



US00D882433S

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

(10) **Patent No.:** **US D882,433 S**
(45) **Date of Patent:** **** Apr. 28, 2020**

(54) **NOISE AND VIBRATION SENSOR**

(71) Applicant: **KP Acoustics Ltd.**, Suffolk (GB)
(72) Inventor: **Kyriakos Papanagioutou**, Suffolk (GB)
(73) Assignee: **KP Enview Ltd.**, Haverhill (GB)
(**) Term: **15 Years**
(21) Appl. No.: **29/671,348**

(22) Filed: **Nov. 27, 2018**

(30) **Foreign Application Priority Data**

Nov. 23, 2018 (EM) 005833688
(51) **LOC (12) Cl.** **10-04**
(52) **U.S. Cl.**
USPC **D10/83**
(58) **Field of Classification Search**
USPC D10/83-85

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

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* cited by examiner

Primary Examiner — Antoine Duval Davis

(57) **CLAIM**

The ornamental design for a noise and vibration sensor, as shown and described.

DESCRIPTION

The application file contains at least one drawing executed in color. Copies of this patent or patent application publi-

cation with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a perspective view of a sensor in one form of the ornamental design;

FIG. 2 is a front view of the sensor of FIG. 1;

FIG. 3 is a left side view of the sensor of FIG. 1;

FIG. 4 is a rear view of the sensor of FIG. 1;

FIG. 5 is right side view of the sensor of FIG. 1;

FIG. 6 is a top view of the sensor of FIG. 1;

FIG. 7 is a bottom view of the sensor of FIG. 1;

FIG. 8 is a right side perspective view of a sensor in another form of the ornamental design;

FIG. 9 is a front perspective view of the sensor of FIG. 8;

FIG. 10 is a left side perspective view of the sensor of FIG. 8;

FIG. 11 is a rear perspective view of the sensor of FIG. 8;

FIG. 12 is a bottom left side perspective view of the sensor of FIG. 8;

FIG. 13 is a bottom right side perspective view of the sensor of FIG. 8;

FIG. 14 is a right side perspective view of a sensor in another form of the ornamental design;

FIG. 15 is a front perspective view of the sensor of FIG. 14;

FIG. 16 is a left side perspective view of the sensor of FIG. 14;

FIG. 17 is a rear perspective view of the sensor of FIG. 14;

FIG. 18 is a bottom left side perspective view of the sensor of FIG. 14; and,

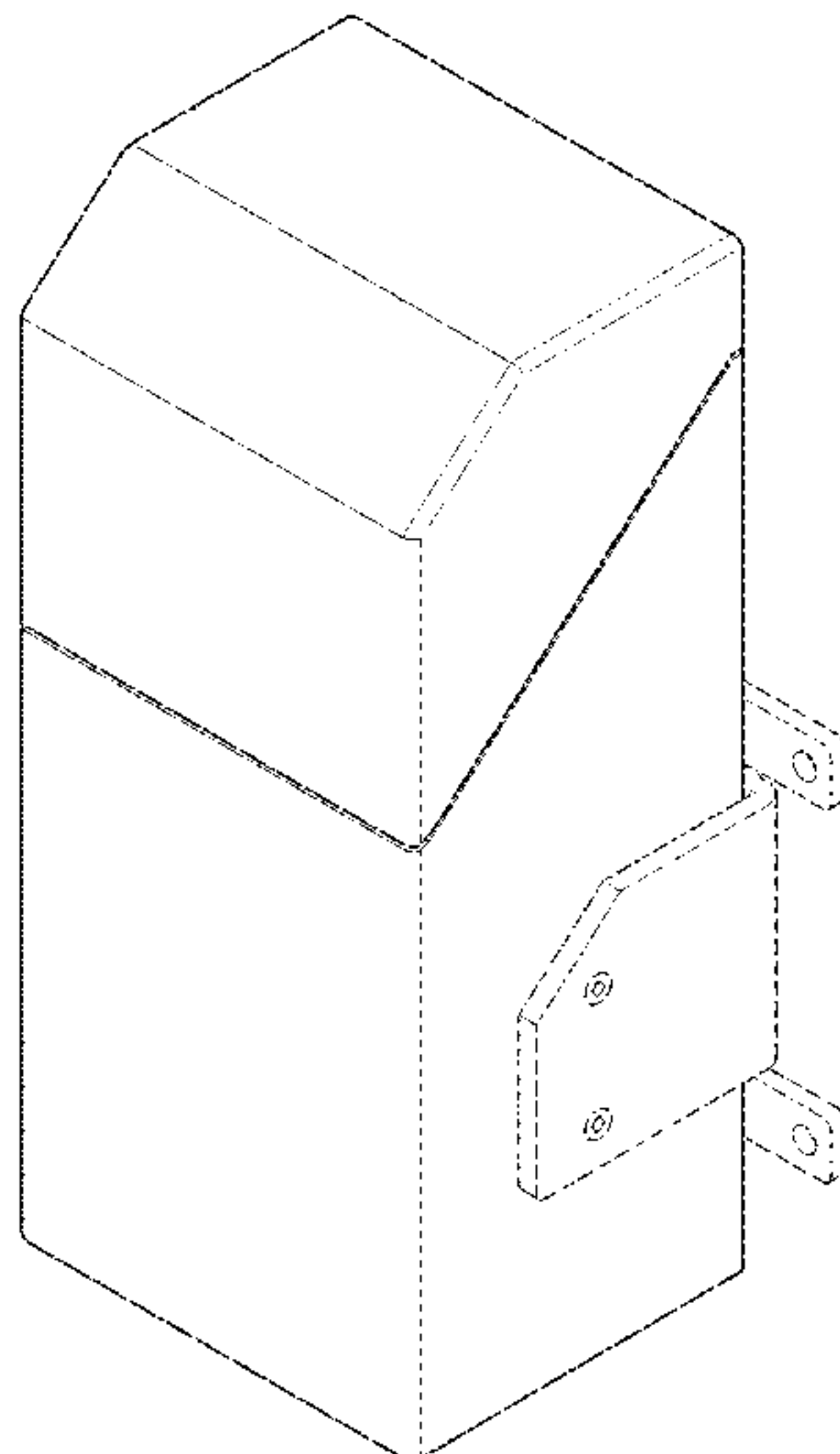
FIG. 19 is a bottom right side perspective view of the sensor of FIG. 14.

Dashed lines in the drawings denote features of the article that are included for the purpose of illustrating context, but form no part of the claimed design.

Features of the article shown within the boundary indicated by the red dashed lines in the drawings are included for the purpose of illustrating context, but form no part of the claimed design.

The eNView forming part of the claimed design is a registered trademark of KP Acoustics Limited, which is a related company to the applicant, KP Enview Limited.

1 Claim, 19 Drawing Sheets
(12 of 19 Drawing Sheet(s) Filed in Color)



(58) **Field of Classification Search**

CPC ... G01H 3/12; G01H 3/10; G01H 1/00; G06F
16/61; G06F 11/3093; G06F 11/3058;
G06F 11/3013; G08B 21/182; G08B
21/02; G01D 11/245; G01P 15/0802;
G10K 11/16

See application file for complete search history.

