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(12) **United States Design Patent** (10) **Patent No.:** **US D793,335 S**
Ebrahimi Afrouzi et al. (45) **Date of Patent:** **** Aug. 1, 2017**

(54) **CHARGING APPARATUS WITH EXTENDABLE CHARGING CABLE FOR A MOBILE ROBOTIC DEVICE**

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

(21) Appl. No.: **29/559,072**

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(51) **LOC (10) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/107**

(58) **Field of Classification Search**
USPC D13/107-110, 118-119, 184; D14/251, D14/253, 432, 434, 447; D32/31, 21
CPC Y02E 60/12; Y02T 90/14; Y02T 90/122; Y02T 90/128; Y02T 90/163; H02J 7/025; H02J 7/0042; H02J 7/0044; H02J 7/0045; H02J 7/0003; H01F 38/14; H01R 13/6675; H01M 2/1022; H01M 2/1055; H01M 10/44; H01M 10/46; H01M 10/425; B60L 11/182
See application file for complete search history.

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Primary Examiner — Rosemary K Tarcza
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(57) **CLAIM**

The ornamental design for a charging apparatus with extendable charging cable for a mobile robotic device, as shown and described.

DESCRIPTION

FIG. 1 is a front elevation view of a charging apparatus with extendable charging cable for a mobile robotic device, with the charging cable shown in the extended position;
FIG. 2 is a right side elevation view thereof, with the charging cable in the extended position, the left side being a mirror image;
FIG. 3 is a perspective view thereof, with the charging cable in the extended position;
FIG. 4 is a rear elevation view thereof, with the charging cable in the extended position;
FIG. 5 is a front elevation view thereof, with the charging cable in a retracted position;
FIG. 6 is a rear elevation view thereof, with the charging cable in a retracted position;
FIG. 7 is a perspective view thereof, with the charging cable in a retracted position;
FIG. 8 is a right side elevation view thereof, with the charging cable in a retracted position, the left side being a mirror image;
FIG. 9 is a top plan view thereof; and,
FIG. 10 is a bottom plan view thereof.

