



US0D1031044S

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

(10) **Patent No.: US D1,031,044 S**
(45) **Date of Patent: ** Jun. 11, 2024**

(54) **ENDORECTAL COIL HOLDER**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM**, Austin, TX (US)

CN 302768382 * 3/2014

(72) Inventor: **Xiaosong Meng**, Dallas, TX (US)

OTHER PUBLICATIONS

(73) Assignee: **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM**, Austin, TX (US)

“BiMedis: Ultrasound Ablation of the Prostate with a Help of Tulsa-Pro System.” Found online Dec. 8, 2023 at bimedis.com. Reference dated Jul. 29, 2016. Retrieved from https://bimedis.com/latest-news/browse/382/ultrasound-ablation-of-the-prostate-with-a-help-of-tulsa-pro-system.*

(Continued)

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

Primary Examiner — Kendra Leslie Hamilton

(21) Appl. No.: **29/830,187**

Assistant Examiner — Elizabeth S Struble

(22) Filed: **Mar. 10, 2022**

(74) *Attorney, Agent, or Firm* — POLSINELLI PC

(51) **LOC (14) Cl.** **24-01**

(57) **CLAIM**

(52) **U.S. Cl.**

The ornamental design for a endorectal coil holder, as shown and described.

USPC **D24/158**; D24/128

DESCRIPTION

(58) **Field of Classification Search**

USPC D24/128, 152, 158, 161, 176, 221; D8/250, 353, 354, 380, 381, 382; D23/259, 262

CPC .. G01R 33/34084; G01R 33/34; G01R 33/32; G01R 33/285; G01R 33/20; A61N 2005/1008; A61N 2005/1012; A61N 5/1007; A61B 5/055; A61B 5/06; A61B 5/061; A61B 5/065; A61B 5/4381

See application file for complete search history.

FIG. 1 is a perspective view of a endorectal coil holder, showing my new design; FIG. 2 is a right side elevational view thereof; FIG. 3 is a left side elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a front elevational view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; and, FIG. 8 a perspective, environmental view thereof.

