



US00D964970S

(12) **United States Design Patent** (10) **Patent No.:** **US D964,970 S**
Zhang et al. (45) **Date of Patent:** **** Sep. 27, 2022**

(54) **LASER RADAR (LR-1B)** D930,493 S * 9/2021 Katzenelson D10/106.6
D935,915 S * 11/2021 Ding D10/70
D939,366 S * 12/2021 Tian D10/70

(71) Applicant: **HANGZHOU OLE-SYSTEMS CO., LTD.**, Zhejiang (CN)

FOREIGN PATENT DOCUMENTS

(72) Inventors: **Ou Zhang**, Changzhou (CN); **Cheng Chen**, Changzhou (CN)

CN 306746213 * 8/2021
EM 007428990-0001 * 3/2020
EM 007433123-0001 * 3/2020
EM 007433727-0001 * 3/2020

(73) Assignee: **HANGZHOU OLE-SYSTEMS CO., LTD.**, Zhejiang (CN)

(Continued)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/718,616**

Faselase TOF 10m . . . , available at ebay.com, first date online Sep. 1, 2020 , [site visited: Jan. 24, 2022], Available from the internet URL: <https://www.ebay.com/itm/124320240863?chn=ps&mkevt=1&mkcid=28> (Year: 2020).*

(22) Filed: **Dec. 26, 2019**

(Continued)

(30) **Foreign Application Priority Data**

Jul. 2, 2019 (CN) 2019303464603

Primary Examiner — Daniel J Domino

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

Assistant Examiner — Samina Vieth

(52) **U.S. Cl.**
USPC **D14/230**

(74) *Attorney, Agent, or Firm* — Dentons US LLP

(58) **Field of Classification Search**
USPC D14/231, 232, 230, 238; D15/14;
D12/231, 345; D24/186, 158; D8/349,
D8/382; D10/70, 102
CPC H01Q 1/36; G01S 7/4817; G01S 7/4813;
G01S 17/931
See application file for complete search history.

(57) **CLAIM**

We claim the ornamental design for a laser radar (LR-1B), as shown and described.