1 Claim, 10 Drawing Sheets

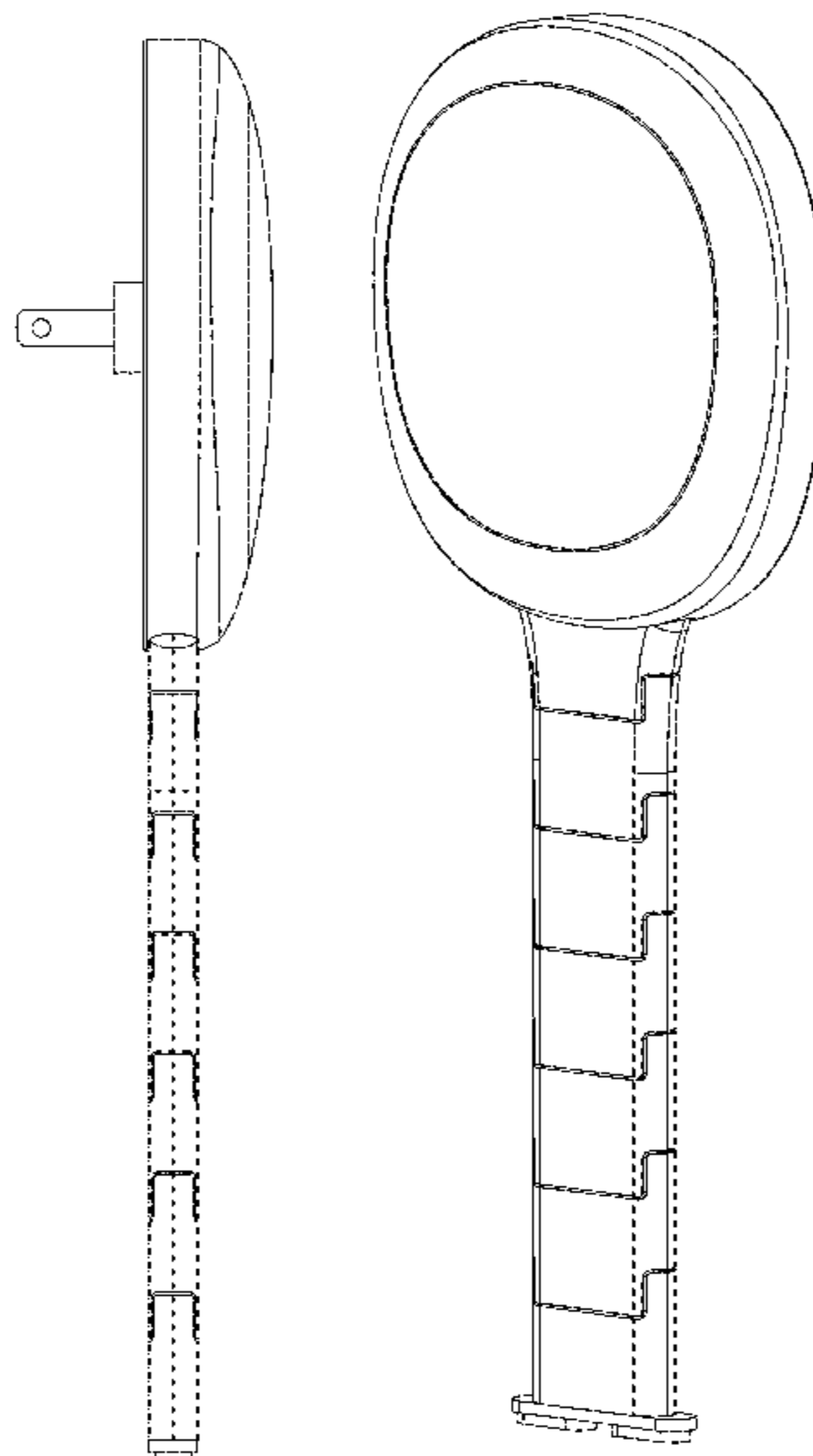


FIG. 1

