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(12) **United States Design Patent** (10) **Patent No.:** **US D926,132 S**
Kitazawa et al. (45) **Date of Patent:** **** Jul. 27, 2021**

(54) **SERVO DEVICE**
(71) Applicant: **Futaba Corporation**, Mobara (JP)
(72) Inventors: **Hideo Kitazawa**, Mobara (JP); **Makoto Migita**, Tokyo (JP)
(73) Assignee: **Futaba Corporation**, Mobara (JP)
(**) Term: **15 Years**

D686,990 S * 7/2013 Kikuchi D13/112
D693,300 S * 11/2013 Fukasawa D13/112
D804,416 S * 12/2017 Dilley D13/110
D810,681 S * 2/2018 Ji D13/110
D817,878 S * 5/2018 Shu D13/112
D817,879 S * 5/2018 Shu D13/112
D893,424 S * 8/2020 Ouyang D13/112
D898,670 S * 10/2020 Andersson D13/112
D900,180 S * 10/2020 Pozzo D15/148
D906,241 S * 12/2020 Franceschini D13/110
D913,226 S * 3/2021 Tachibana D13/110
D913,920 S * 3/2021 Tachibana D13/110
D914,061 S * 3/2021 Del Aguila D15/7

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/112**

(58) **Field of Classification Search**
USPC D13/110, 107, 108, 118, 123, 162, 164,
D13/168, 169, 174, 177, 184, 199;
D14/257, 432, 438
CPC H05K 5/00; H05K 5/02; H05K 5/0247;
H05K 7/00; H05K 7/20; H05K 7/20136;
H05K 7/20154; H05K 7/209; H05K
7/1417; H05K 7/1427; H05K 7/20918;
H02M 7/00; H02M 7/003; H02J 7/0042
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D540,252 S * 4/2007 Hsien D13/110
D573,091 S * 7/2008 Shih D13/112
D609,180 S * 2/2010 Suzuki D13/110
D674,343 S * 1/2013 Chen D13/112
D682,783 S * 5/2013 Chen D13/112

OTHER PUBLICATIONS

Servo Device (Design—© Questel) orbit.com. [online PDF] 43 pgs.
Print Dates Range Oct. 16, 2020-Mar. 30, 2021 [Retrieved Apr. 8,
2021].*

(Continued)

