



US00D891954S

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

(10) **Patent No.:** **US D891,954 S**
(45) **Date of Patent:** ** Aug. 4, 2020

(54) **PLANT DETECTOR**

- (71) Applicant: **Trimble Inc.**, Sunnyvale, CA (US)
- (72) Inventors: **Melissa Ruzzi**, Sunnyvale, CA (US); **Kenneth S. Bradley**, Mountain View, CA (US); **James G. Quaderer**, Sunnyvale, CA (US); **Daniel Rodriguez**, Sunnyvale, CA (US); **Chao Y. Lee**, Fremont, CA (US); **Kenneth R. Agur**, San Jose, CA (US)
- (73) Assignee: **Trimble Inc.**, Sunnyvale, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/682,351**
- (22) Filed: **Mar. 4, 2019**
- (51) LOC (12) Cl. **10-04**
- (52) U.S. Cl.
USPC **D10/70**; D10/46; D10/81
- (58) **Field of Classification Search**
USPC D10/46, 70, 81
CPC A01M 21/043; A01M 7/0089; G06T 1/20;
G06T 2207/10028; G06T 2207/10024;
G06K 9/627; G06K 9/52; G06K 9/00986;
B05B 12/122; B05B 12/02

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

- 5,768,823 A * 6/1998 Nelson G01S 7/539
47/1.7
2020/0064190 A1 * 2/2020 Quaderer A01M 21/00

* cited by examiner

Primary Examiner — Antoine Duval Davis

(74) *Attorney, Agent, or Firm* — Kilpatrick Townsend & Stockton LLP

(57) **CLAIM**

The ornamental design for plant detector, as shown and described.

DESCRIPTION

FIG. 1 is a front, right side perspective view of a plant detector showing our new design;

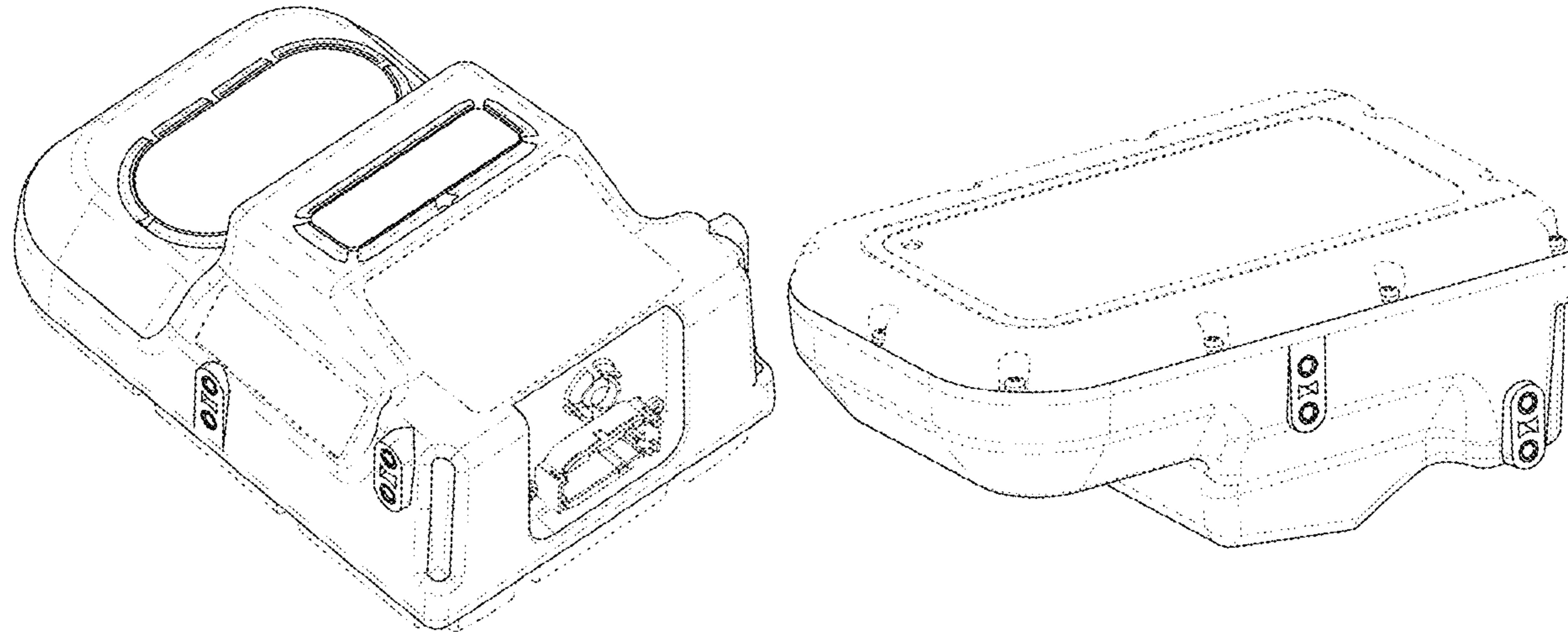
FIG. 2 is a back, left side perspective view thereof;