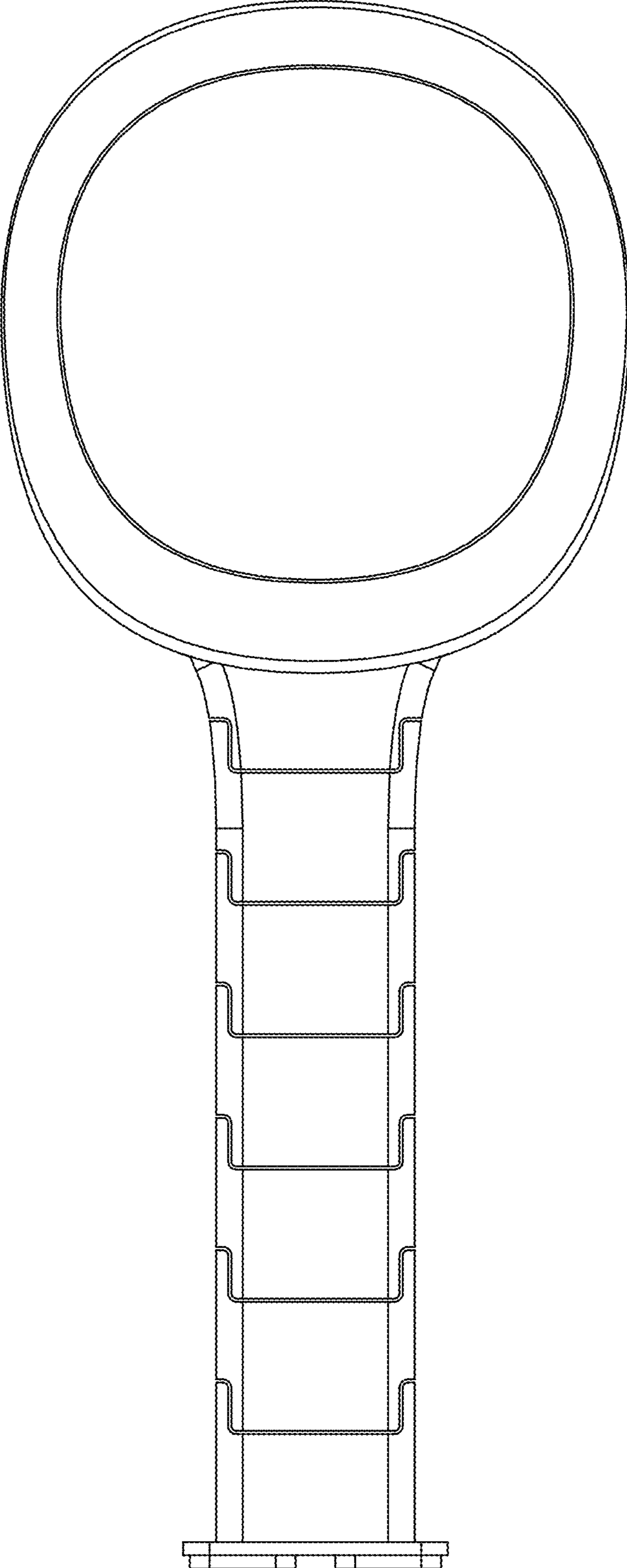


FIG. 2

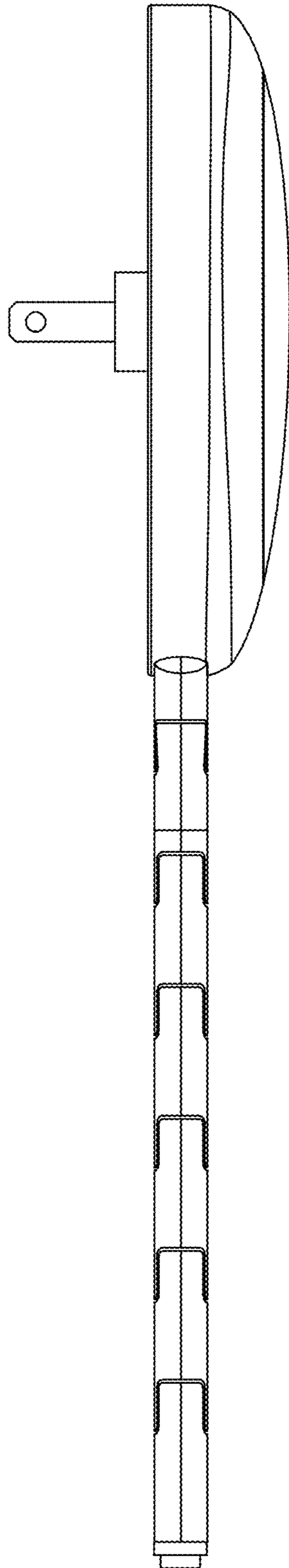