Primary Examiner — Brett Miller

Assistant Examiner — Suzanne E Tisdell

(74) *Attorney, Agent, or Firm* — Quarles & Brady LLP

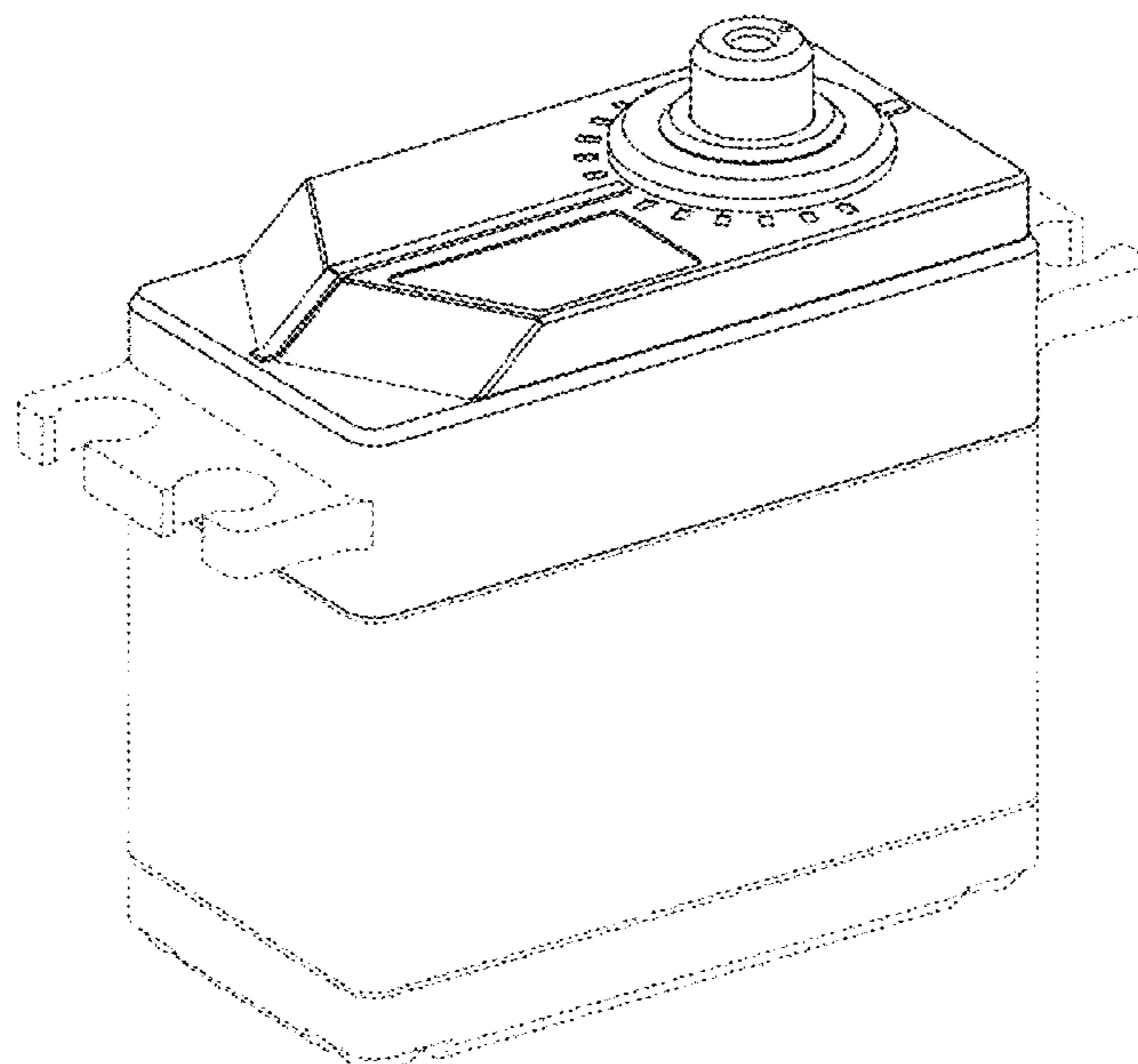
(57) **CLAIM**

An ornamental design for a servo device, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a servo device;
FIG. 2 is a rear view of FIG. 1;
FIG. 3 is a top view of FIG. 1;
FIG. 4 is a bottom view of FIG. 1;
FIG. 5 is a right side view of FIG. 1;
FIG. 6 is a left side view of FIG. 1; and,
FIG. 7 is a perspective view of FIG. 1.
The broken lines shown in the drawings illustrate portions of the servo device that for no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

“ProTek RC 170SBL Black Label High Speed Brushless Servo.”
Before Dec. 3, 2016. HobbyTown. <https://www.hobbytown.com/protek-rc-170sbl-black-label-high-speed-brushless-servo-ptk-170sbl/p507825>.*

“Savox SB-2270SG Monster Torque Brushless Steel Gear Servo.”
Before Aug. 24, 2017. HobbyTown. <https://www.hobbytown.com/savox-sb2270sg-monster-torque-brushless-steel-gear-servo-high-voltage-sav-sb-2270sg/p210495>.*

“Savox SB-2274SG ‘High Speed’ Brushless Steel Gear Digital Servo.”
Before Jun. 8, 2015. HobbyTown. <https://www.hobbytown.com/savox-sb2274sg-high-speed-brushless-steel-gear-digital-servo-high-voltage-sav-sb-2274sg/p233915>.*