DESCRIPTION

(56) **References Cited**

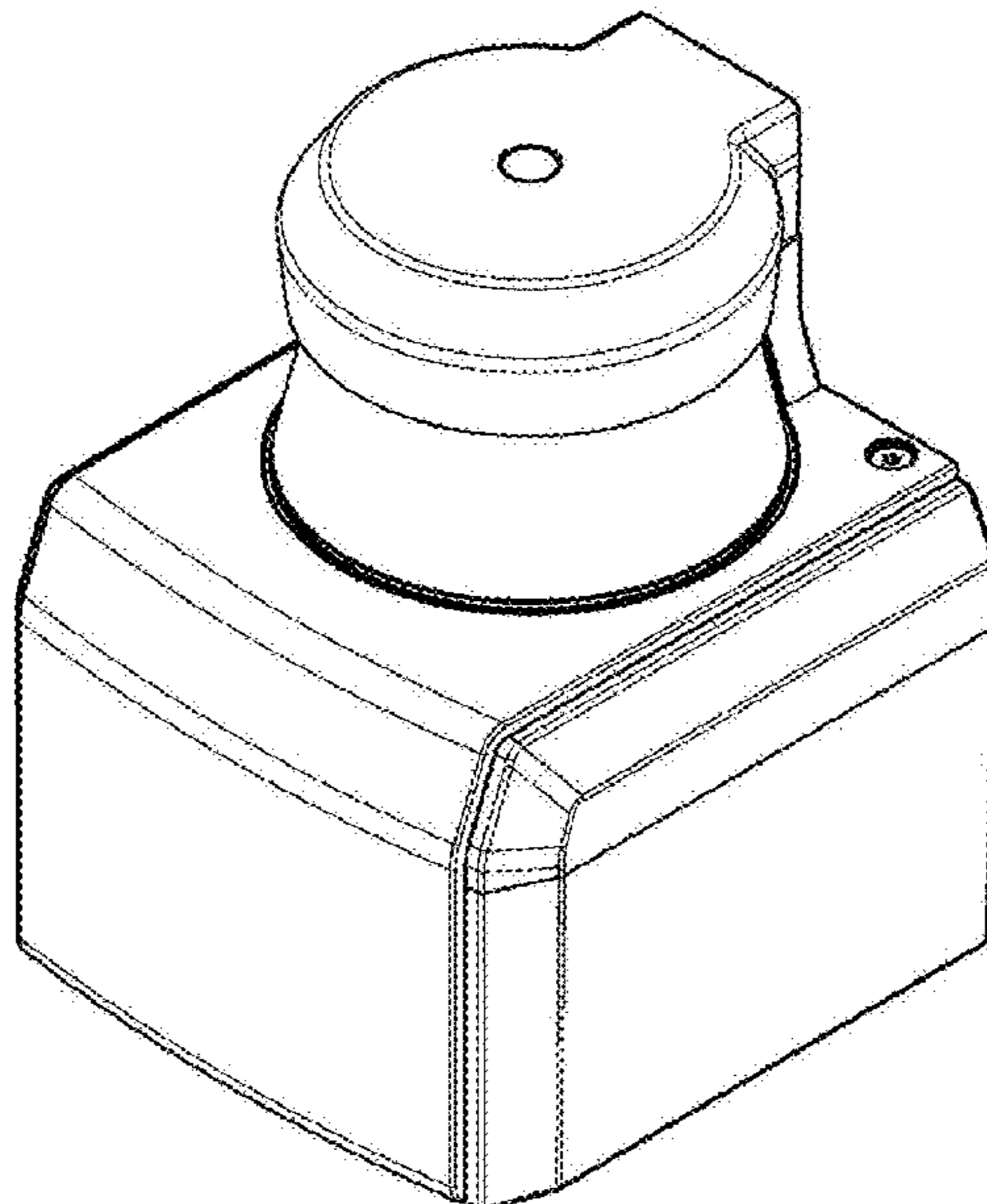
U.S. PATENT DOCUMENTS

D531,525 S * 11/2006 Dold D10/46
D690,612 S * 10/2013 Lam D10/81
D737,163 S * 8/2015 Yamamoto D10/106.6
D849,573 S * 5/2019 Haban D10/70
D871,412 S * 12/2019 Aprile D14/420
D882,430 S * 4/2020 Haban D10/70

FIG. 1 is a perspective view of a laser radar (LR-1B) 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; and,
FIG. 7 is a bottom plan view thereof.

The dashed broken lines shown in FIGS. 3 and 7 illustrate environmental structures that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

FOREIGN PATENT DOCUMENTS

KR 301096485.0000 * 2/2020

OTHER PUBLICATIONS

OS0 Lidar Sensor, available at ouster.com, date available Dec. 18, 2021, [site visited: Jan. 24, 2022], Available from the internet URL: <https://data.ouster.io/downloads/datasheets/datasheet-rev06-v2p2-os0.pdf> (Year: 2021).*