FIG. 3 is a back elevation view thereof;

FIG. 4 is a left side elevation view thereof; and,

FIG. 5 is a bottom plan view thereof.

1 Claim, 5 Drawing Sheets



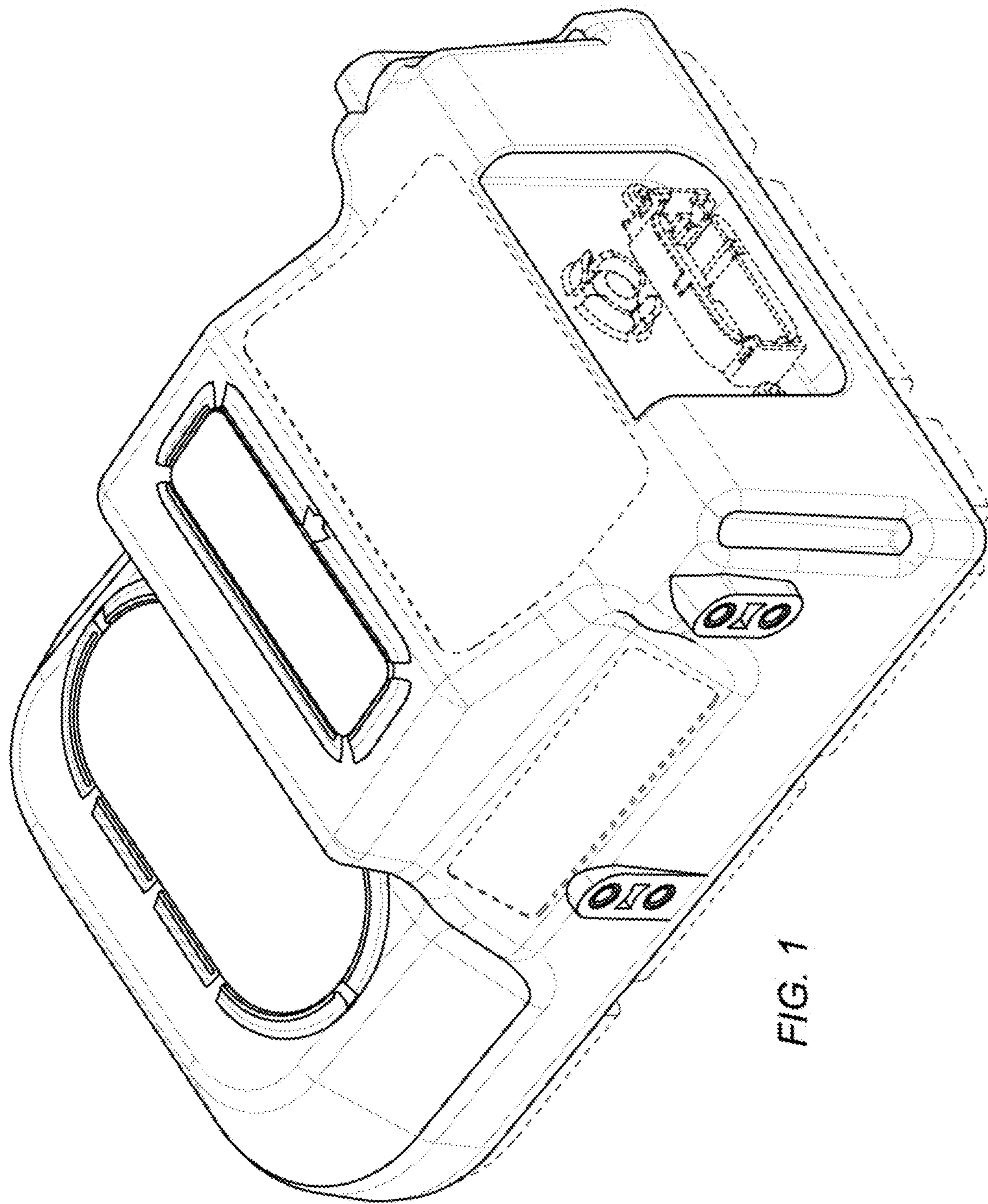


FIG. 1

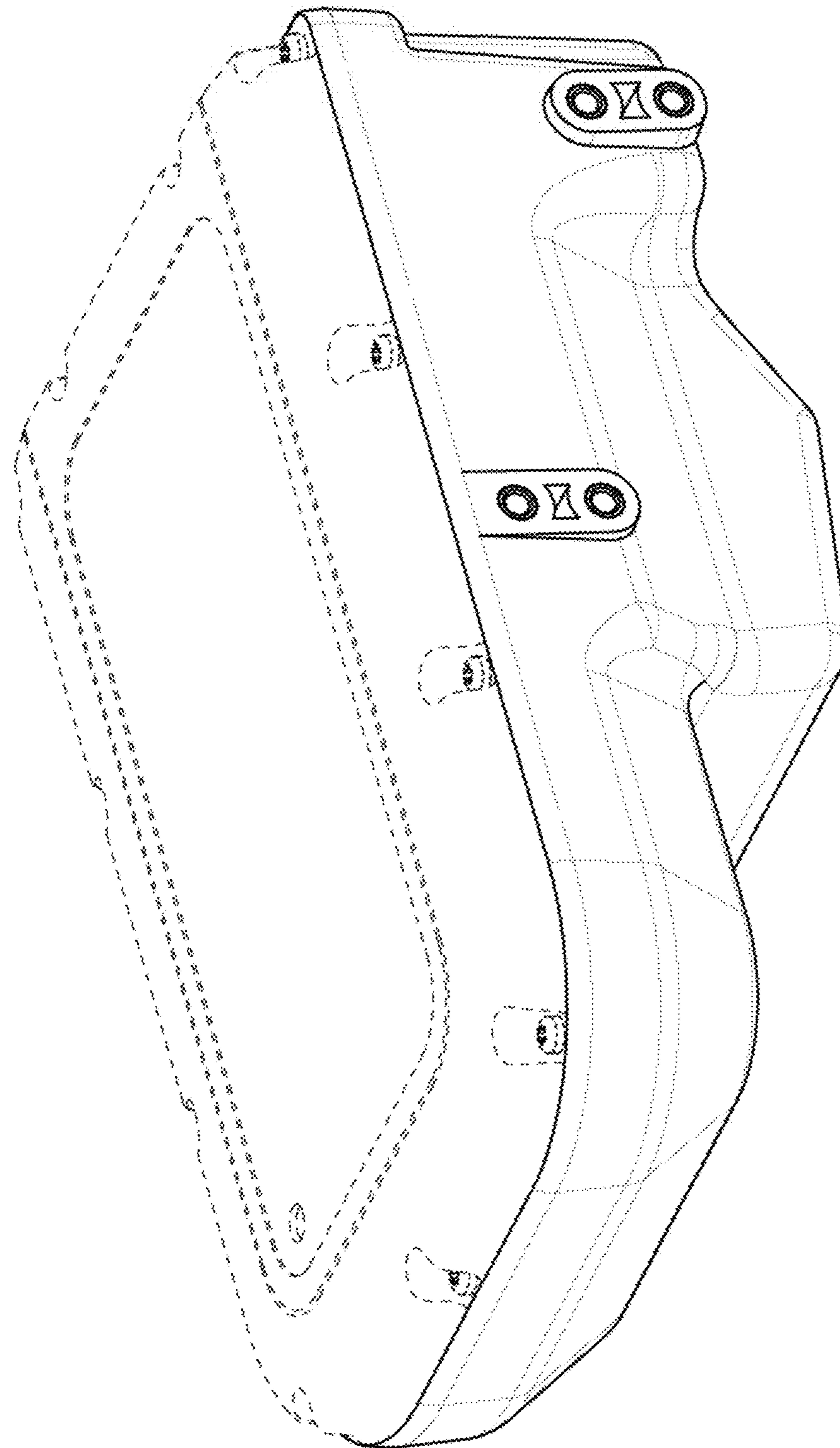