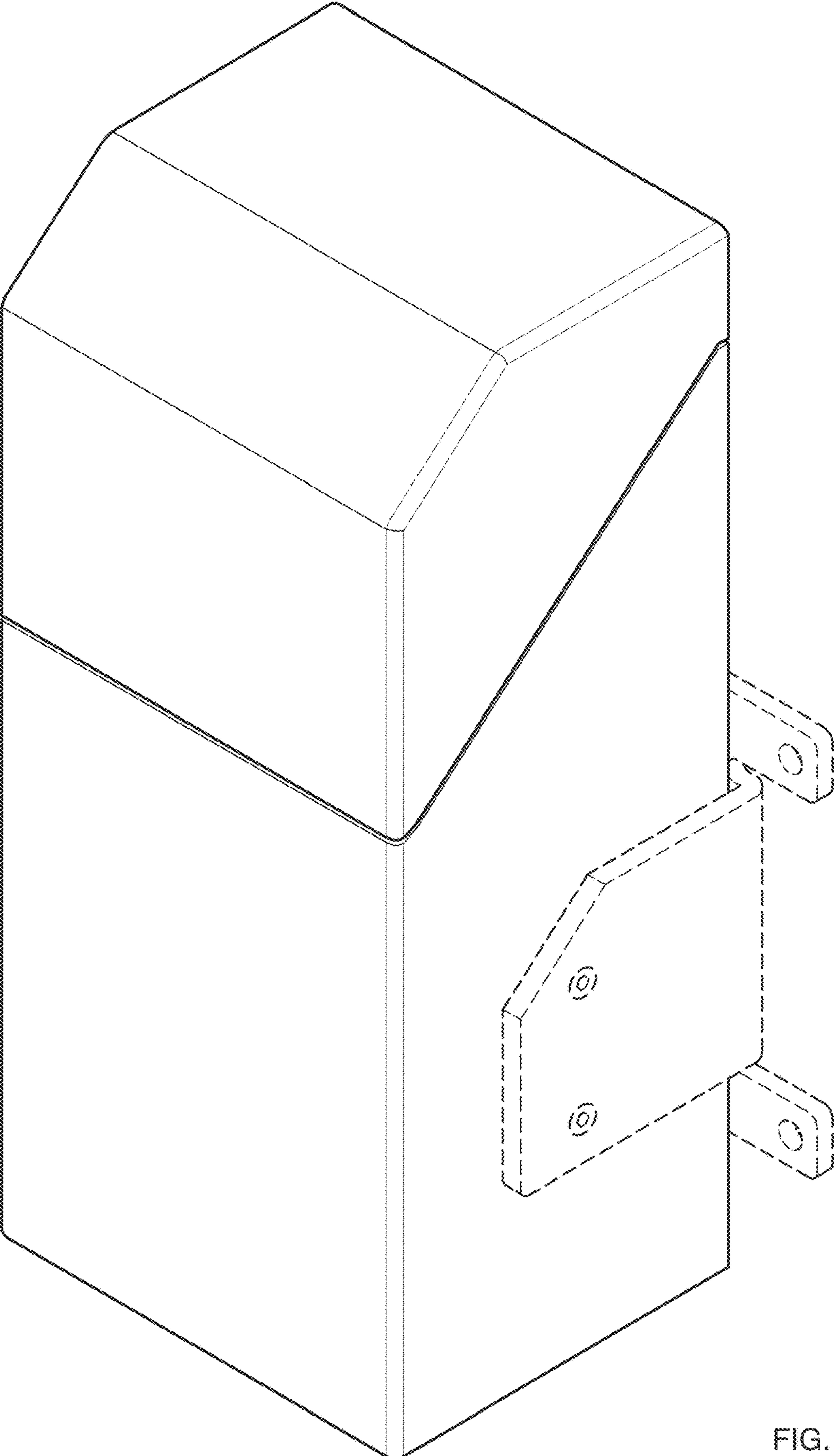


FIG. 1

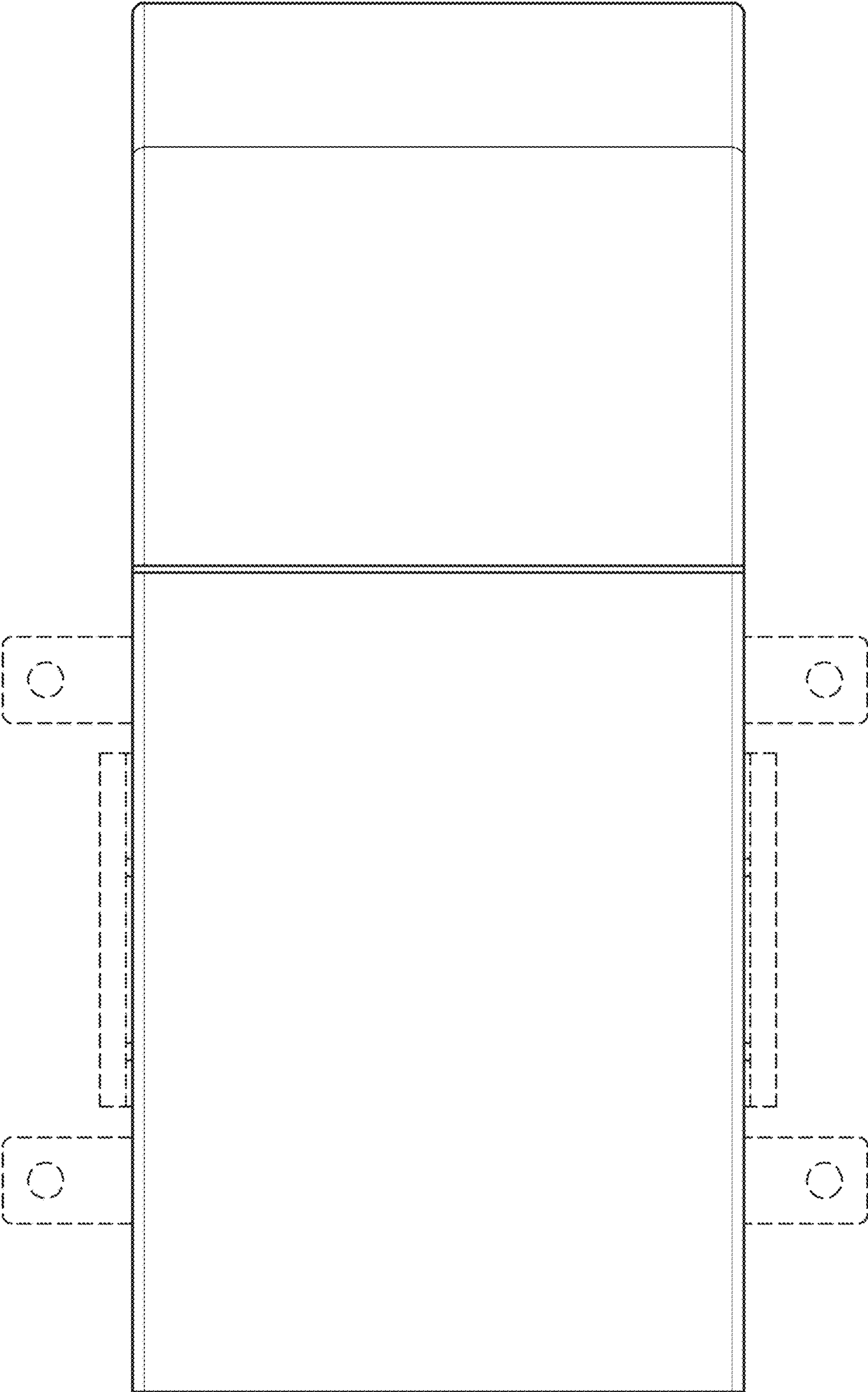


FIG. 2