* cited by examiner

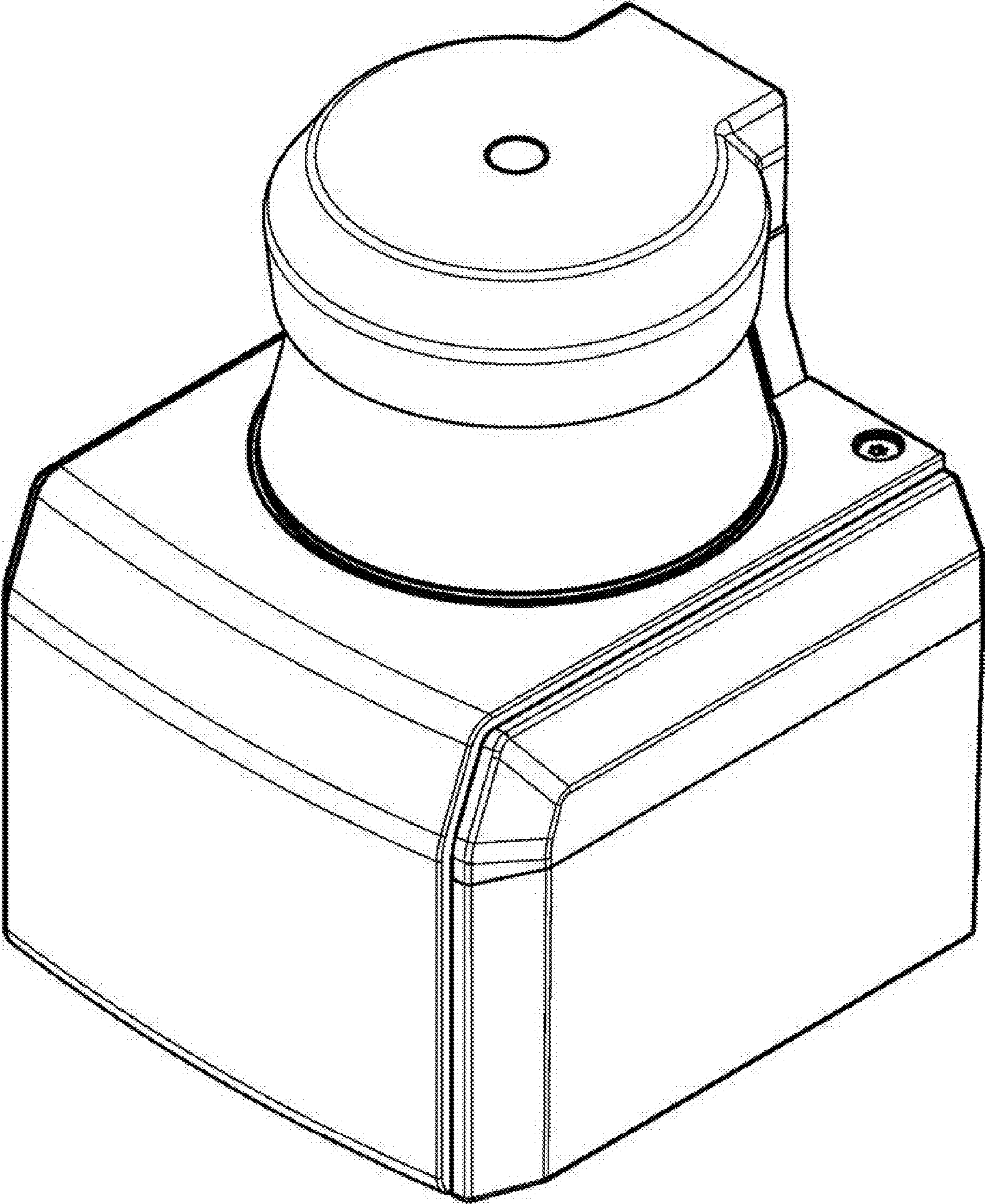