* cited by examiner

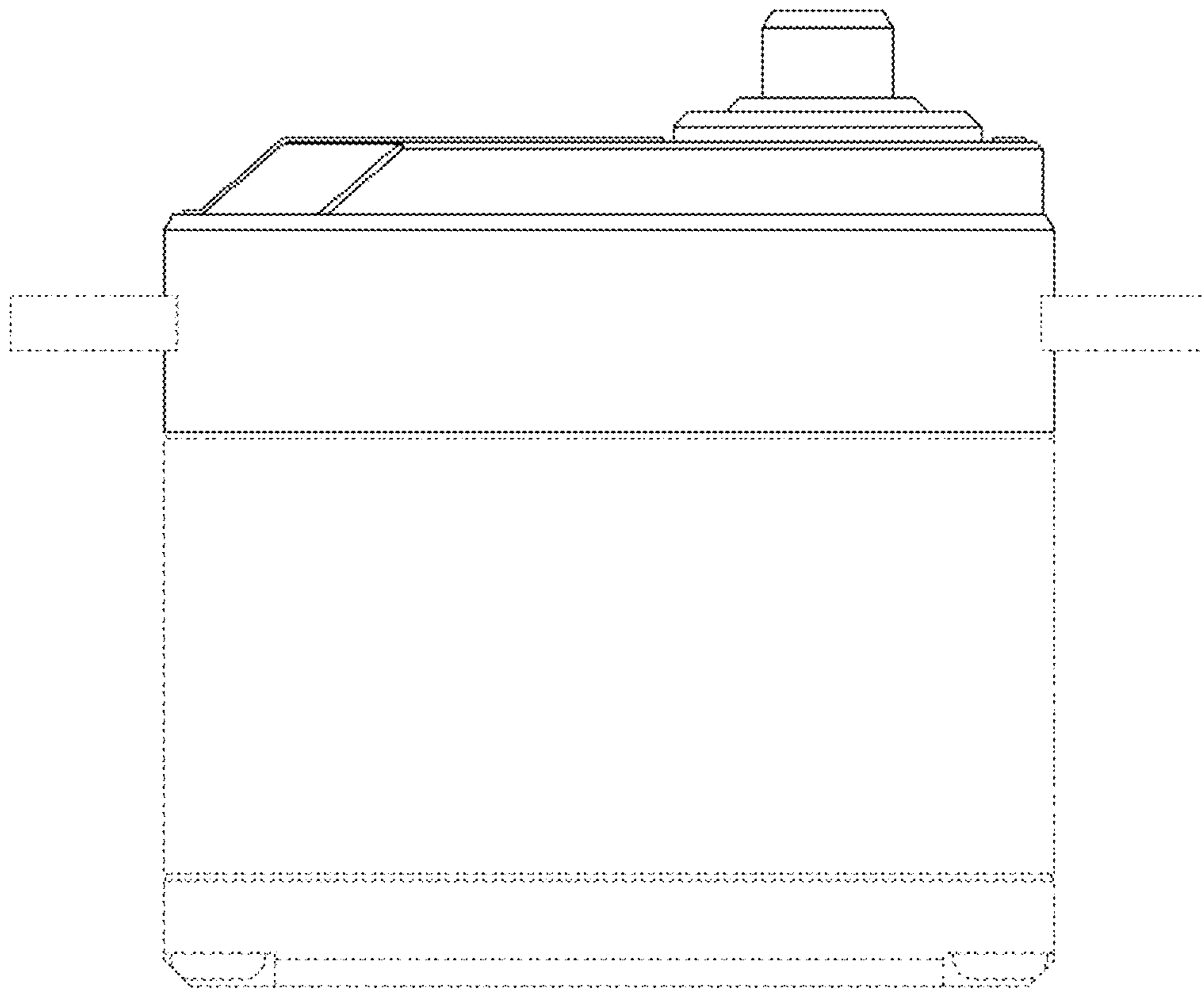