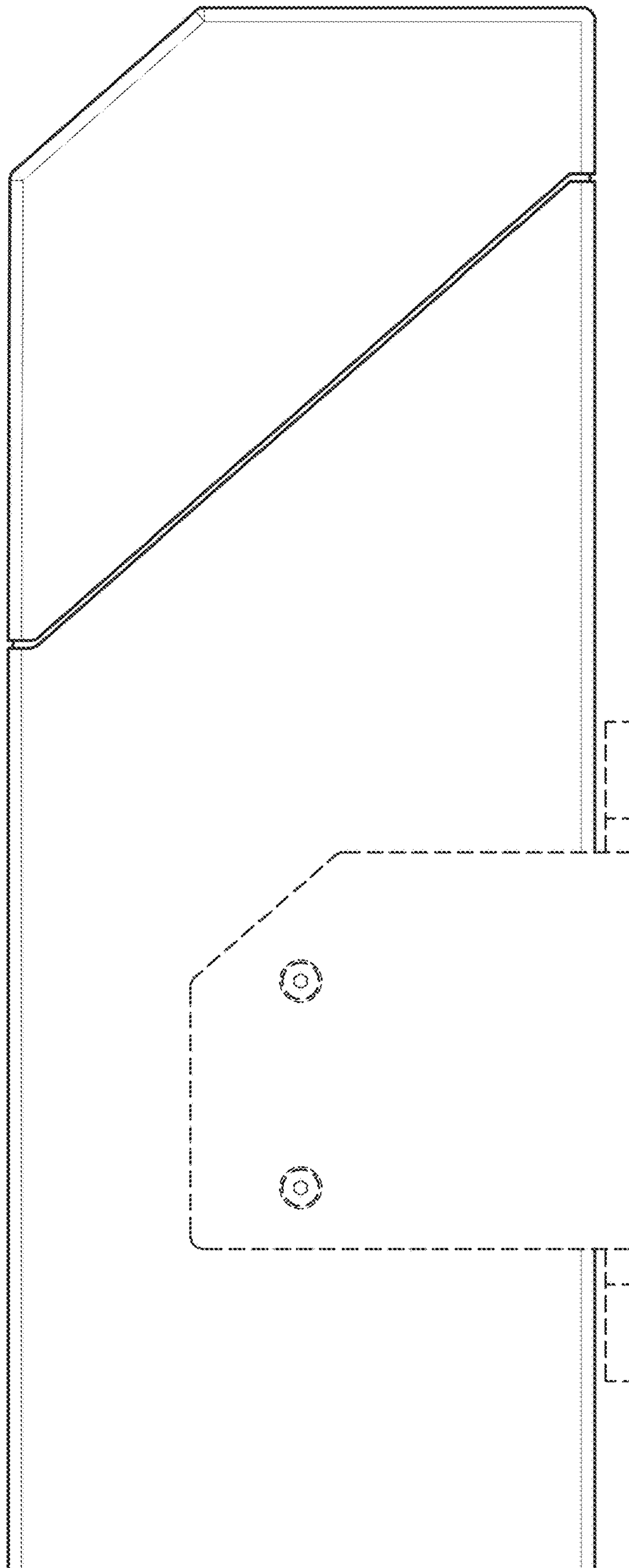


FIG. 3

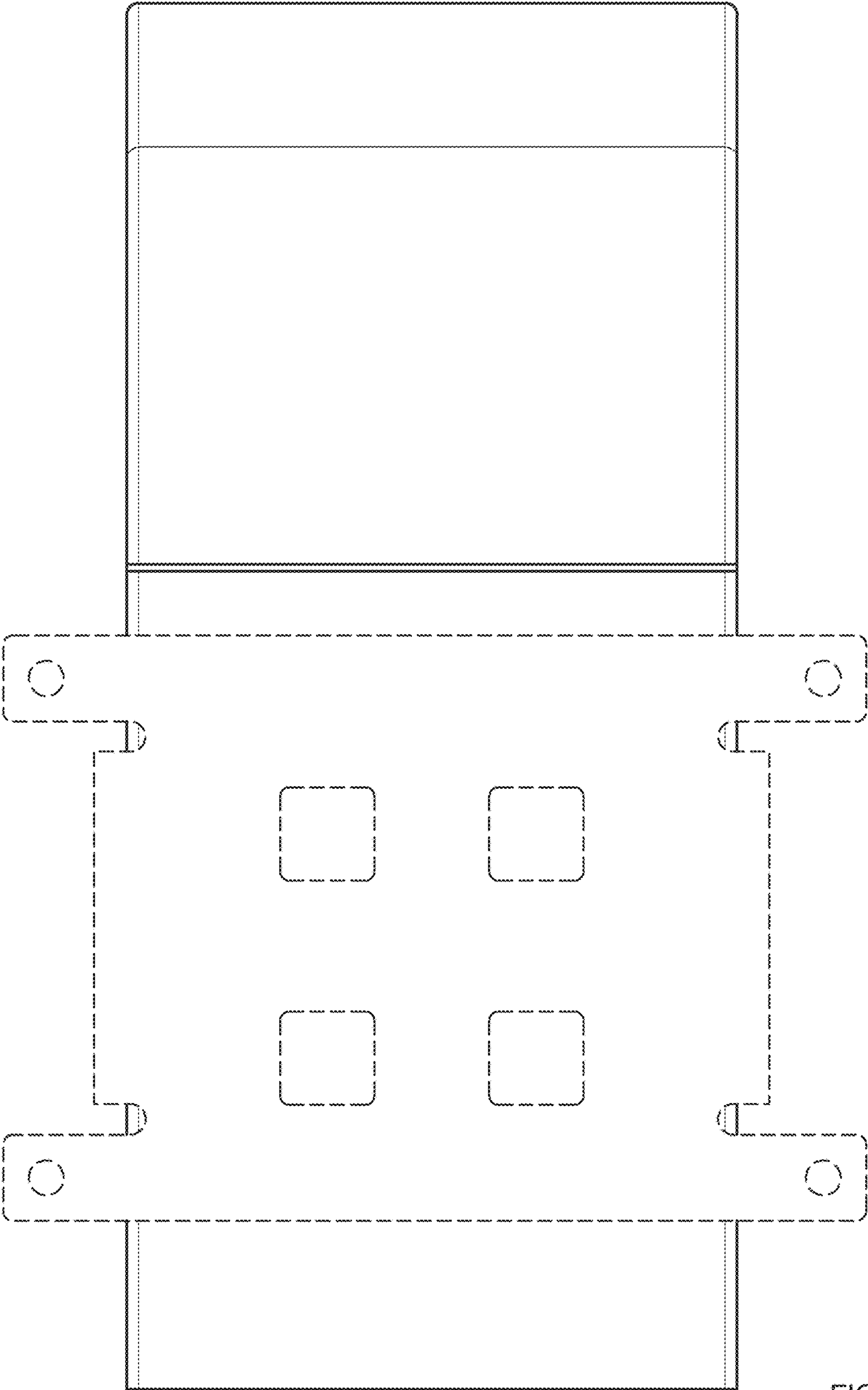


FIG. 4

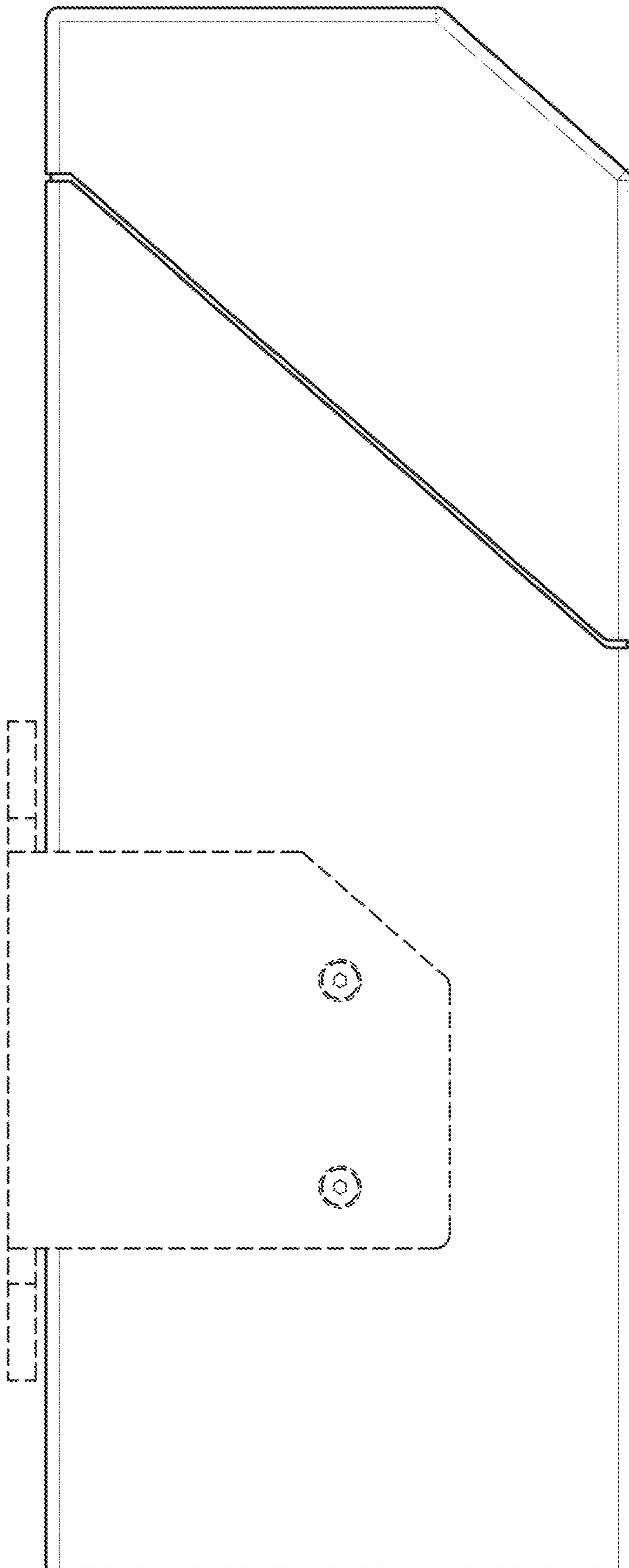