FIG. 1

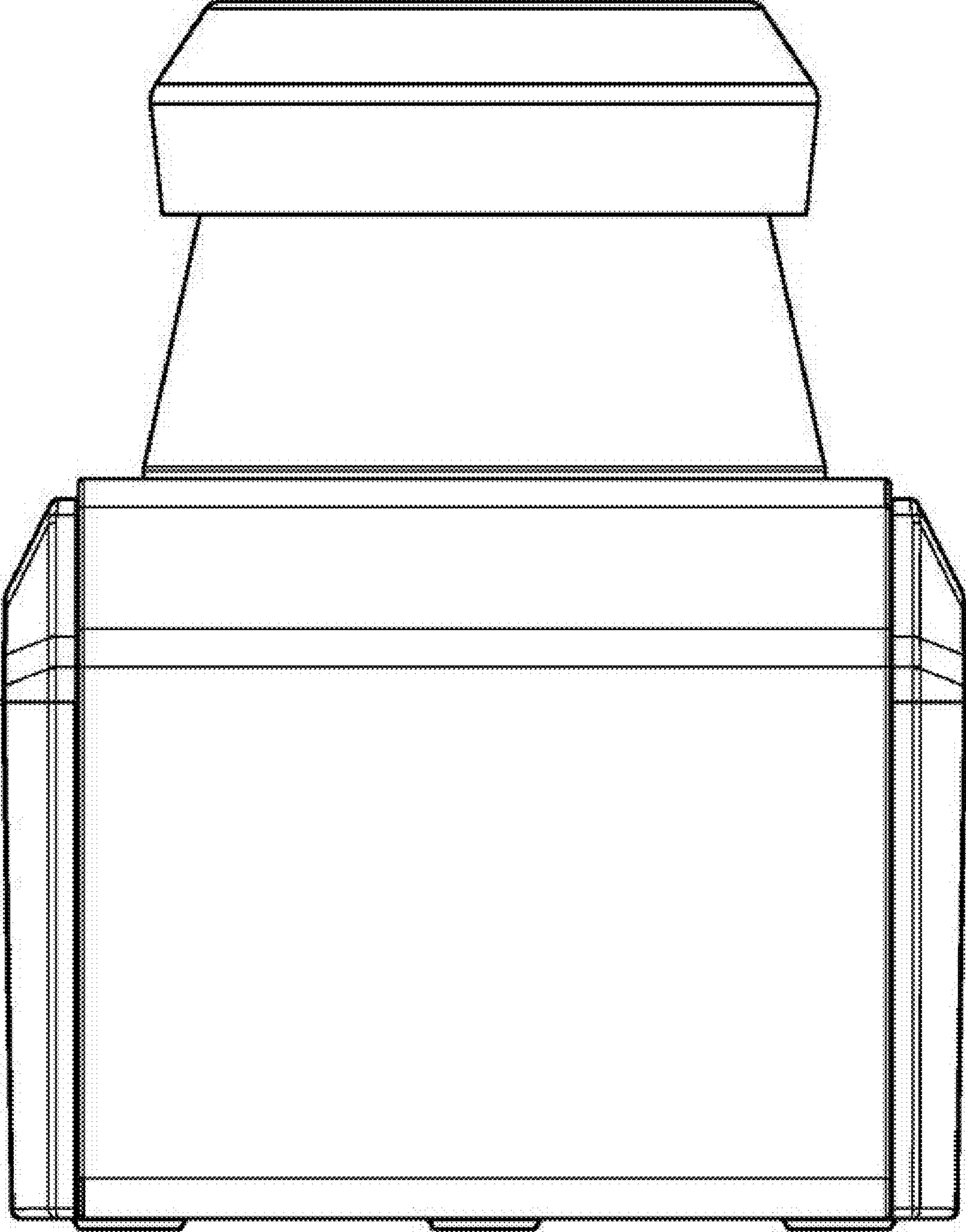


FIG. 2