Fig. 1

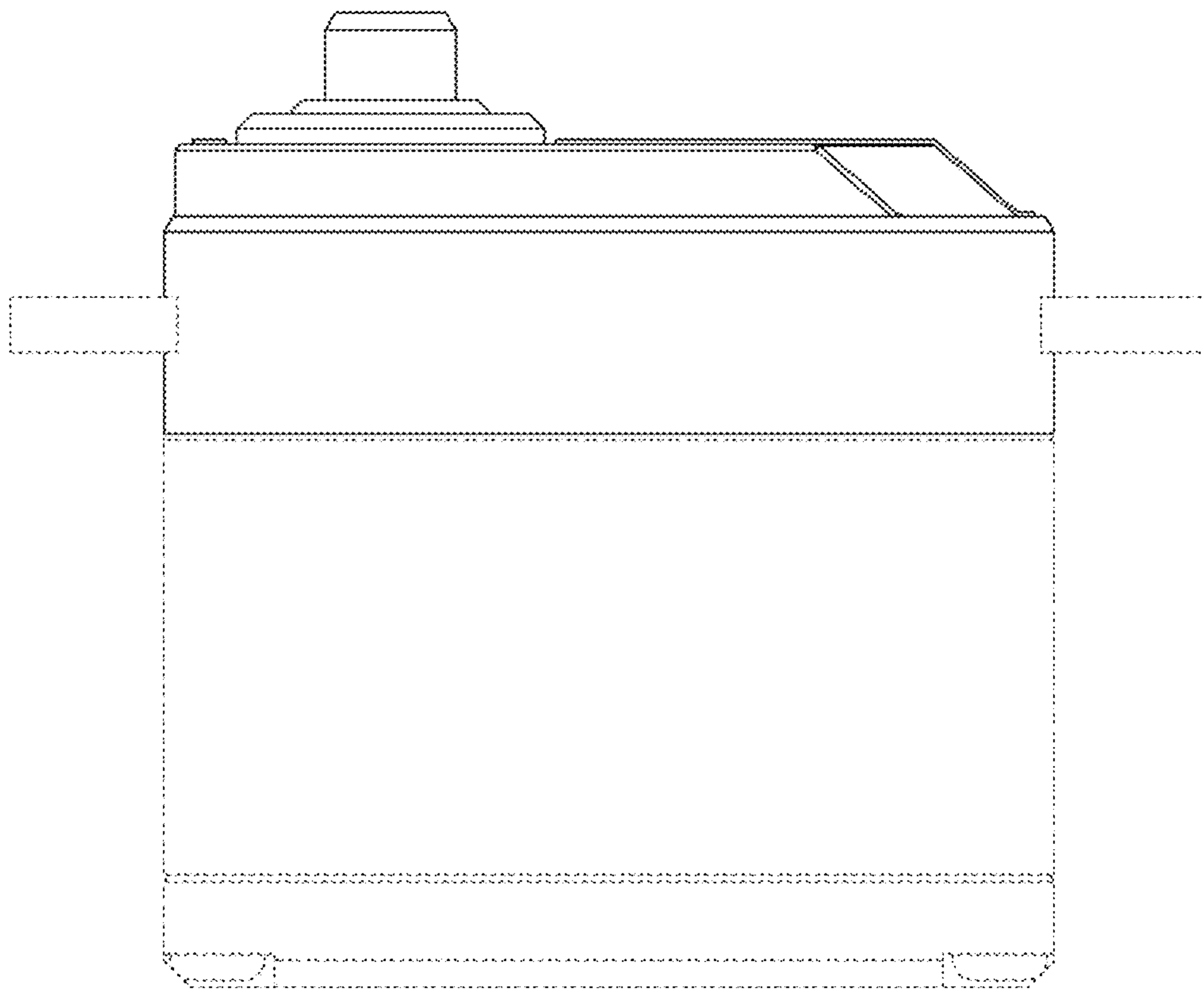


Fig. 2