FIG. 3

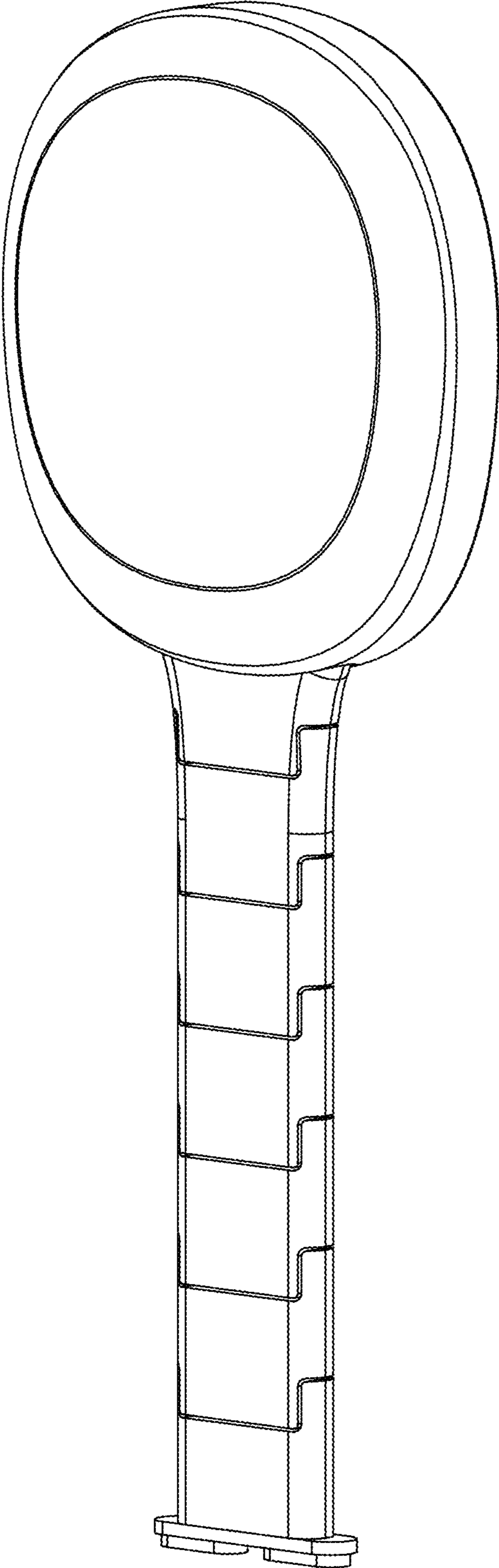


FIG. 4