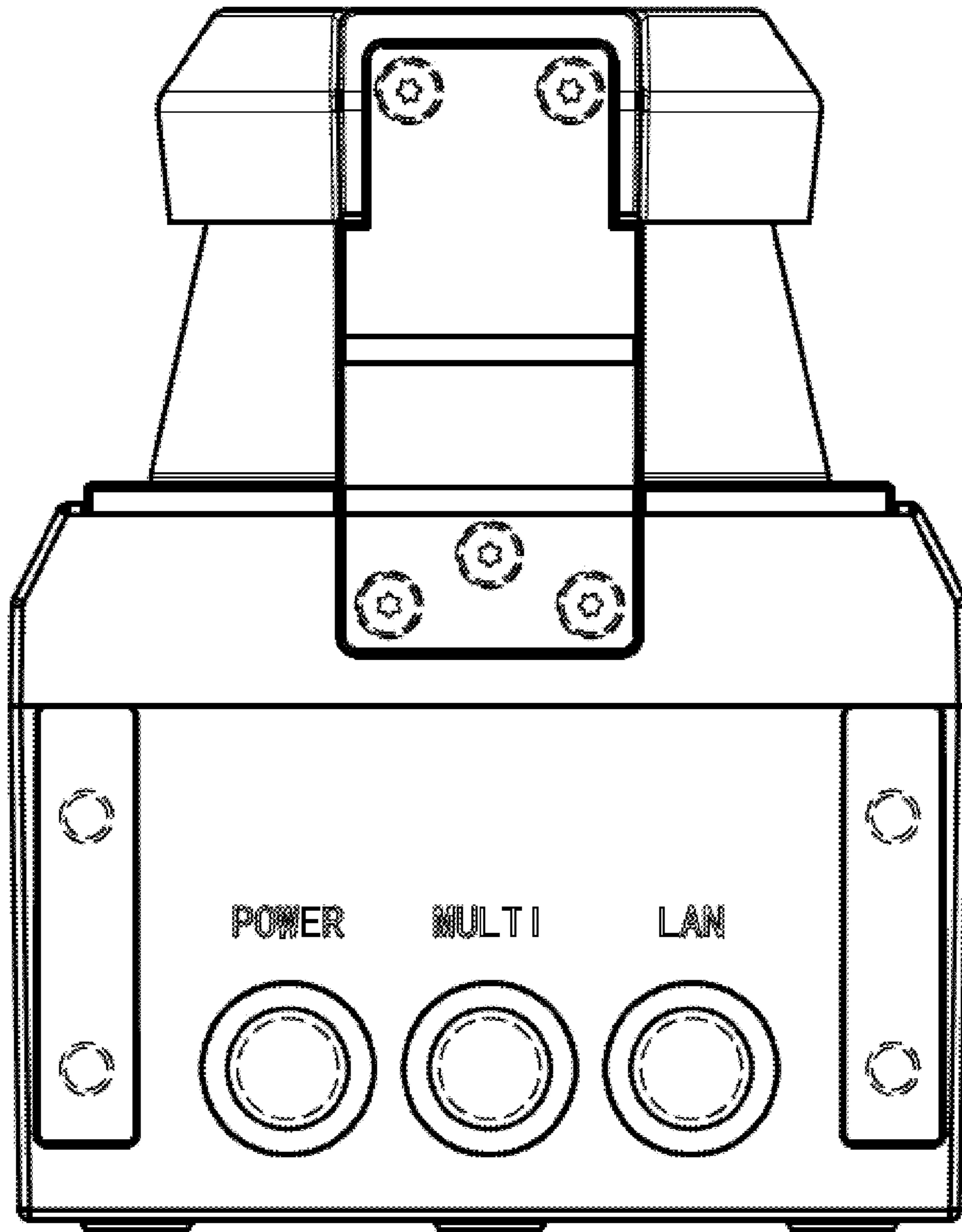


FIG. 3