(56) **References Cited**

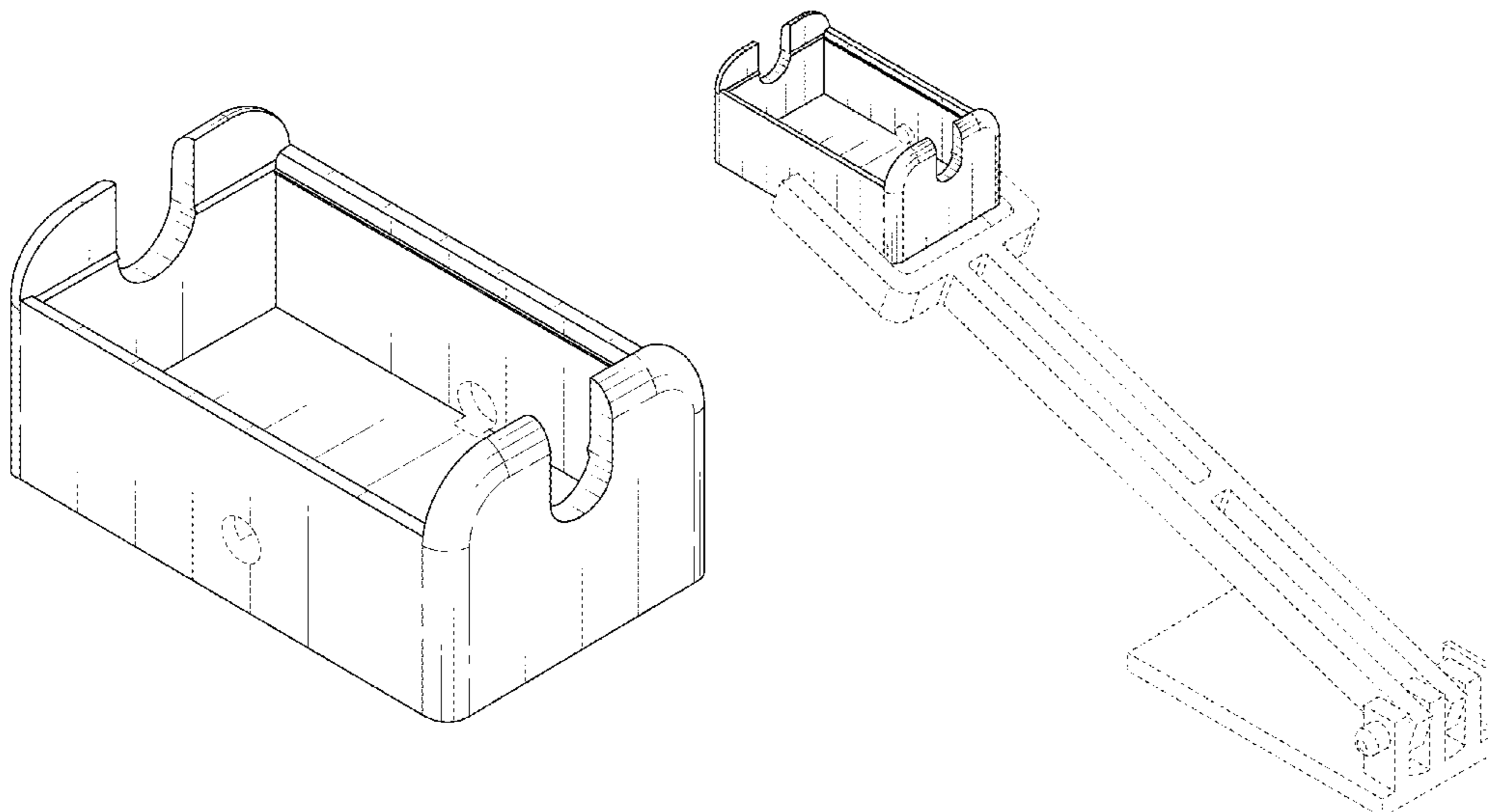
U.S. PATENT DOCUMENTS

- D168,074 S * 10/1952 Symington D8/371
- D485,356 S * 1/2004 Evans D24/128
- D513,168 S * 12/2005 Chu D8/356
- D549,826 S * 8/2007 Aoki D24/158
- D755,972 S * 5/2016 Steward, Jr. D24/161
- D820,976 S * 6/2018 Petersen D24/128
- D886,991 S * 6/2020 Kindler D8/356

(Continued)

The broken lines shown in the Figures are environment only and show portions of the endorectal coil holder that form no part of the claimed design. The broken lines immediately adjacent the shaded areas represent the bounds of the claimed design while all other broken lines are directed to environment and are for illustrative purposes only; the broken lines form no part of the claimed design. The shade lines in the Figures show contour and do not claim surface ornamentation or treatment.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D919,812 S * 5/2021 Murray H04N 23/745
D24/158
D947,374 S * 3/2022 Lindsay D24/128
D979,049 S * 2/2023 Hartman D8/382
D983,363 S * 4/2023 Yau D24/128
2014/0167758 A1 * 6/2014 Sambandamurthy .. A61B 5/055
324/322
2023/0285104 A1 * 9/2023 Meng A61B 5/70

OTHER PUBLICATIONS

“ResearchGate: Prostate MRI and 3D MR spectroscopy: How we do it.” Found Dec. 8, 2023 at [researchgate.net](https://www.researchgate.net). Reference dated Jun. 2010. Retrieved from https://www.researchgate.net/figure/Photograph-shows-expandable-endorectal-coil_fig1_44617629.*

“Siemens: Endorectal Coil Interface.” Found online Jan. 16, 2024 at [siemens-healthineers.com](https://www.siemens-healthineers.com). Reference dated Sep. 26, 2023. Retrieved from <https://www.siemens-healthineers.com/en-us/magnetic-resonance-imaging/options-and-upgrades/coils/endorectal-coil-interface>.*