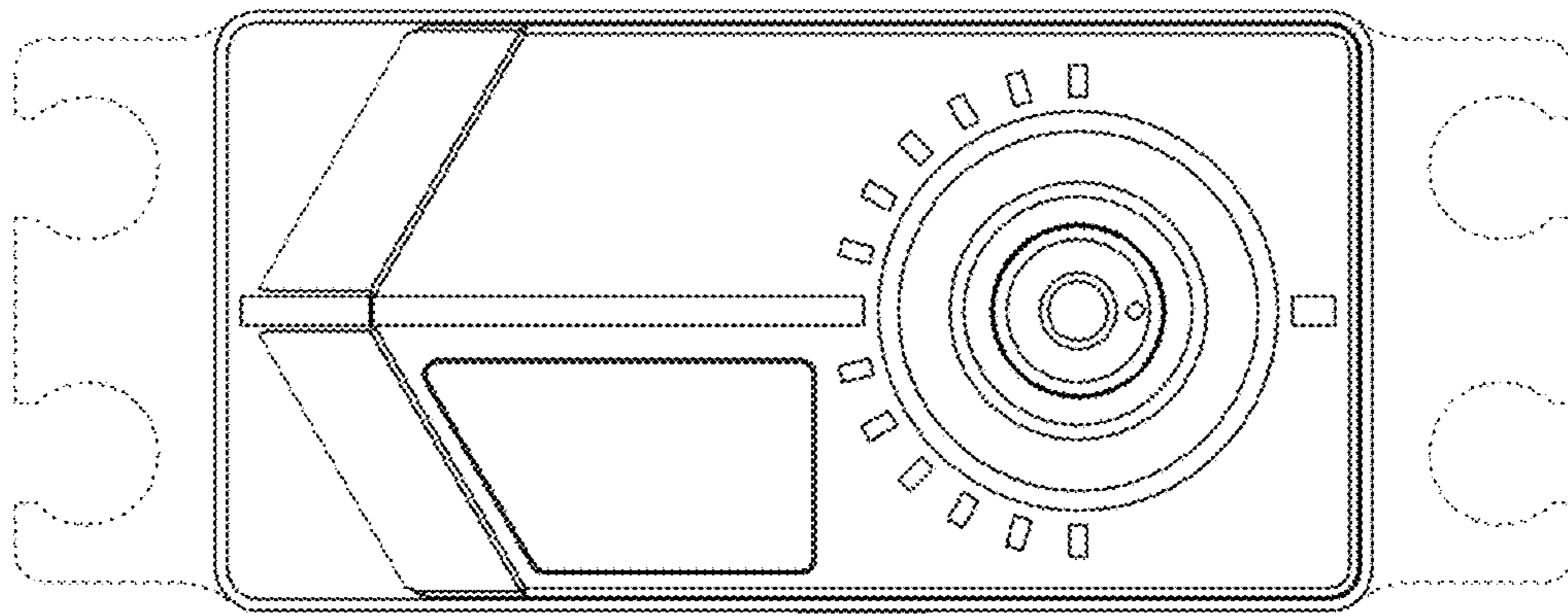


Fig. 3