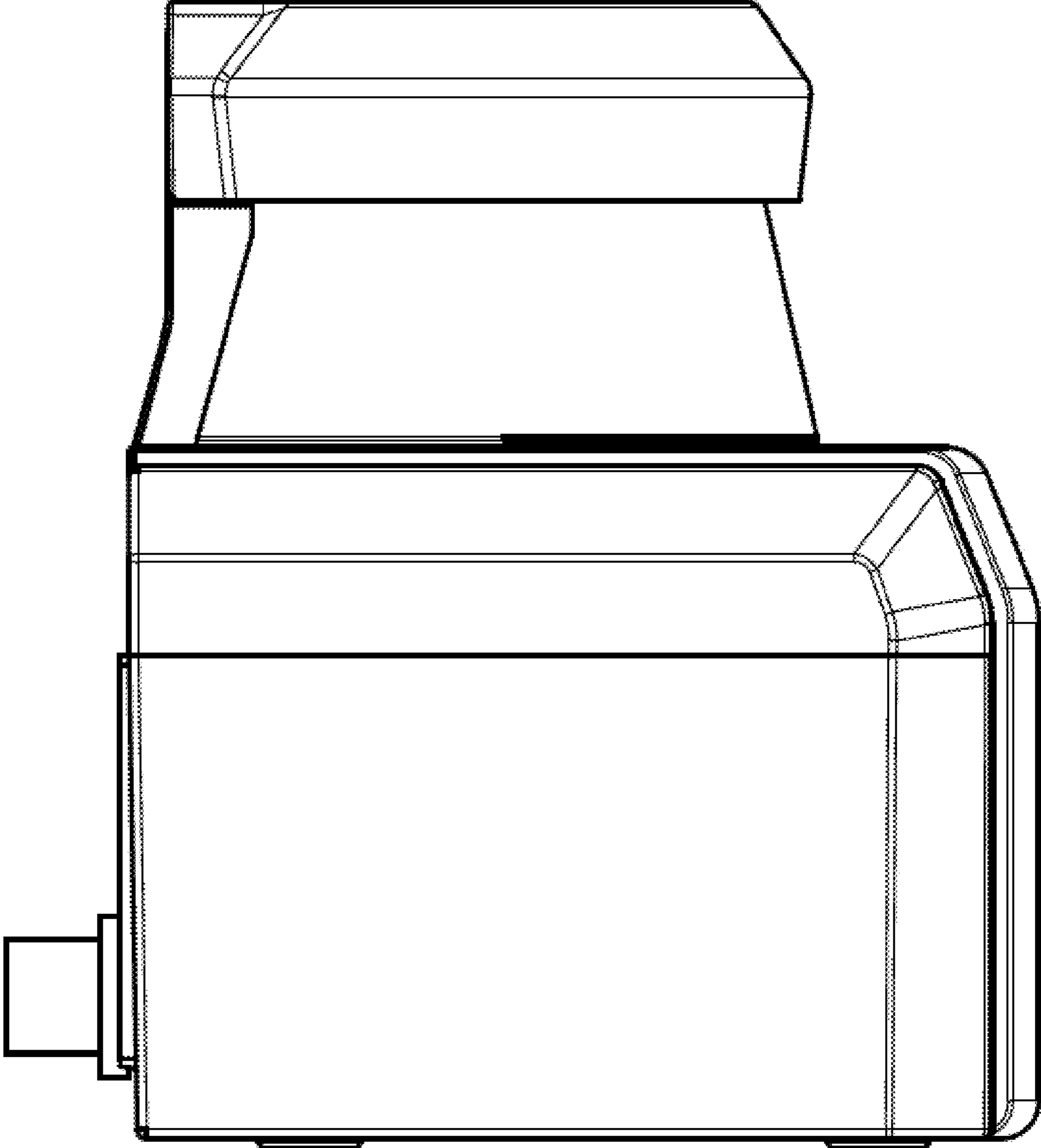


FIG. 4

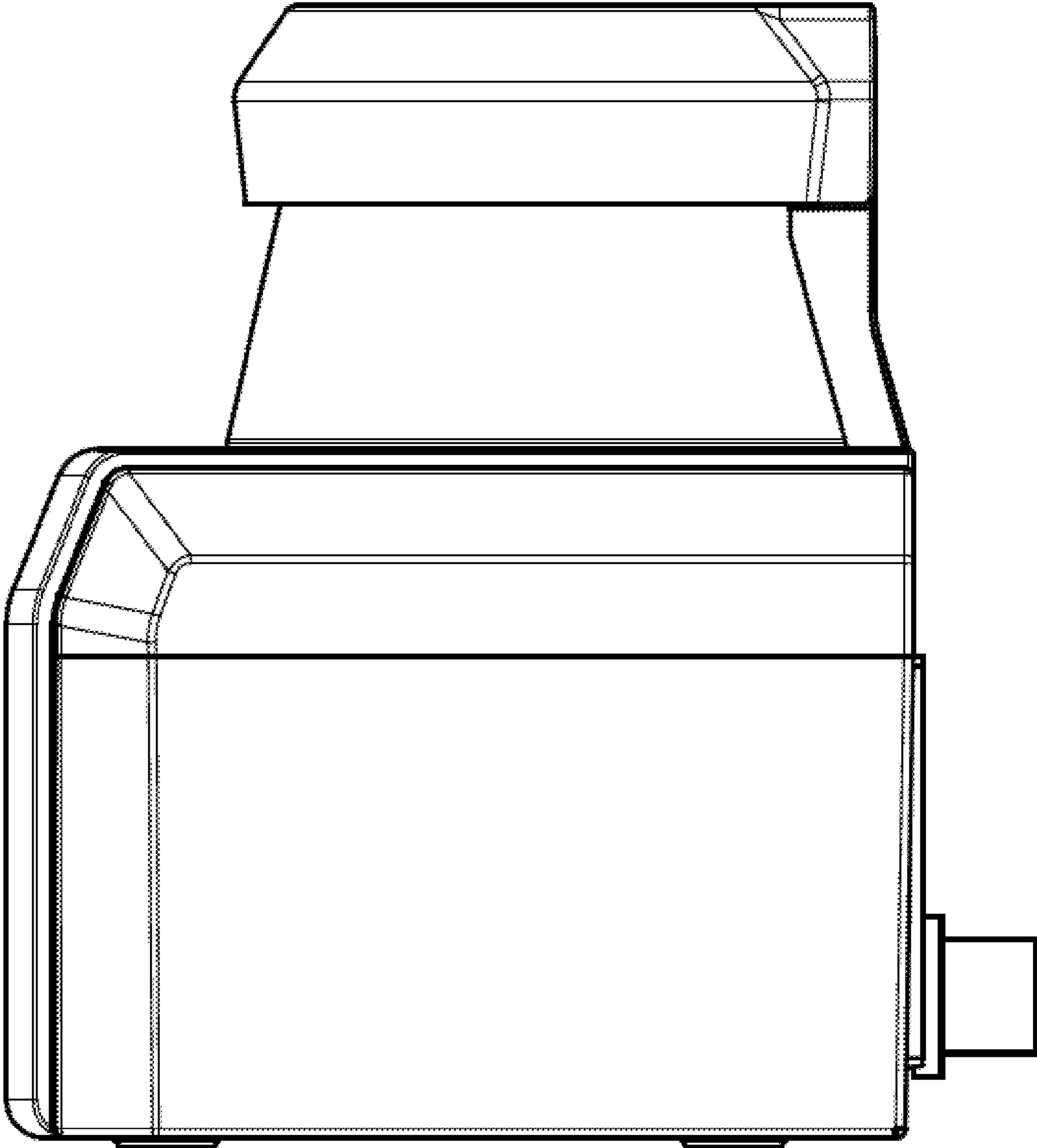