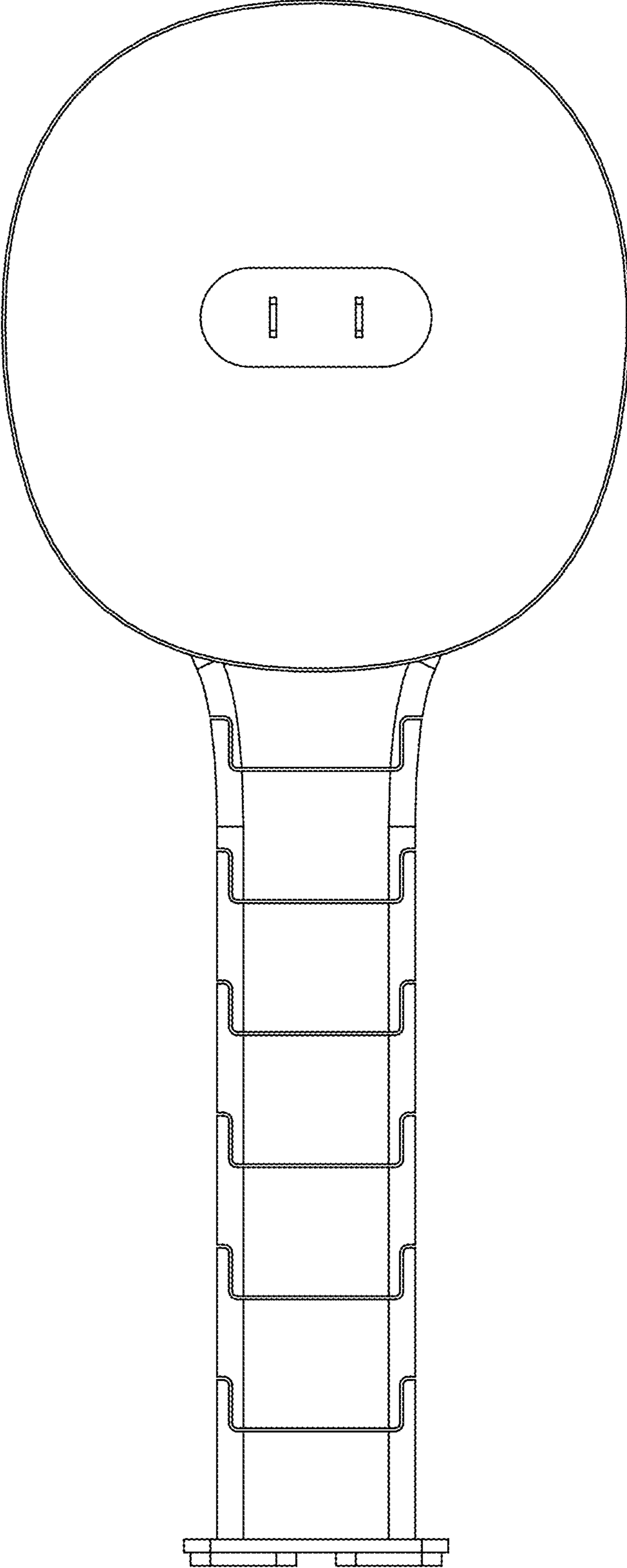


FIG. 5

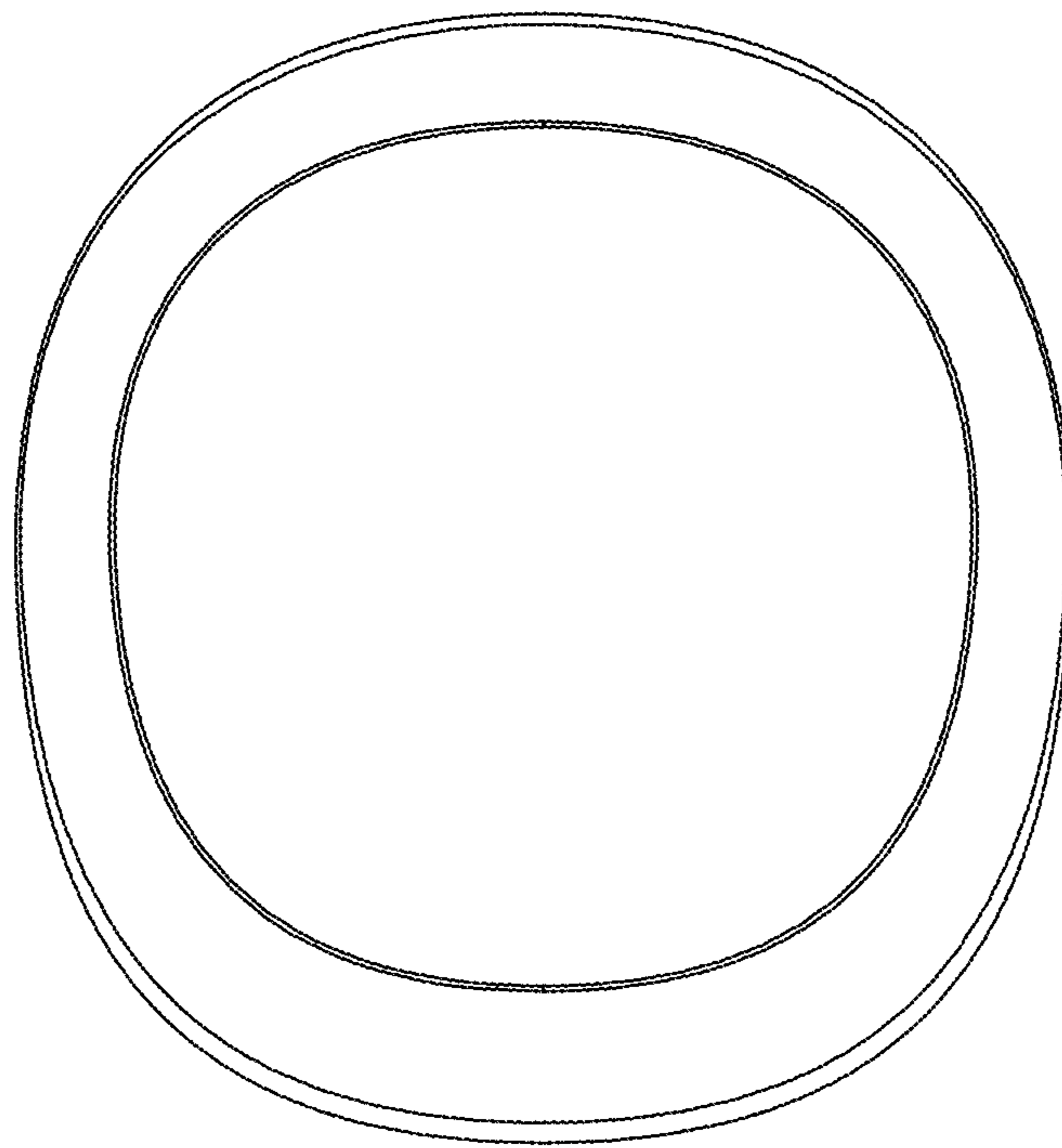


