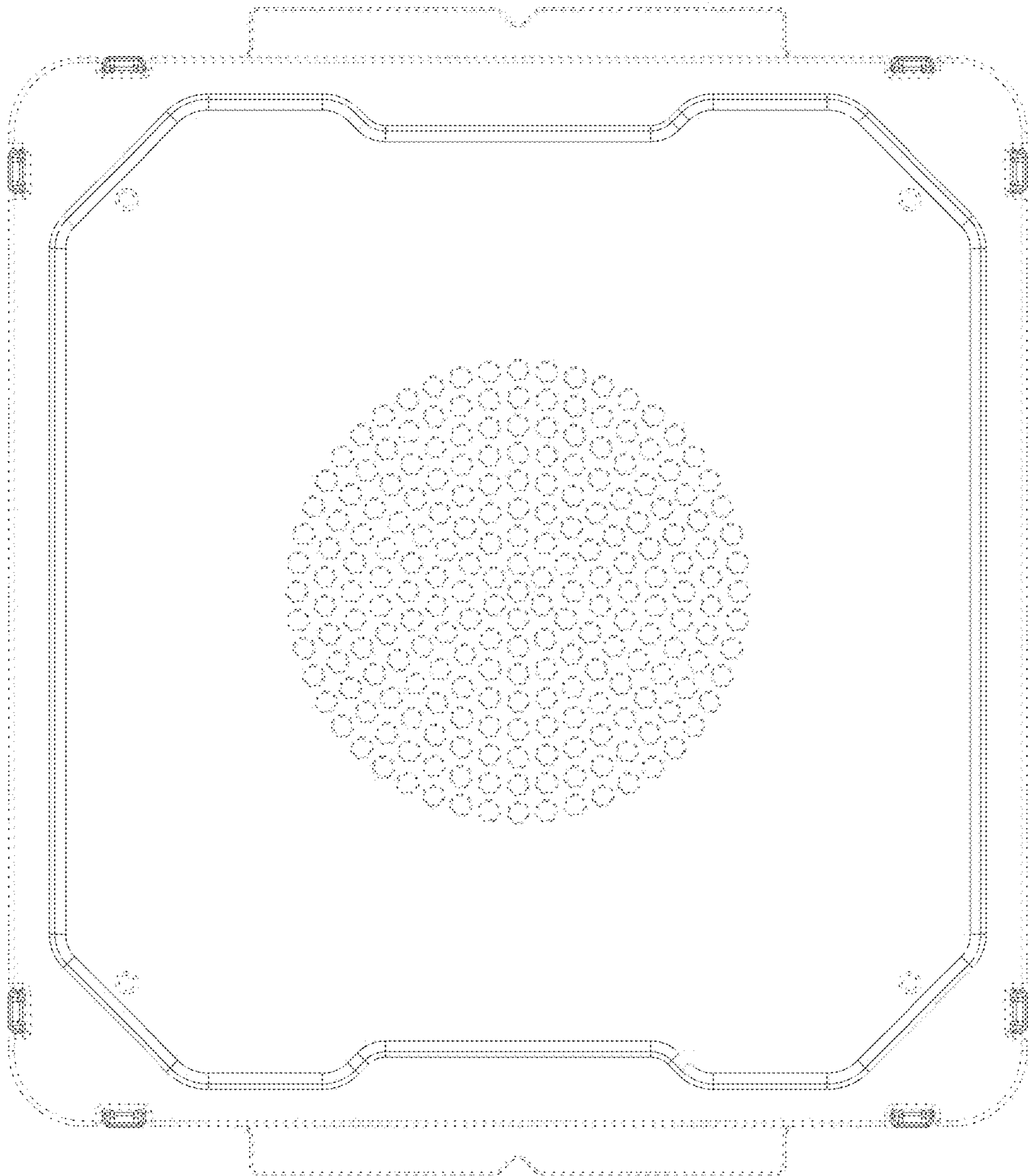


FIG. 7