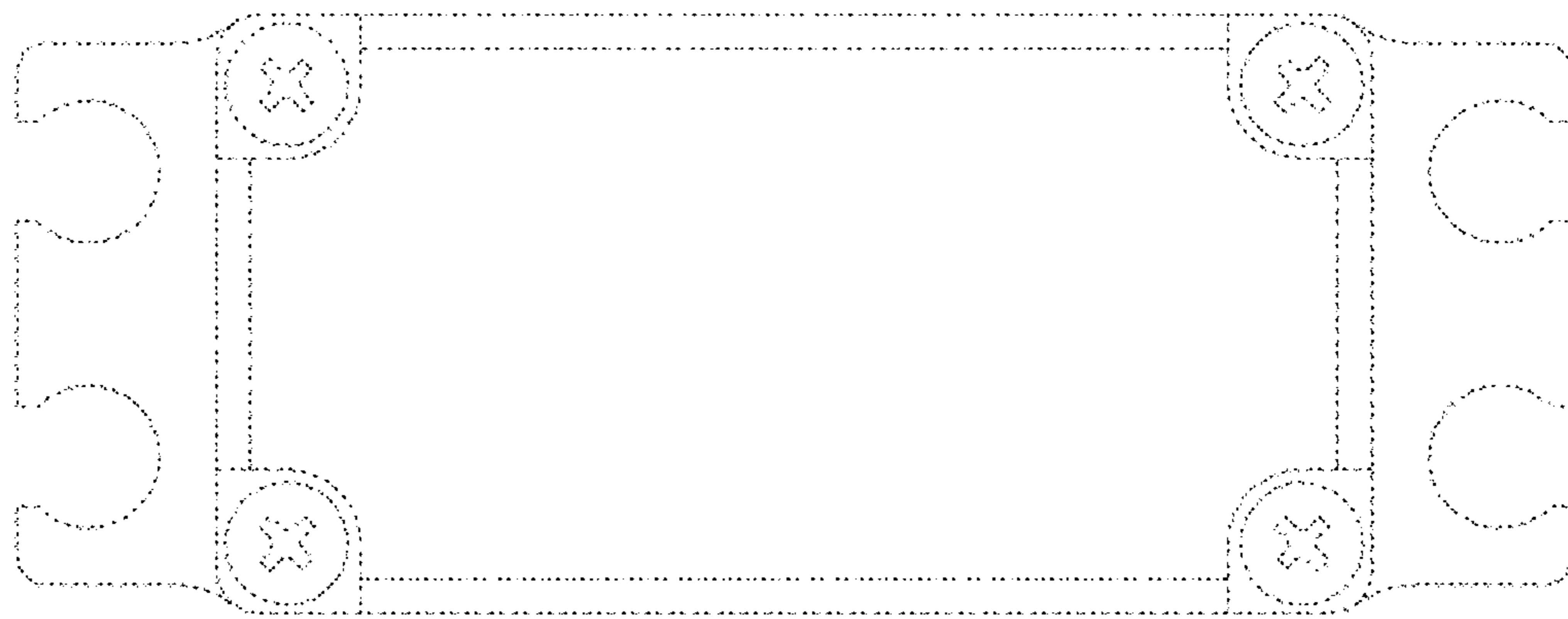


Fig. 4

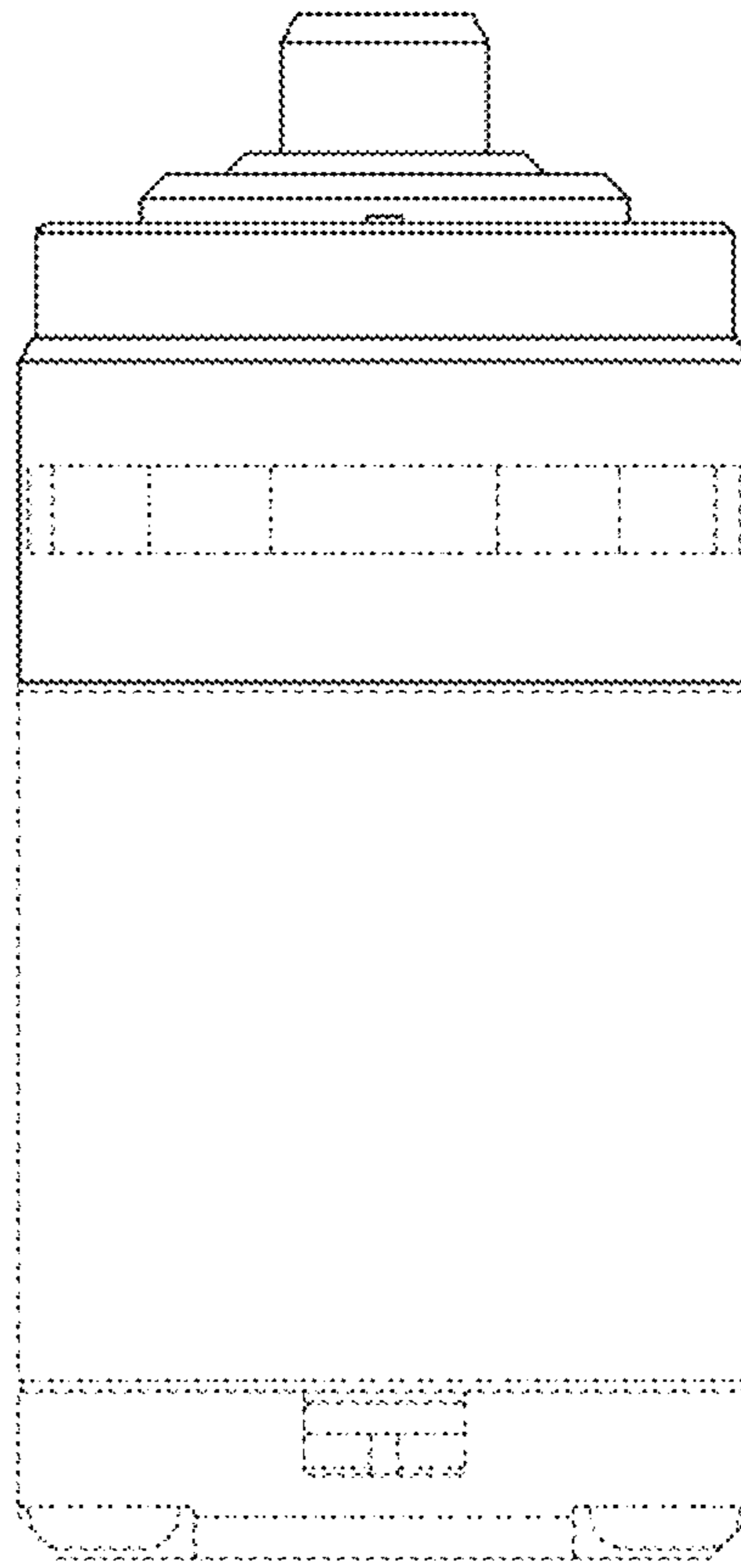