FIG. 5

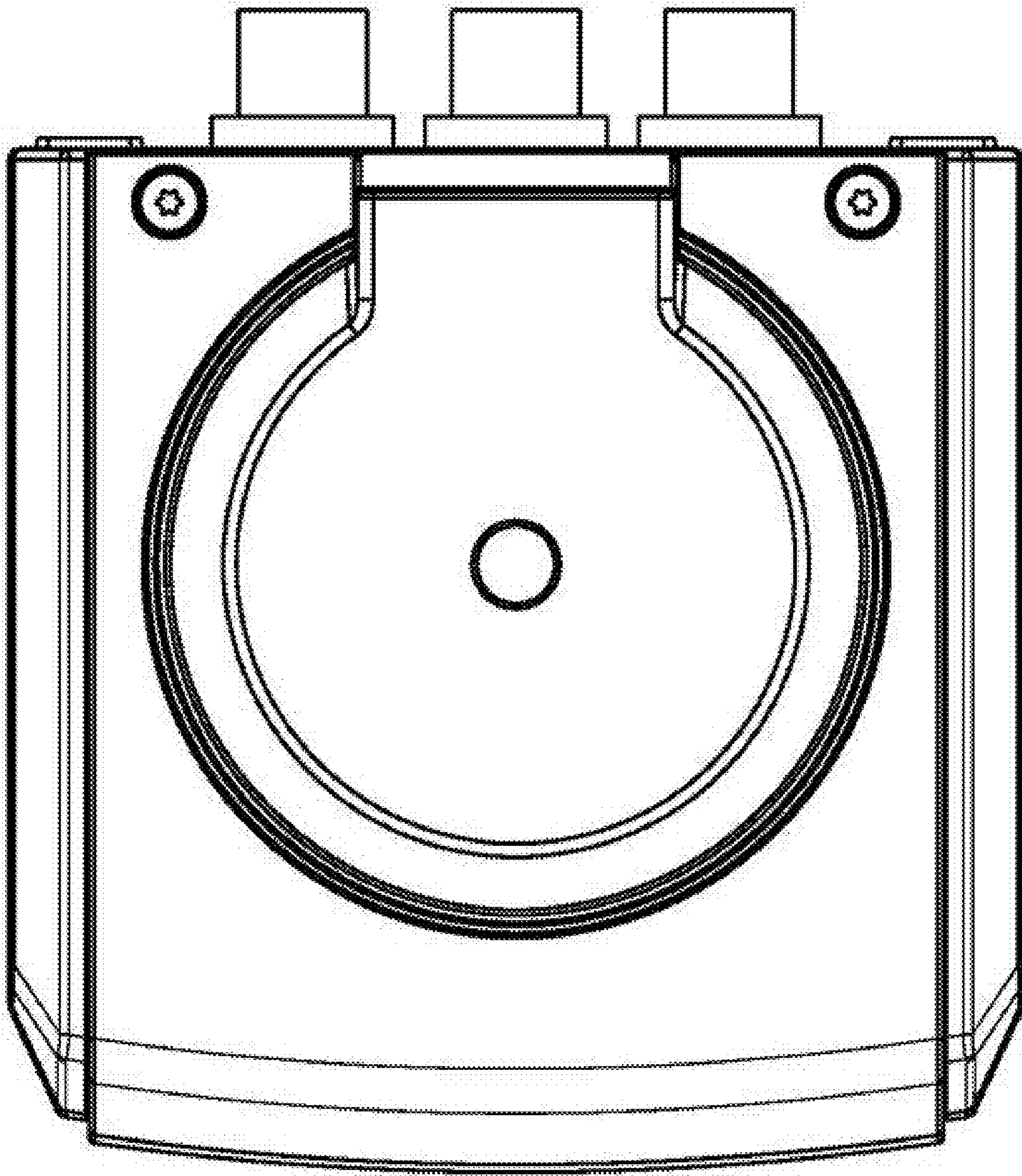