FIG. 5

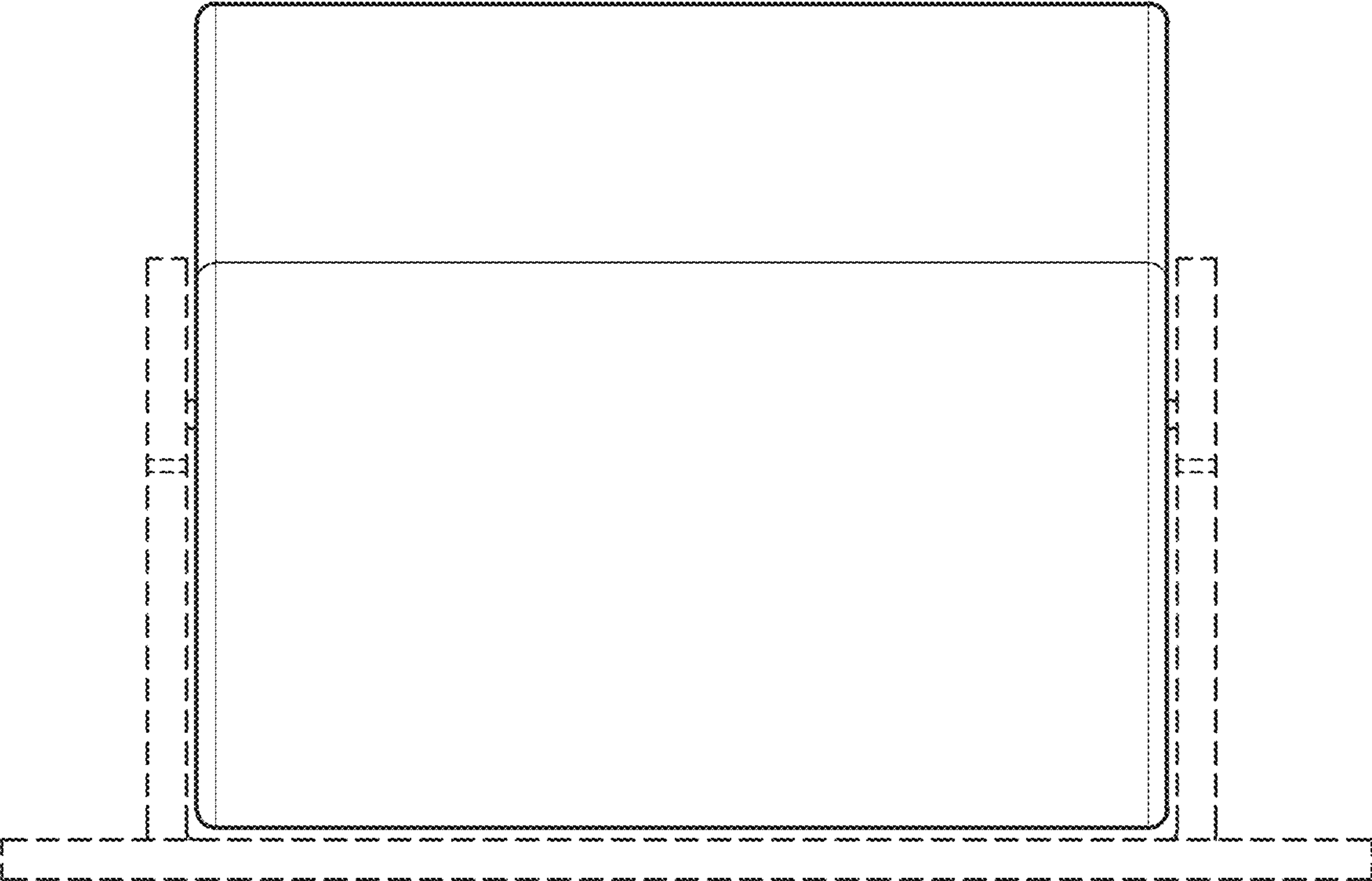


FIG. 6

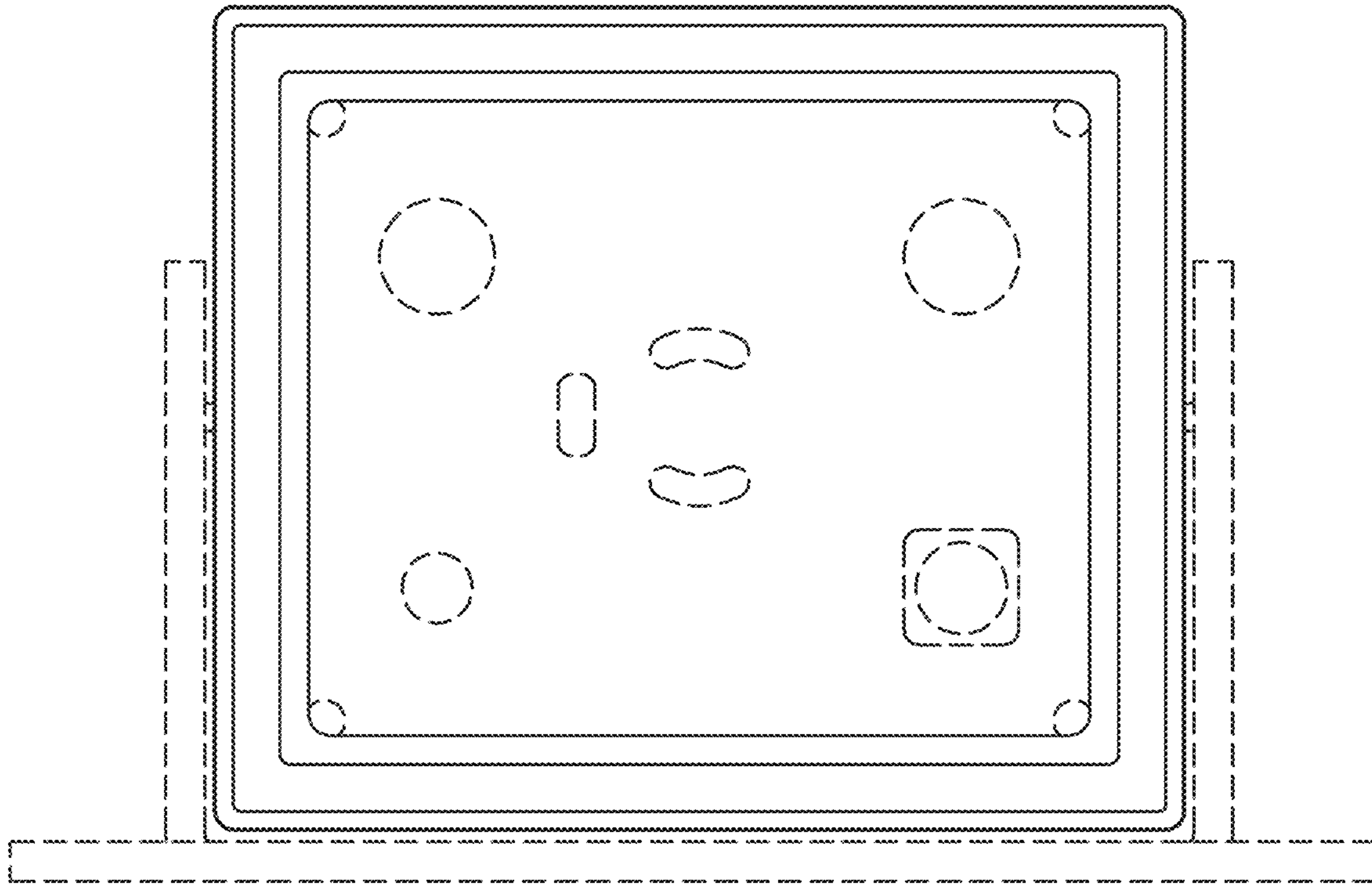