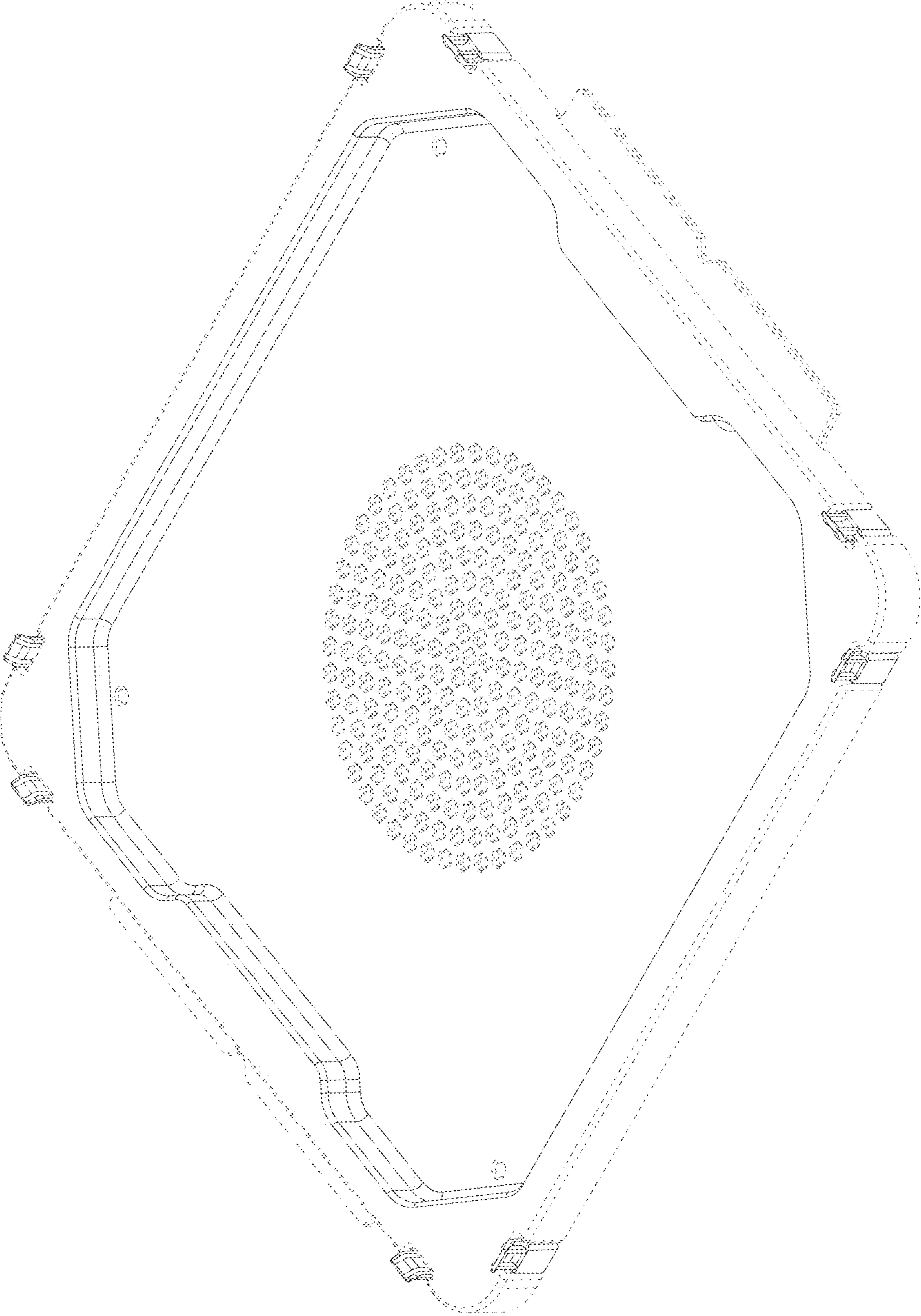


FIG. 8