FIG. 6

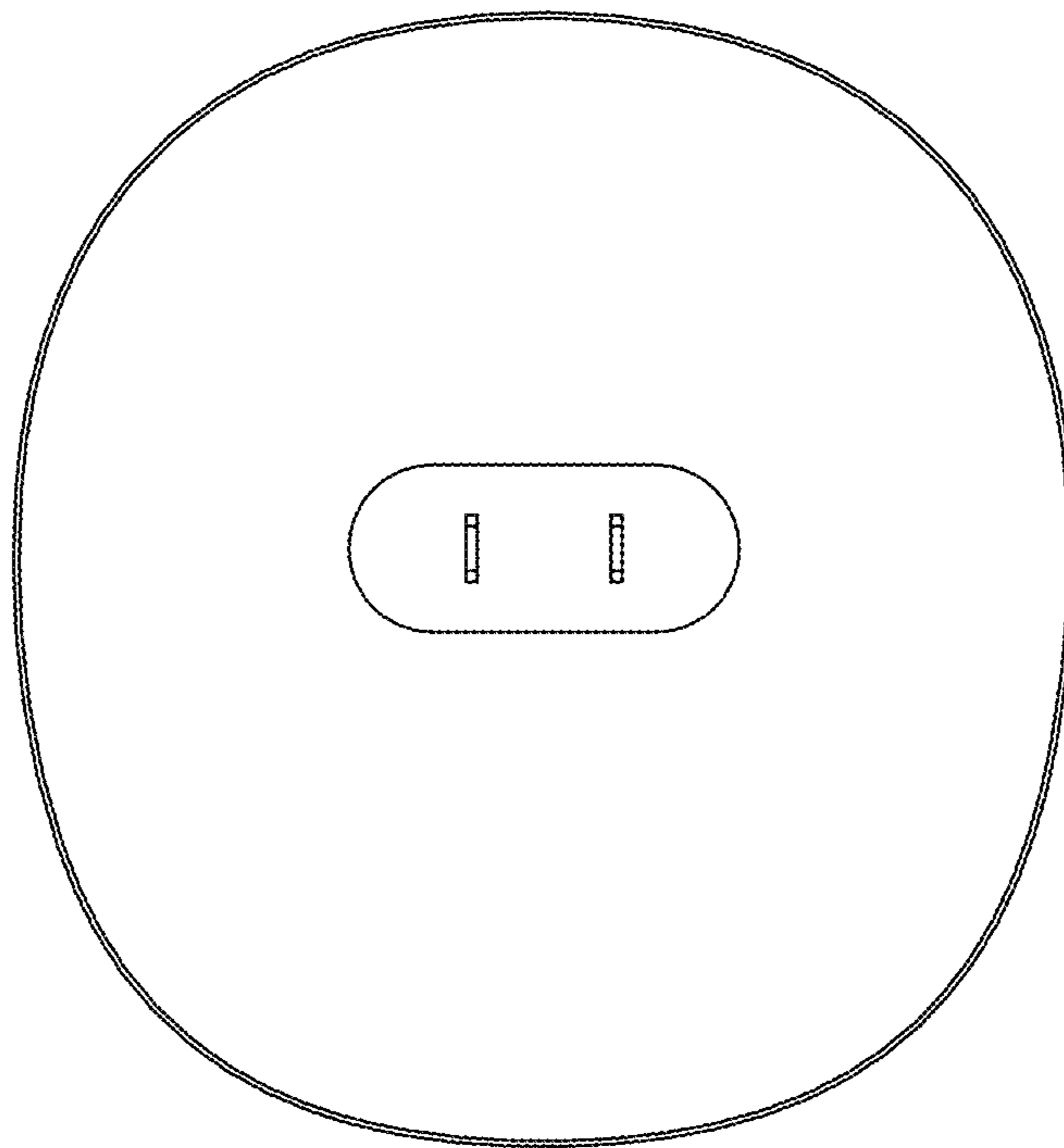


FIG. 7