“Inchor: White Cable Clips.” Found online Dec. 8, 2023 at [amazon.com](https://www.amazon.com). Reference dated Jun. 29, 2020. Retrieved from <https://www.amazon.com/Organizer-Management-Organizers-Holder-Office/dp/B08BZJY7R6/>.*

* cited by examiner

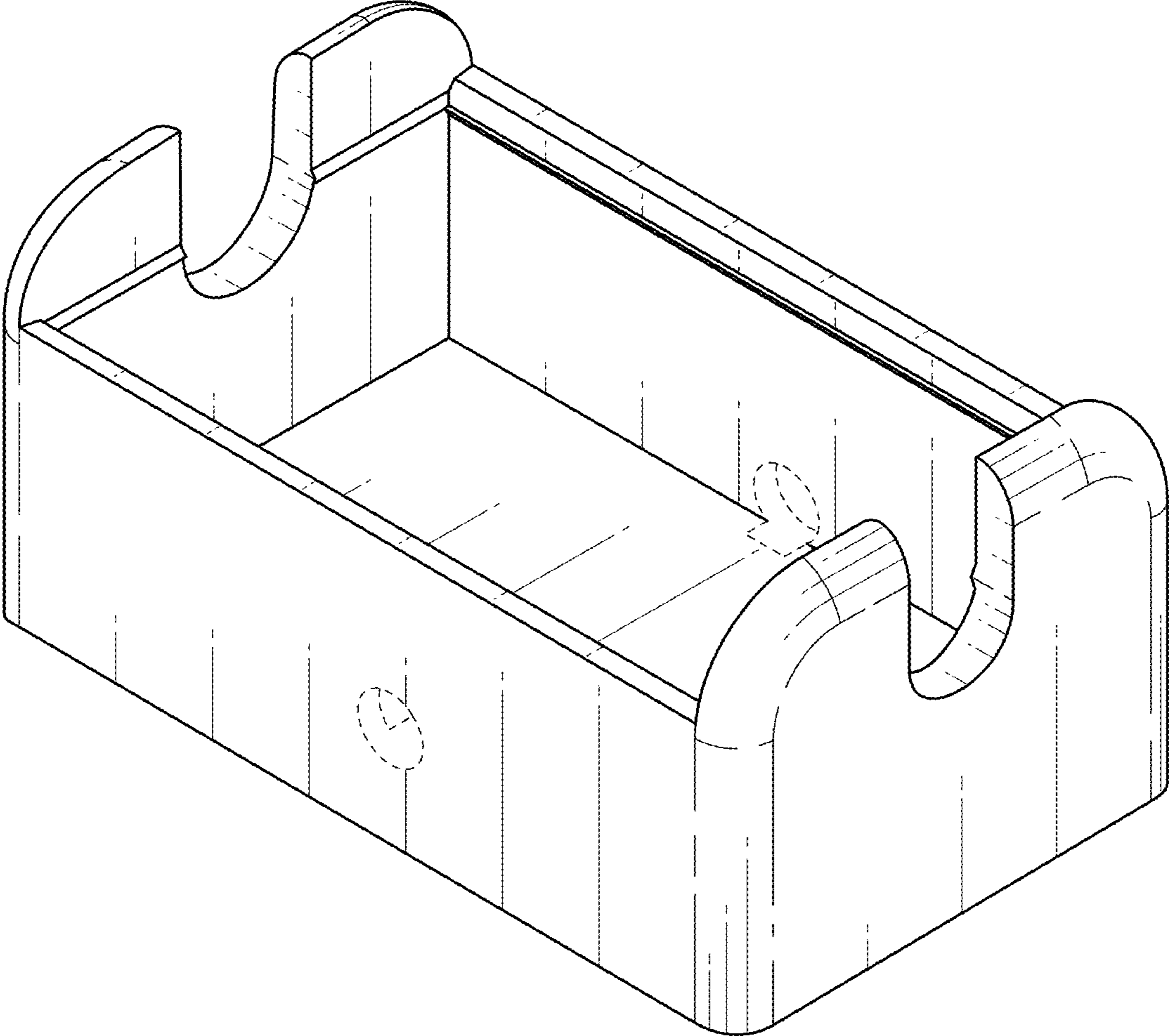


FIG. 1