Fig. 5

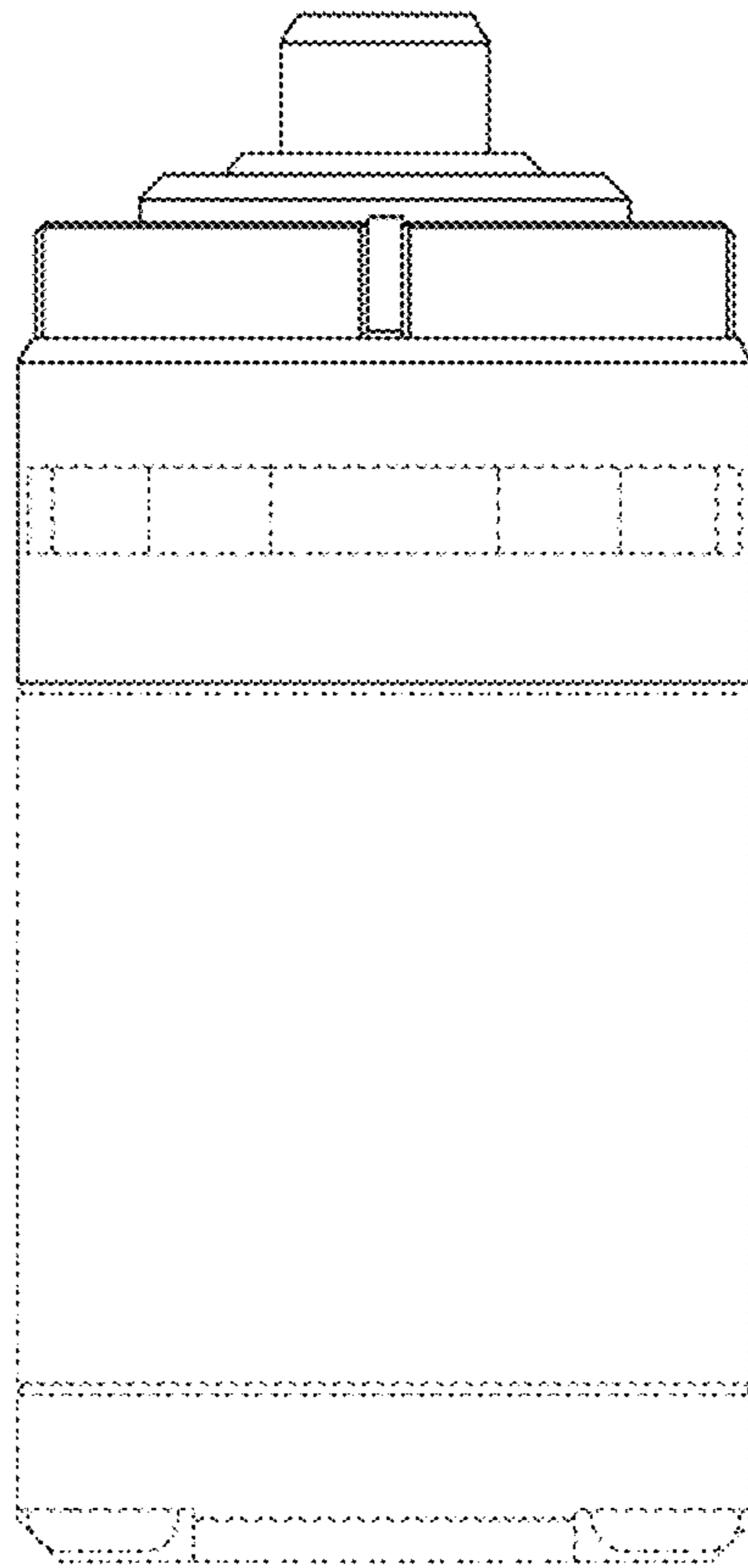