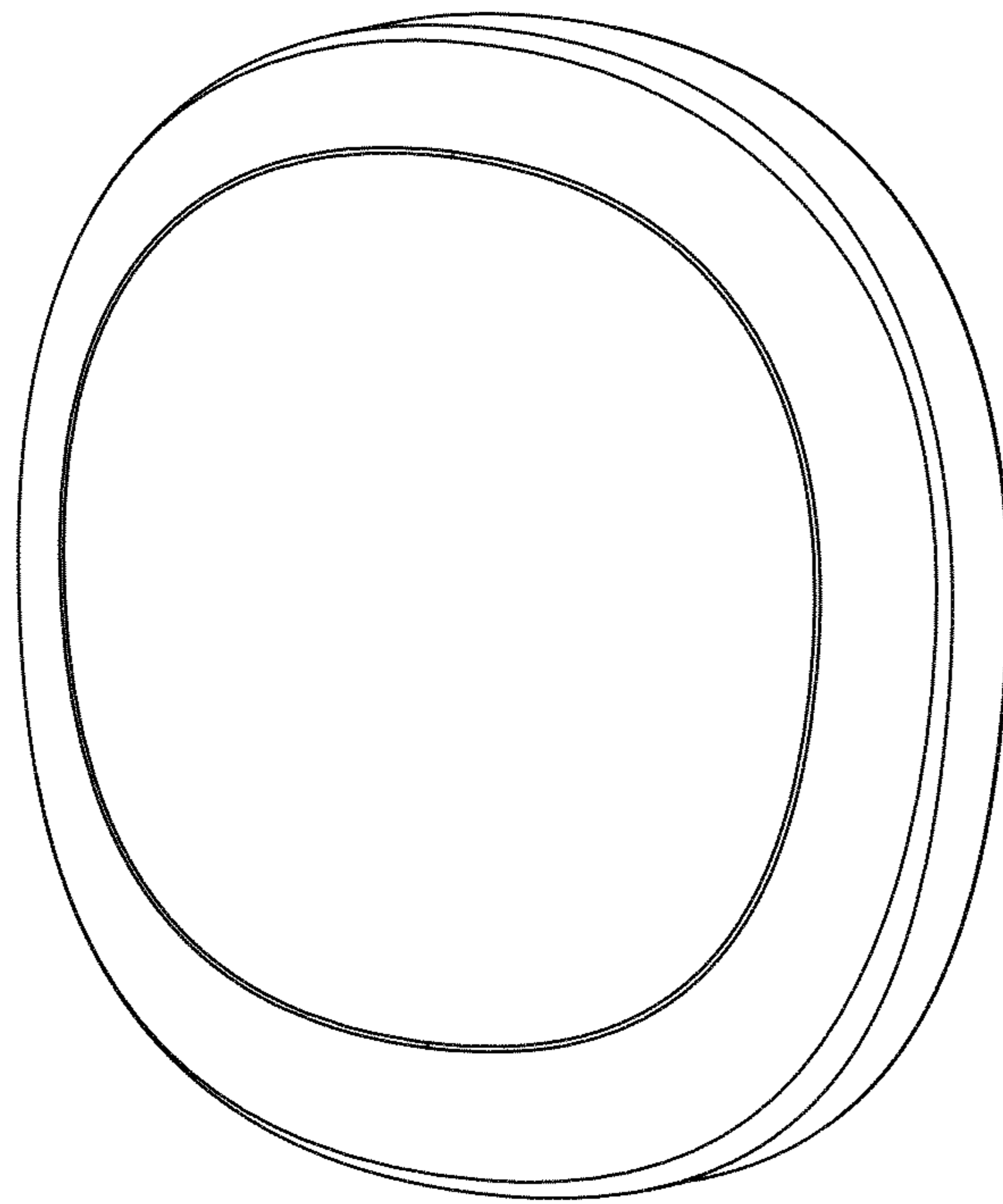


FIG. 8

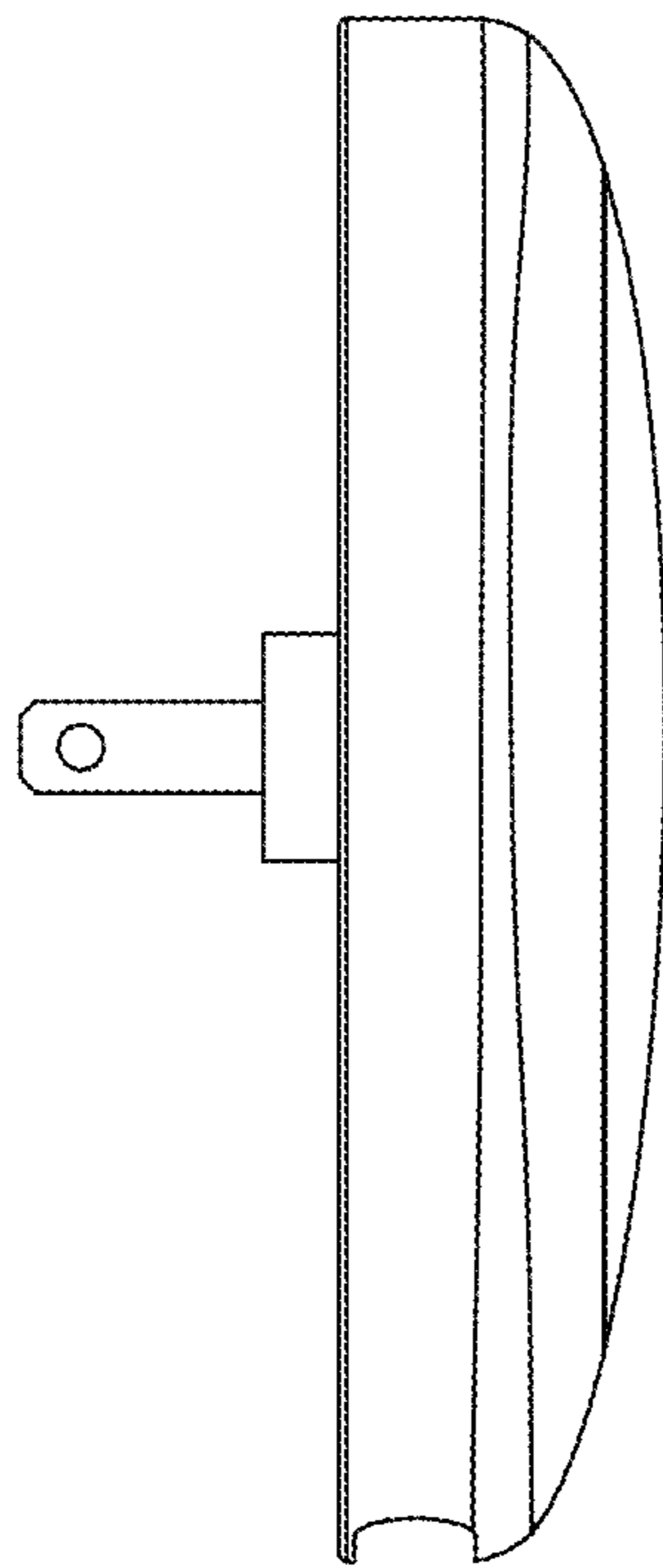