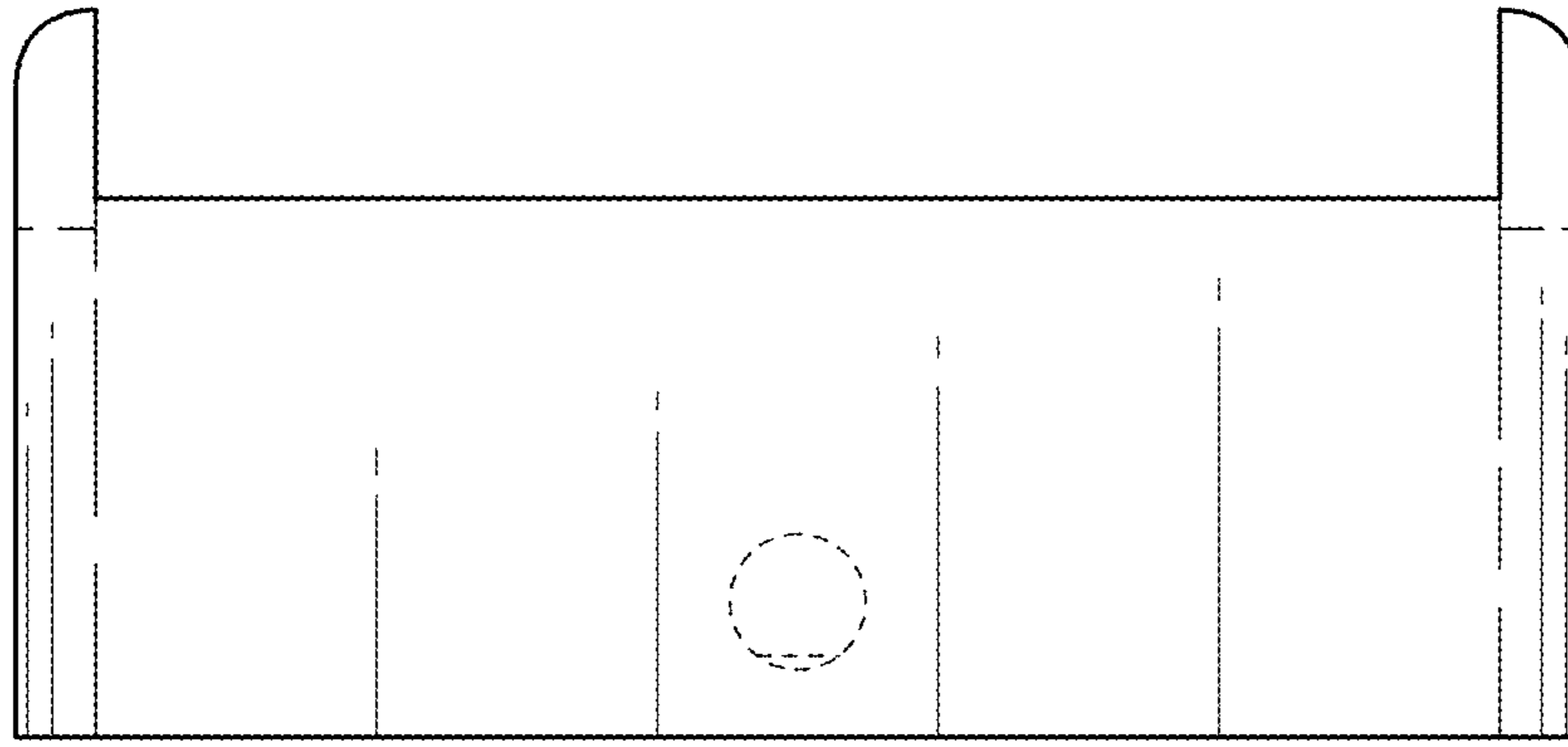


FIG. 2

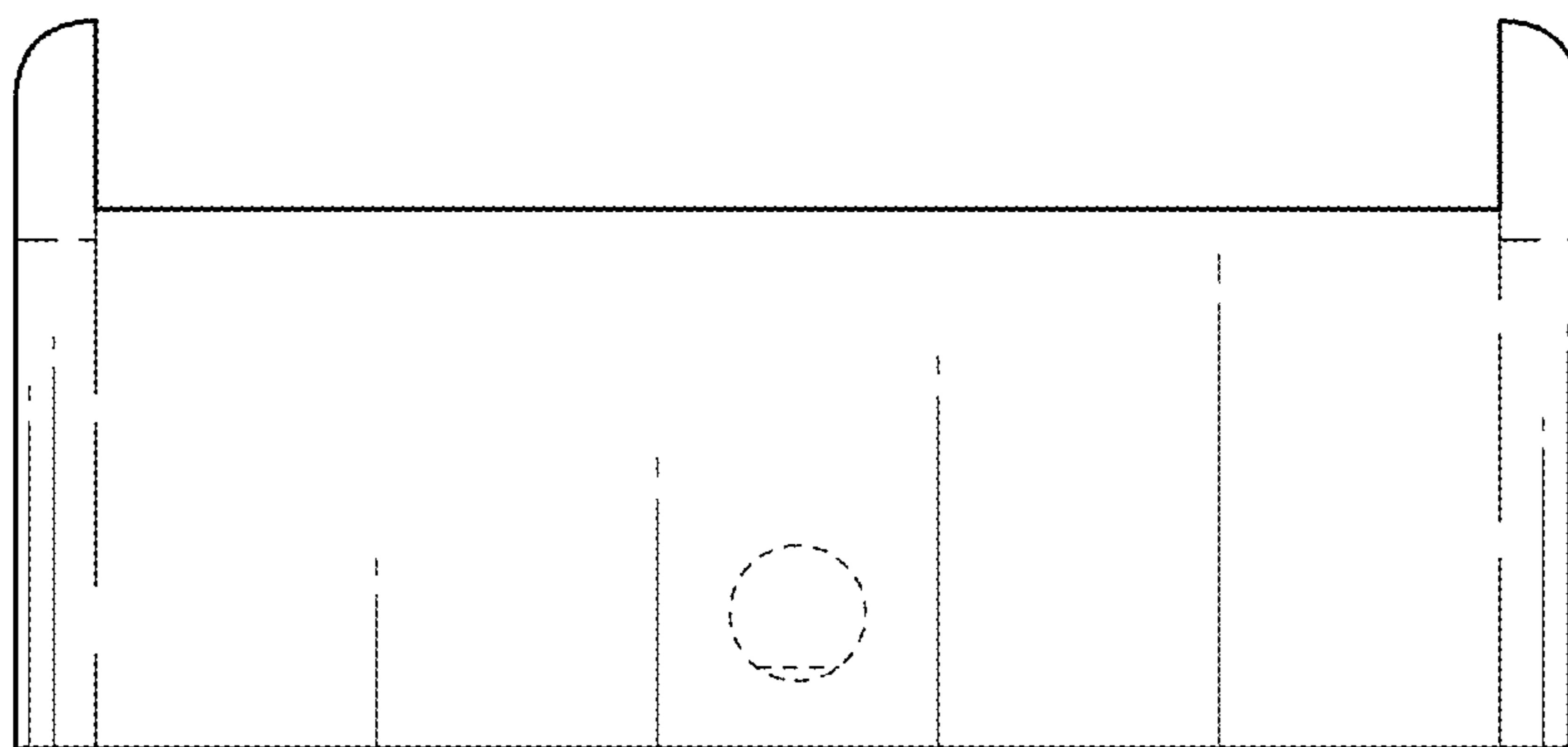


FIG. 3