FIG. 7

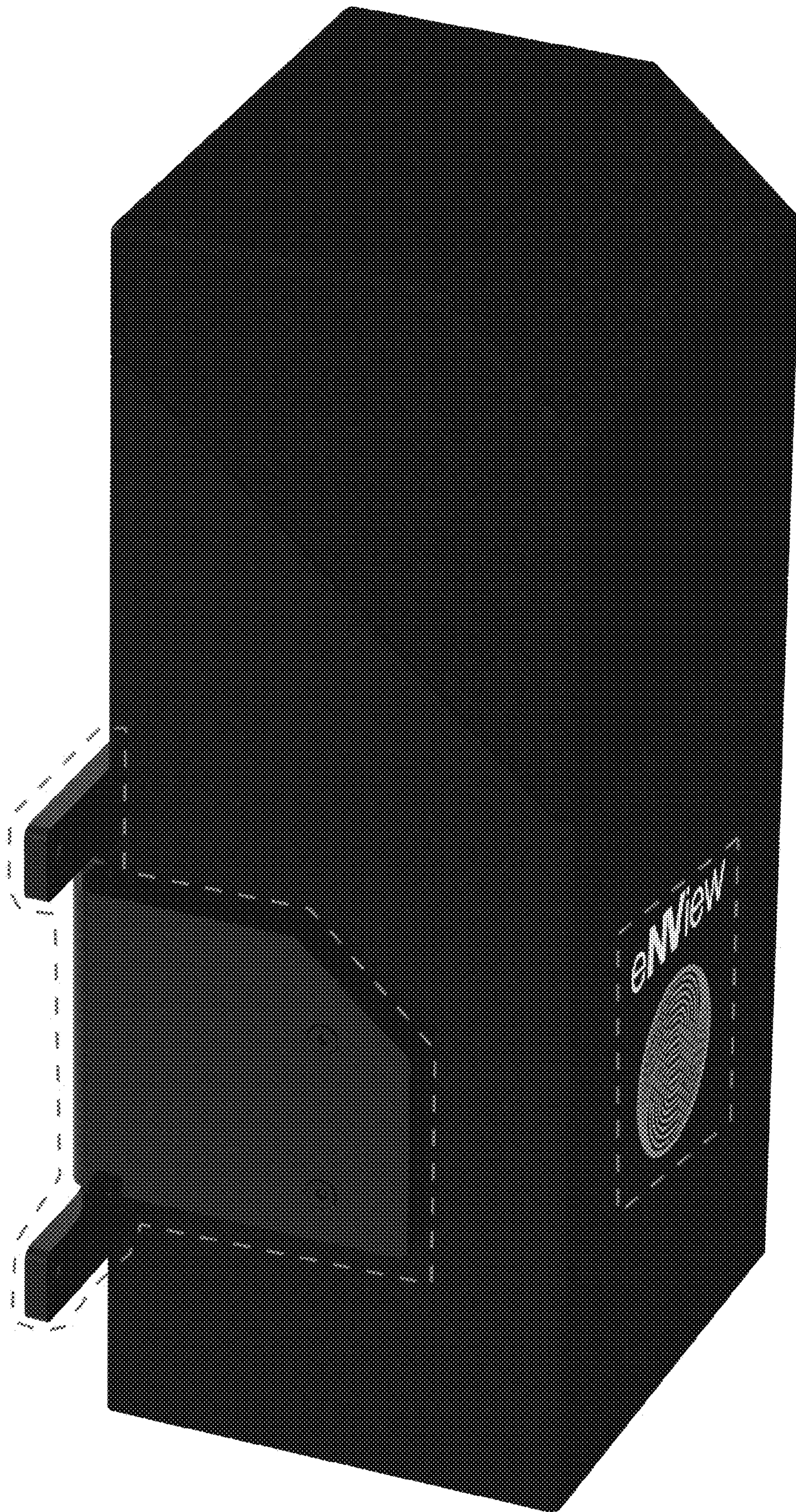


FIG. 8

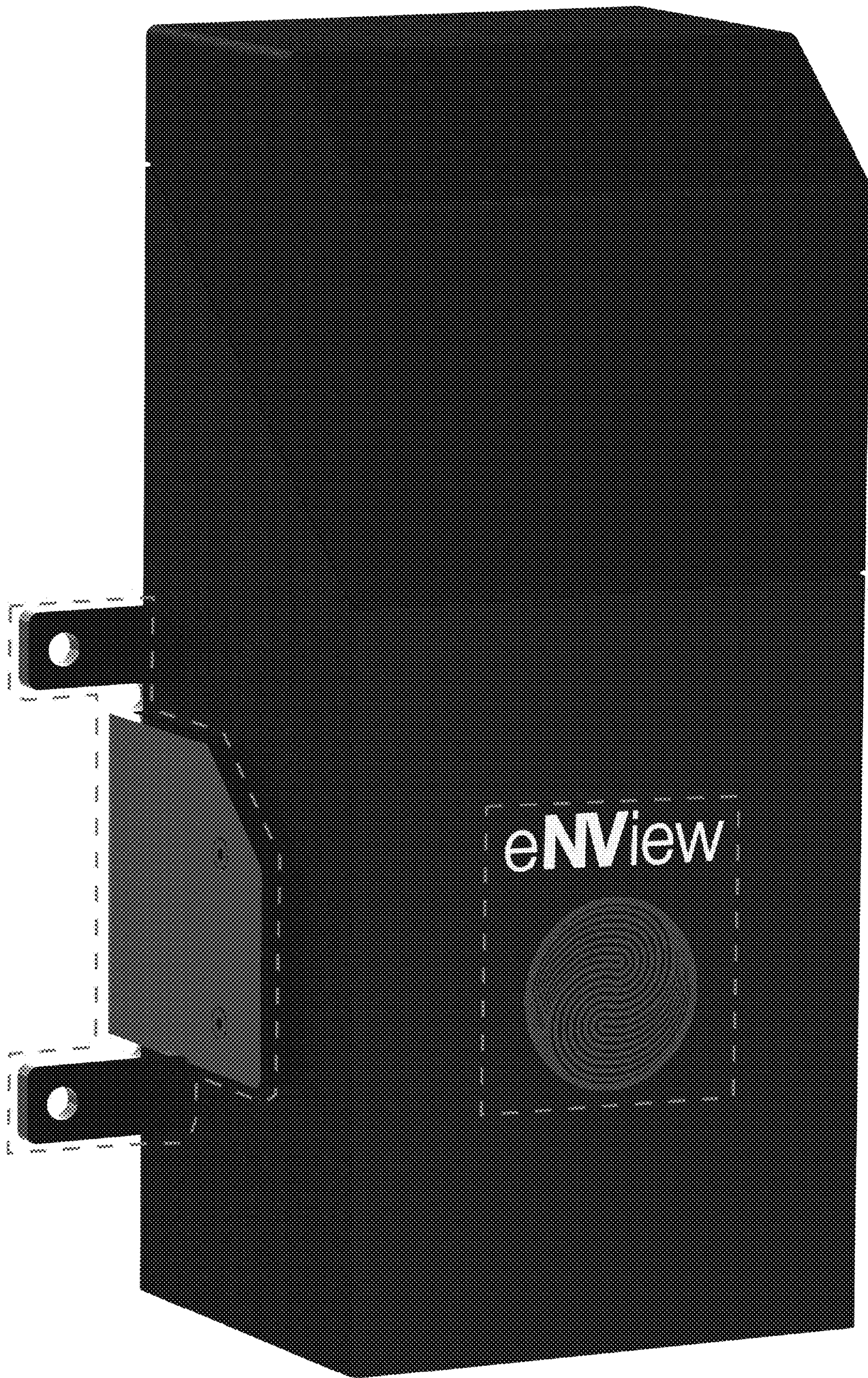


FIG. 9