FIG. 2

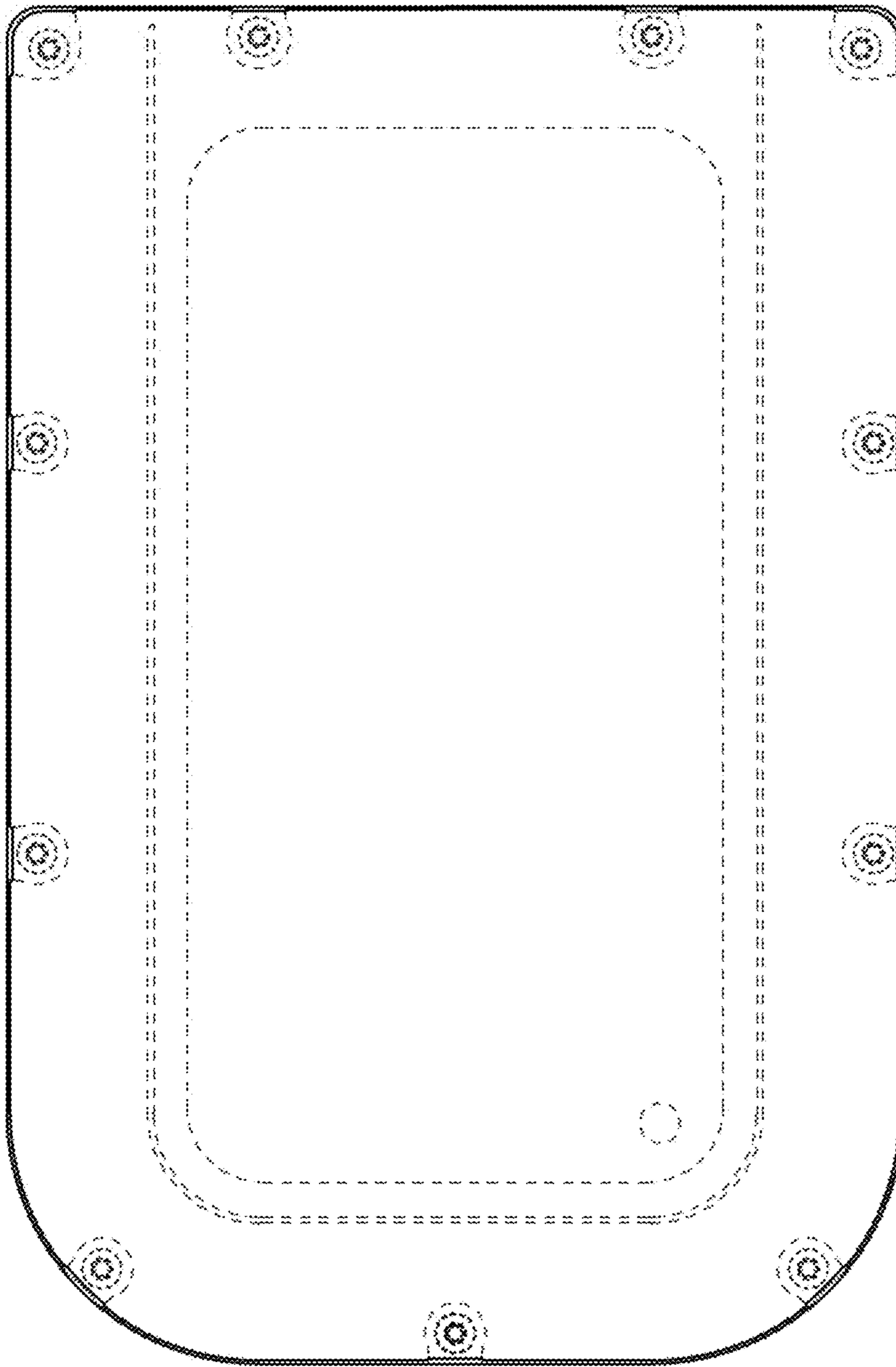


FIG. 3