FIG. 6

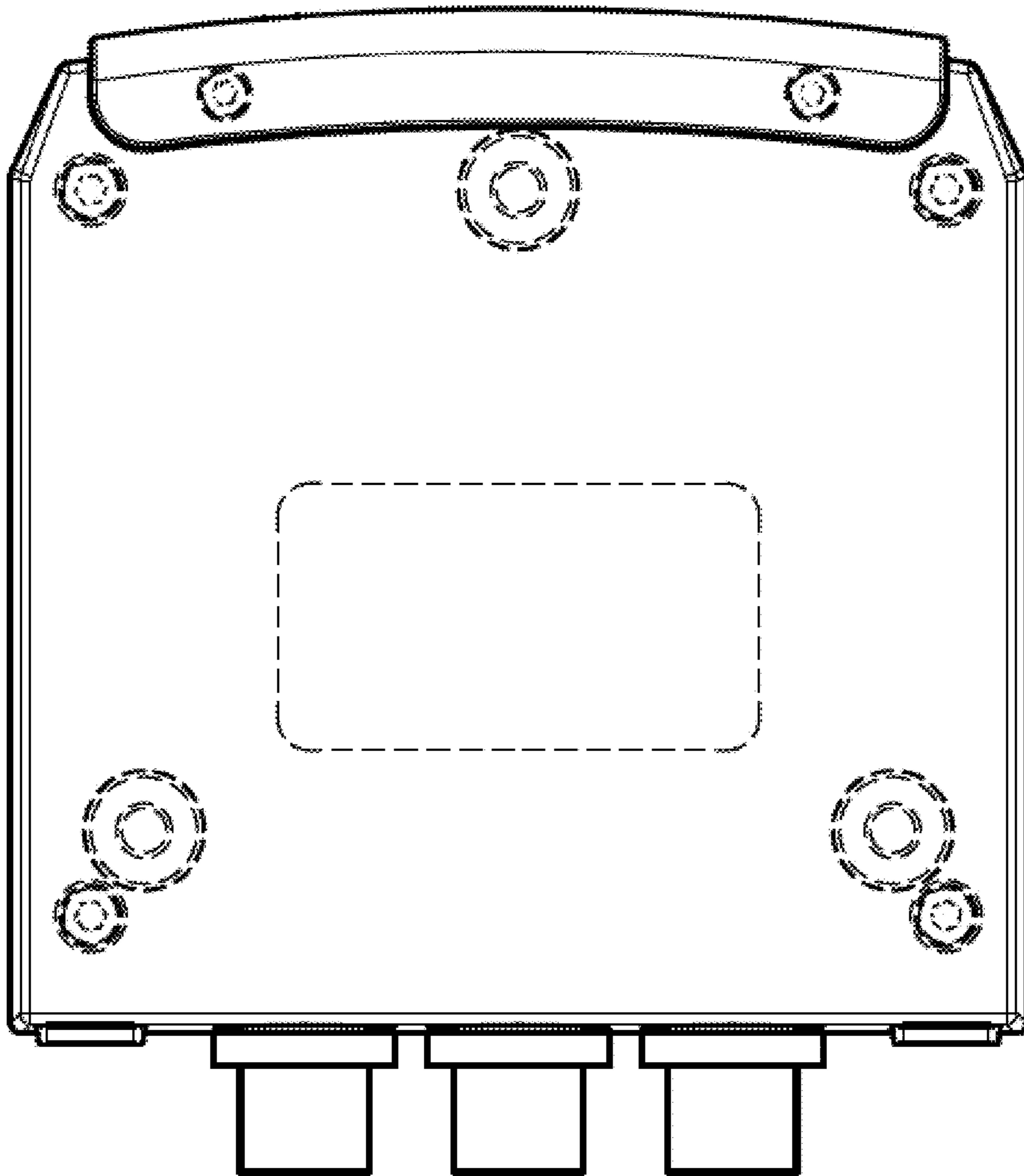


FIG. 7