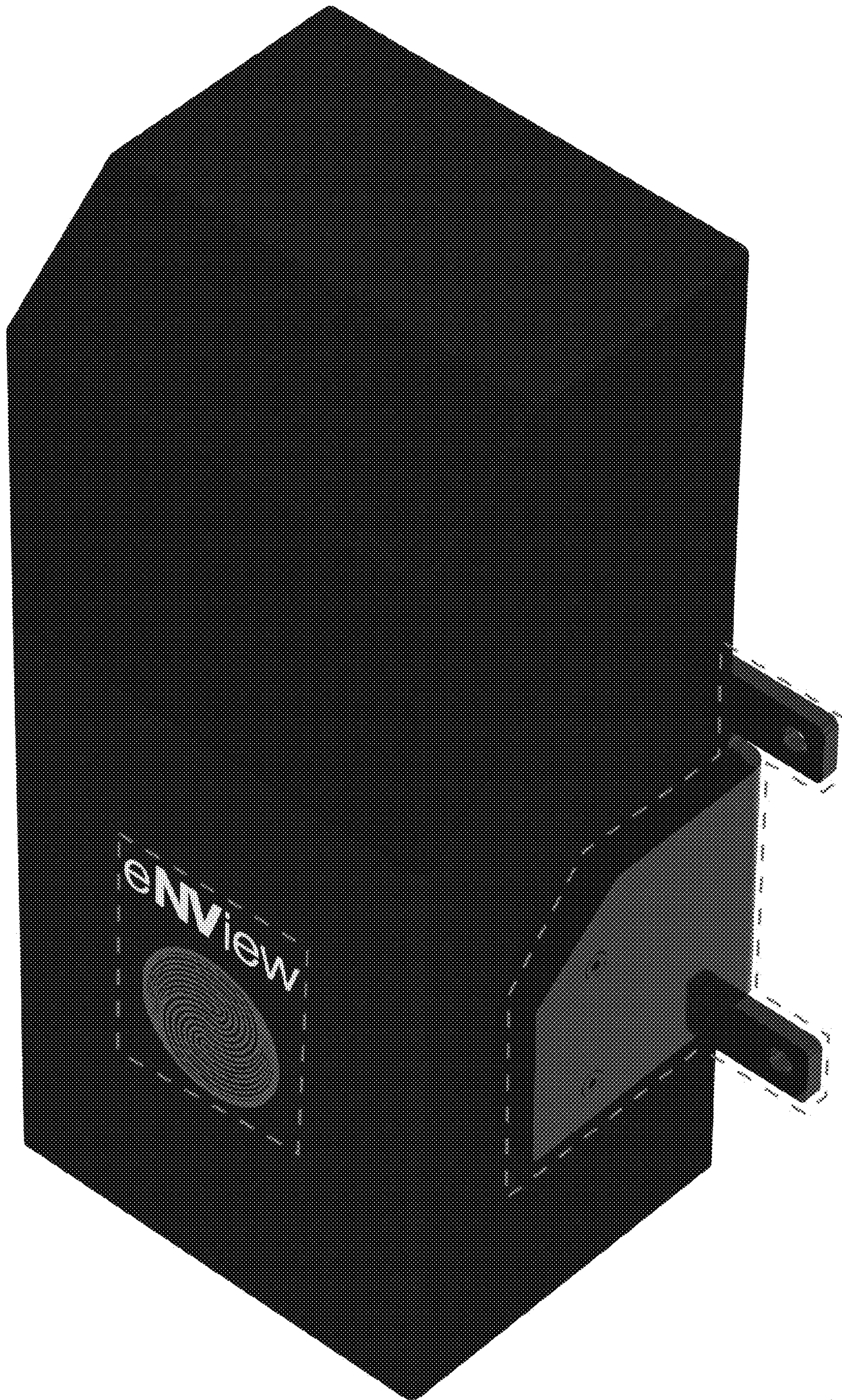


FIG. 10

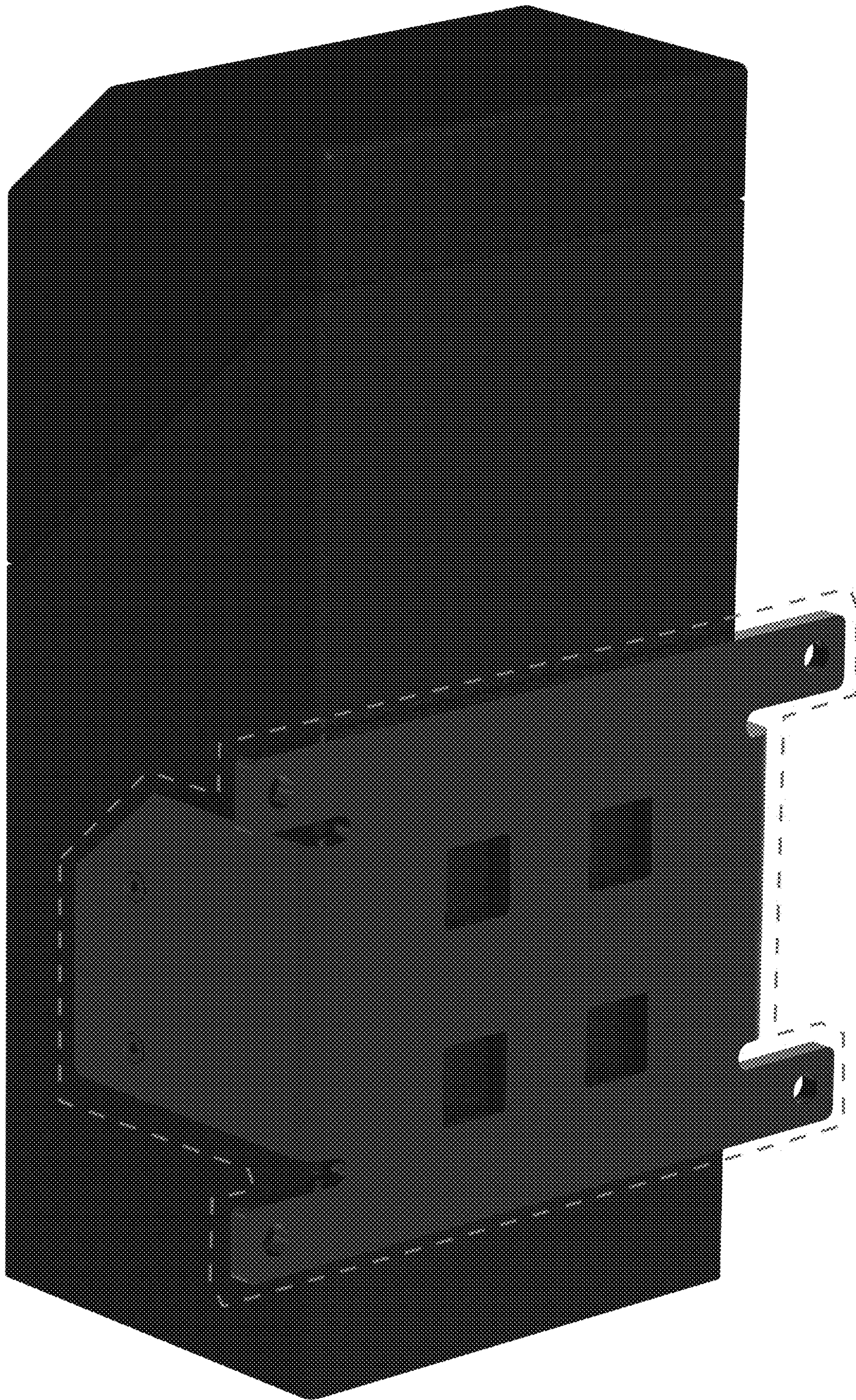


FIG. 11