FIG. 9

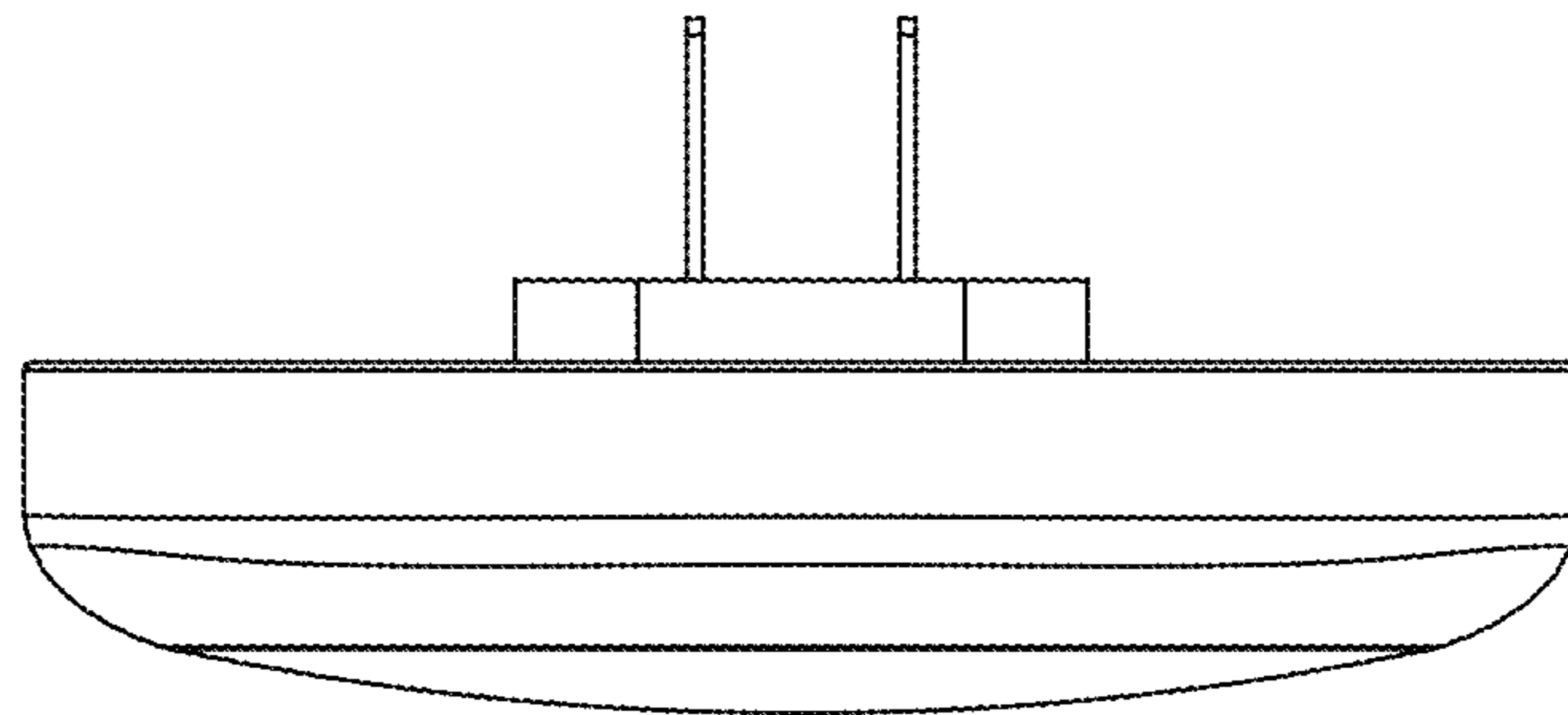


FIG. 10