Fig. 6

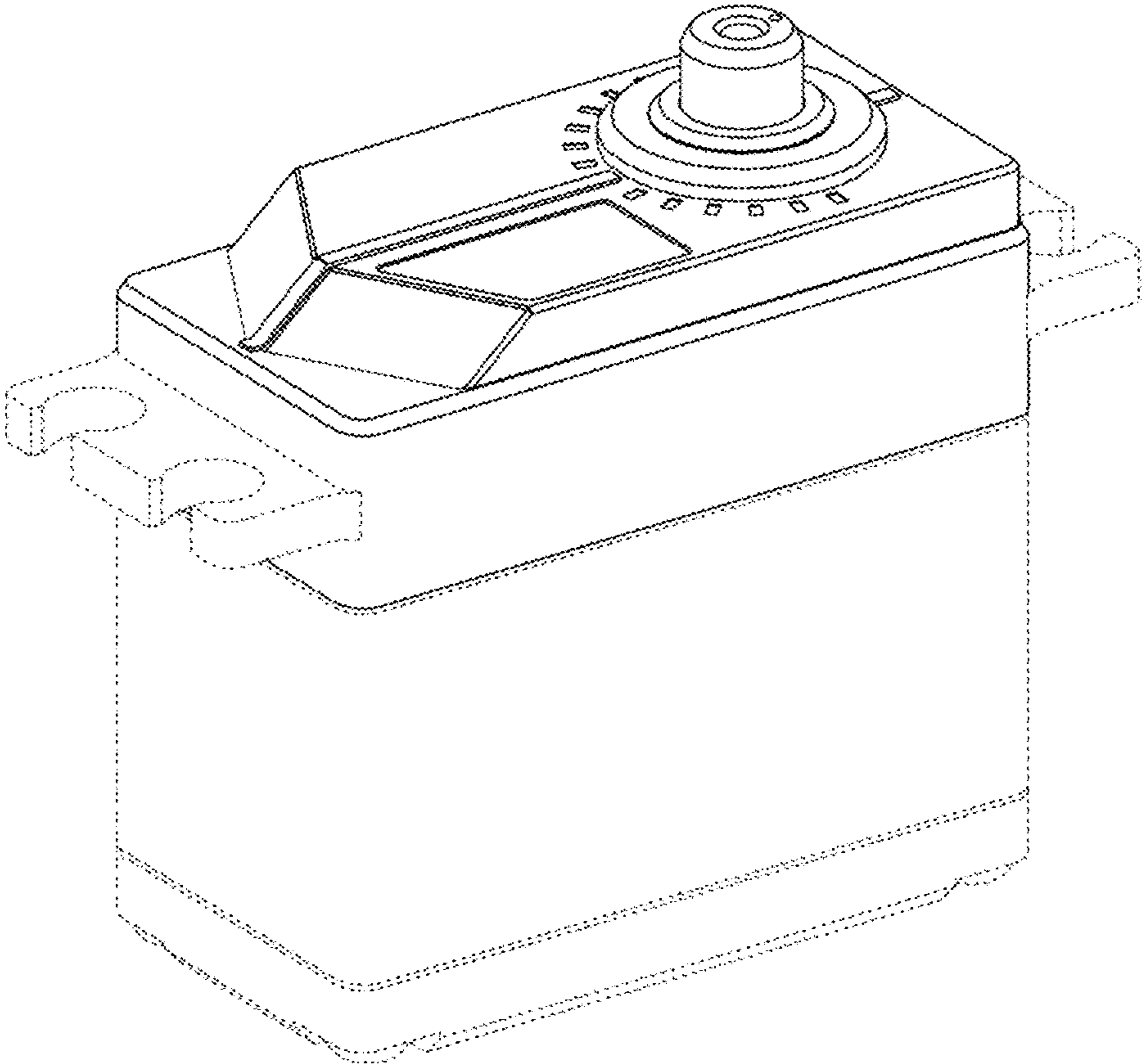


Fig. 7