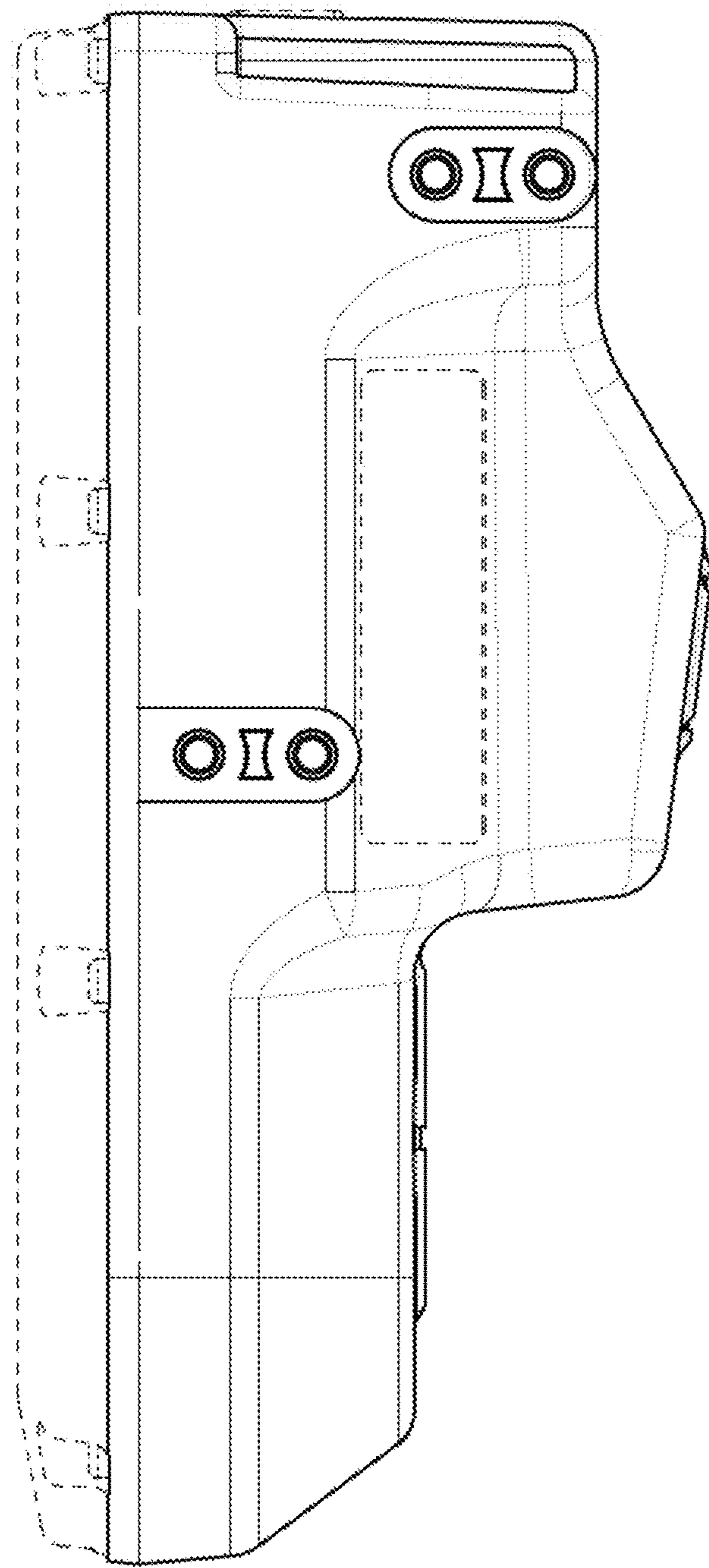


FIG. 4

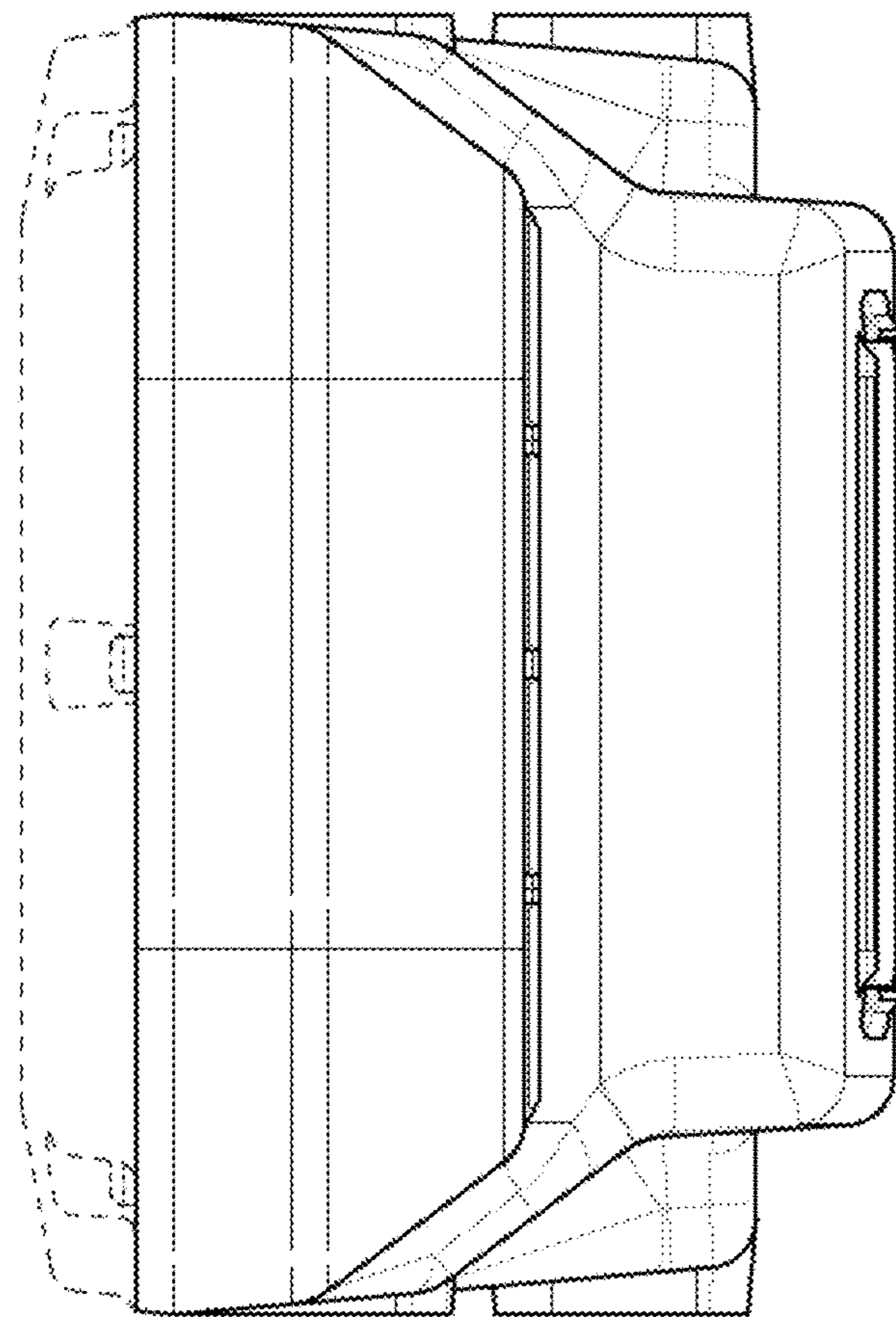


FIG. 5