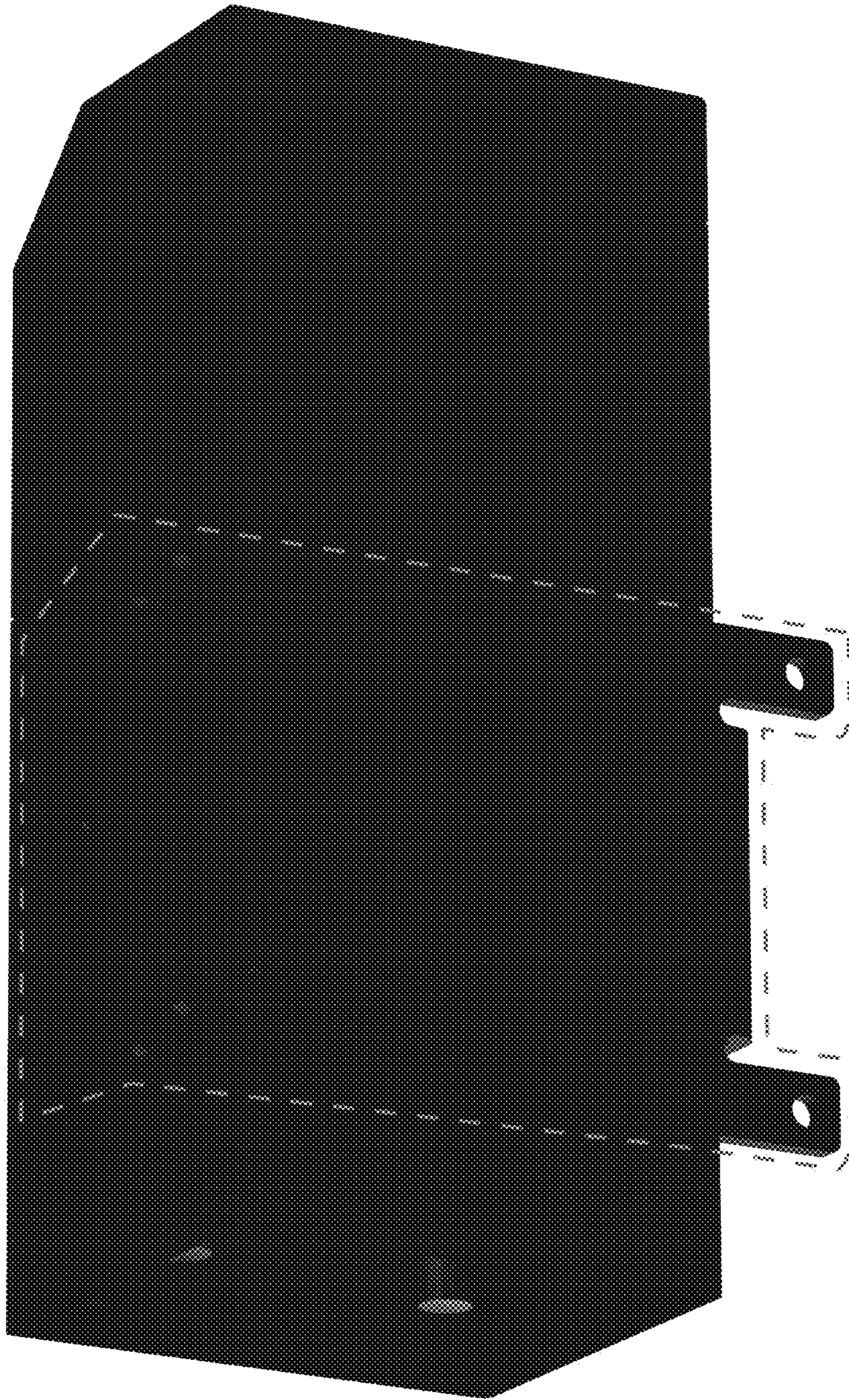


FIG. 12

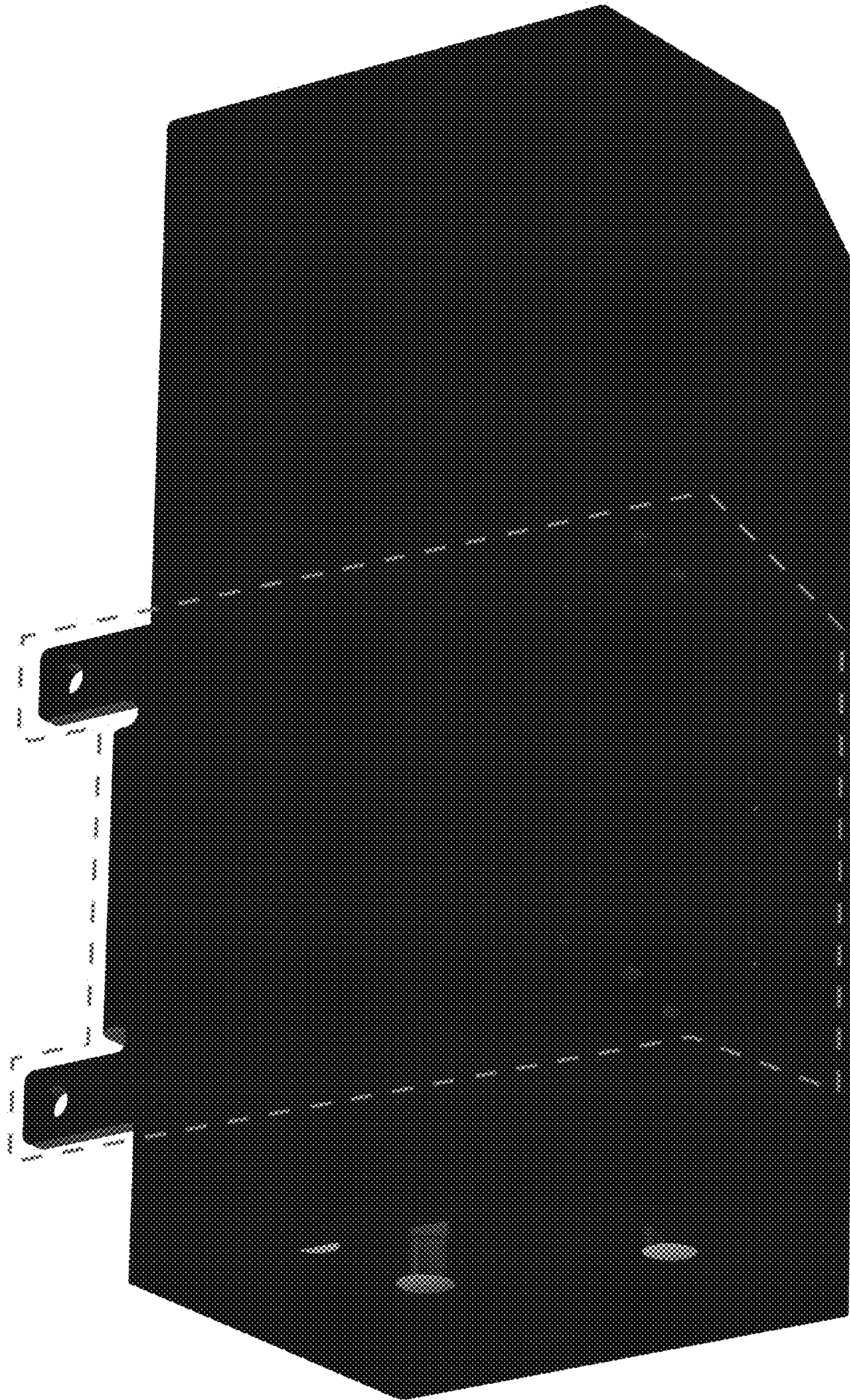


FIG. 13



FIG. 14



FIG. 15



FIG. 16

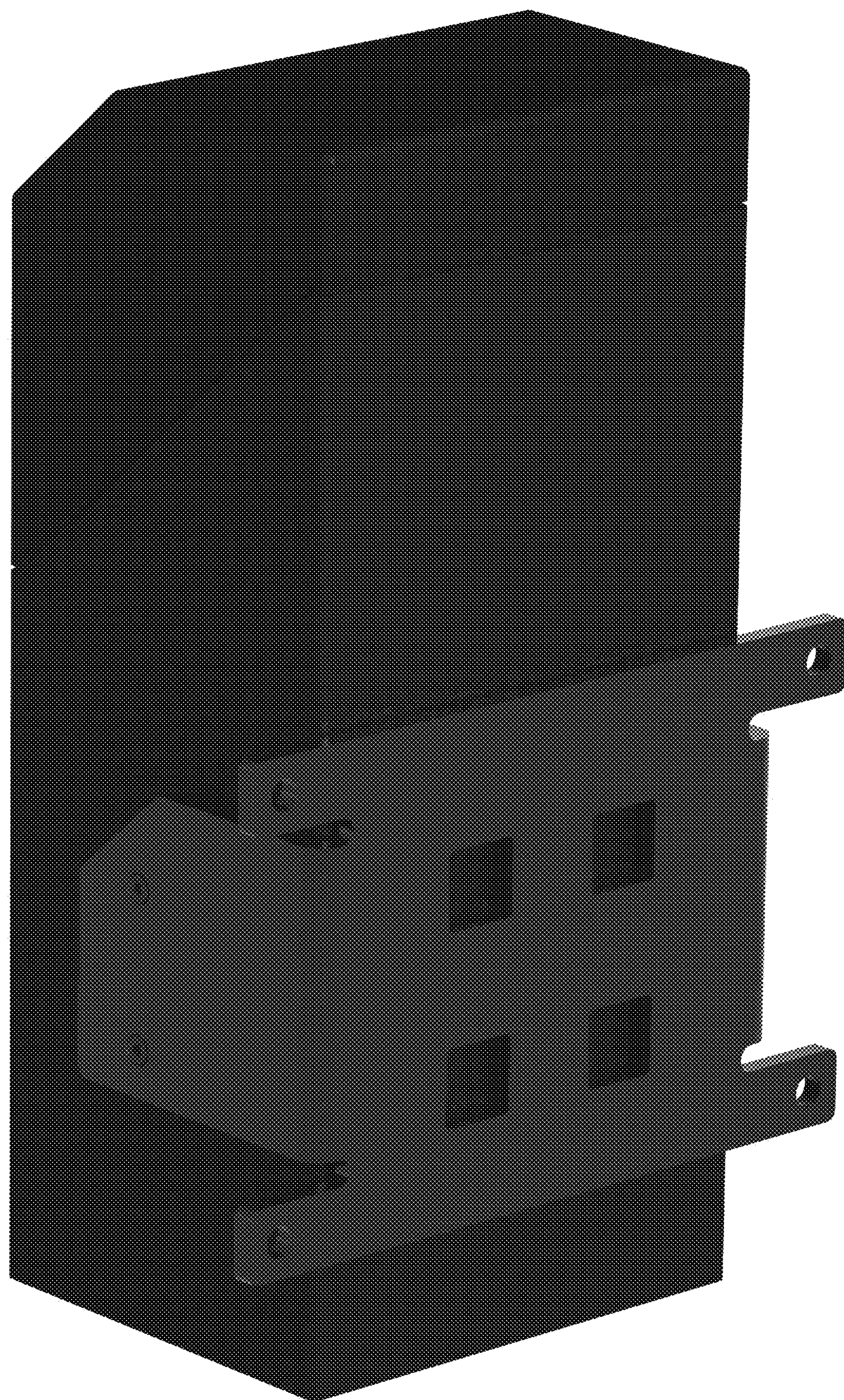


FIG. 17

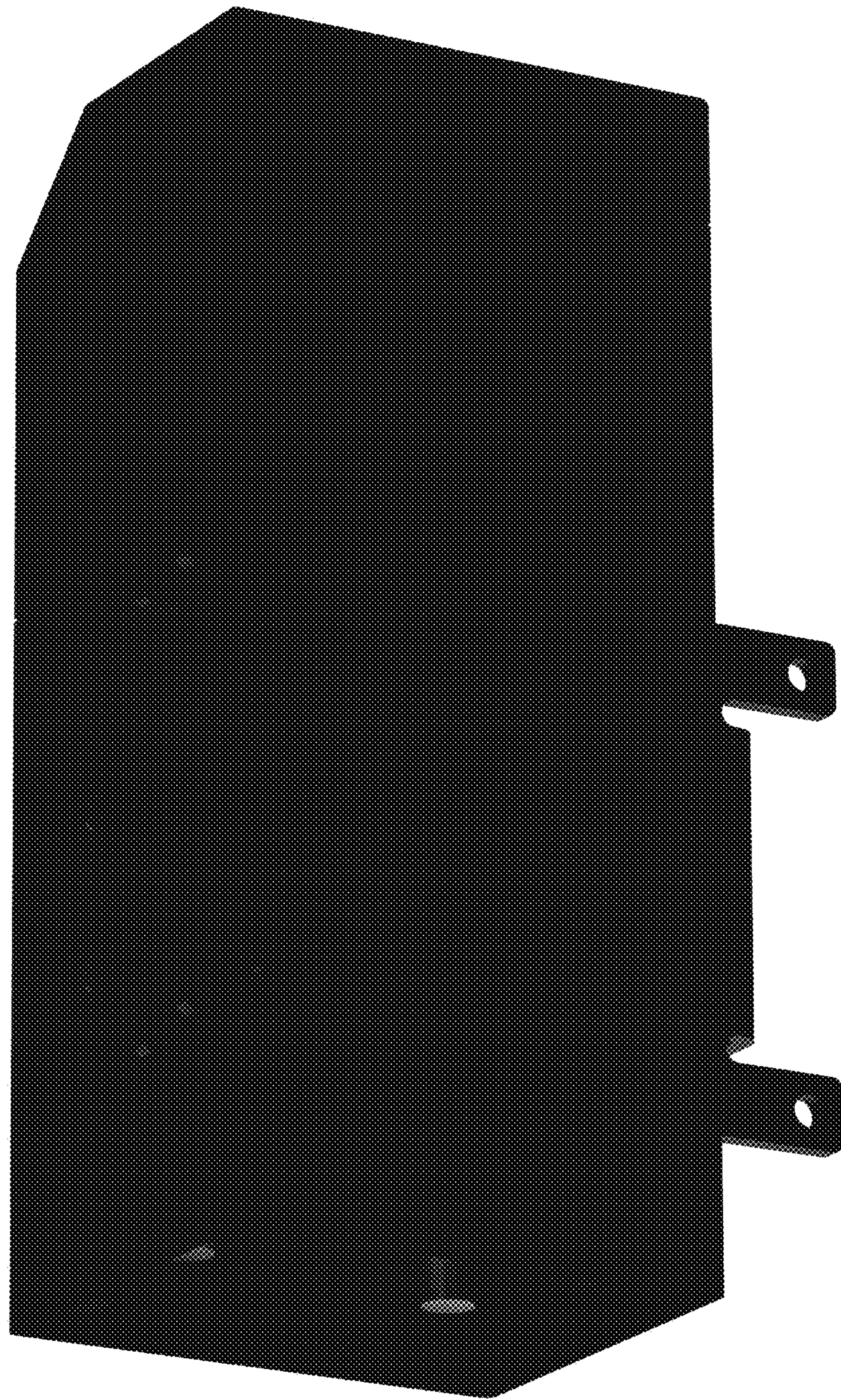


FIG. 18



FIG. 19