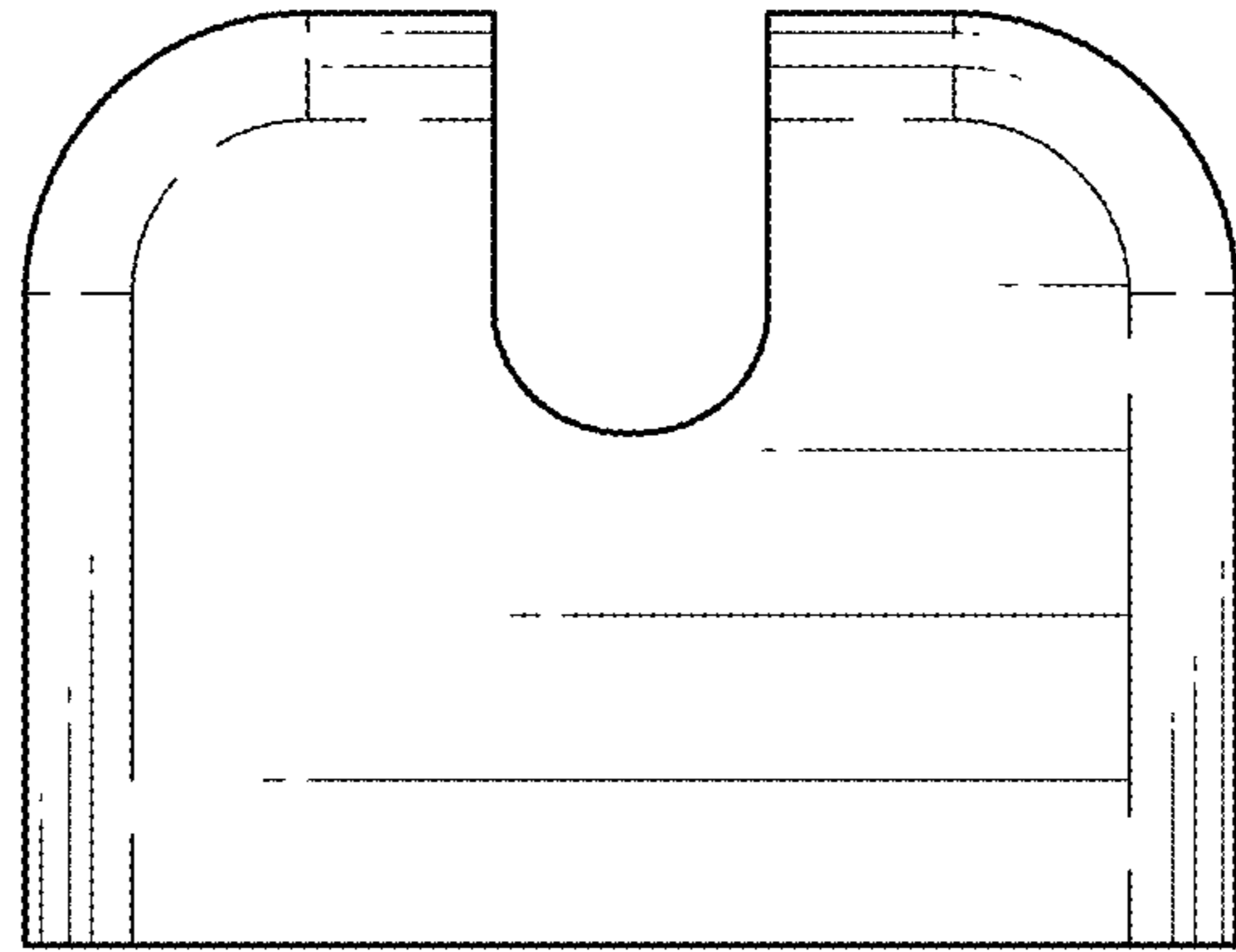


FIG. 4

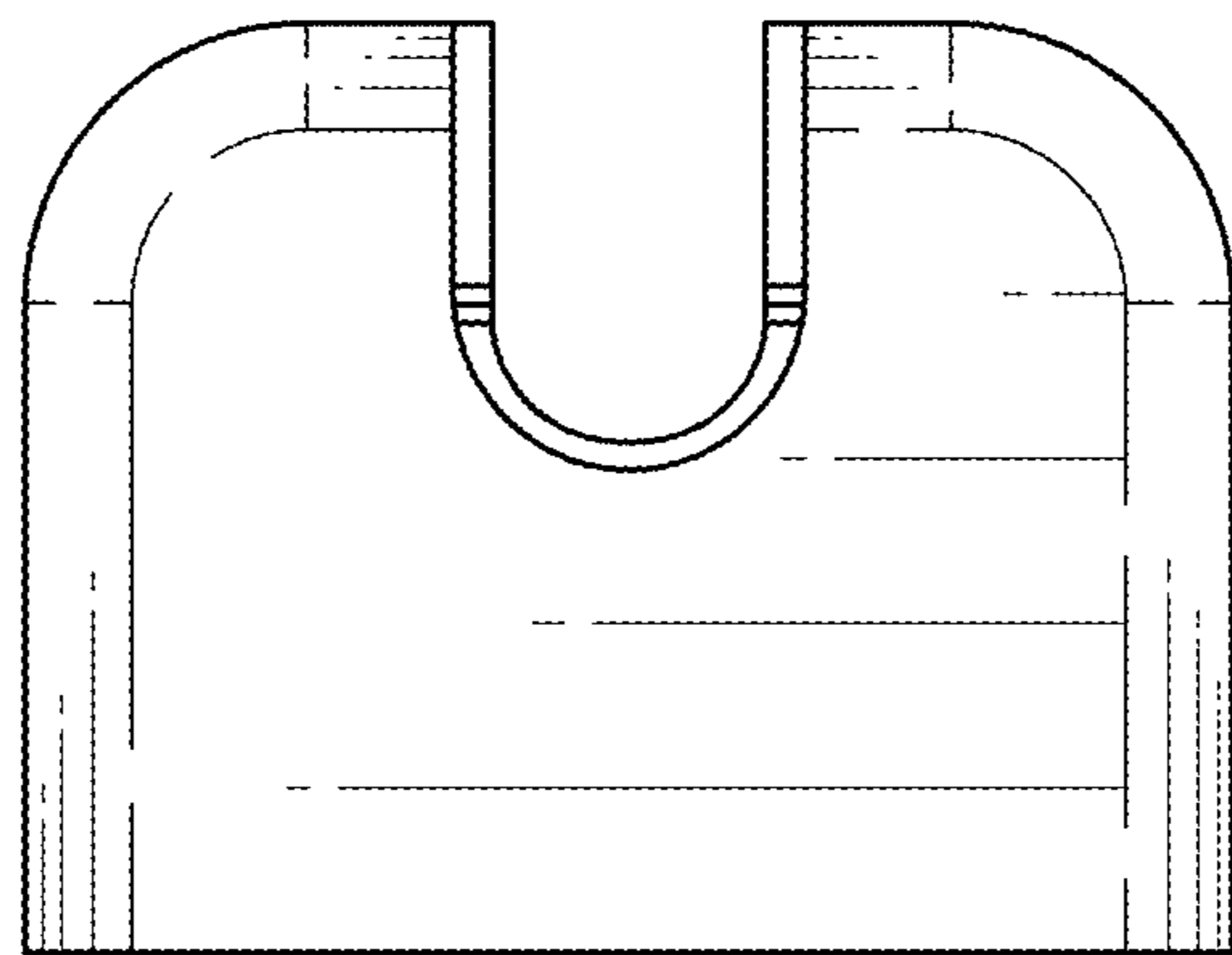


FIG. 5

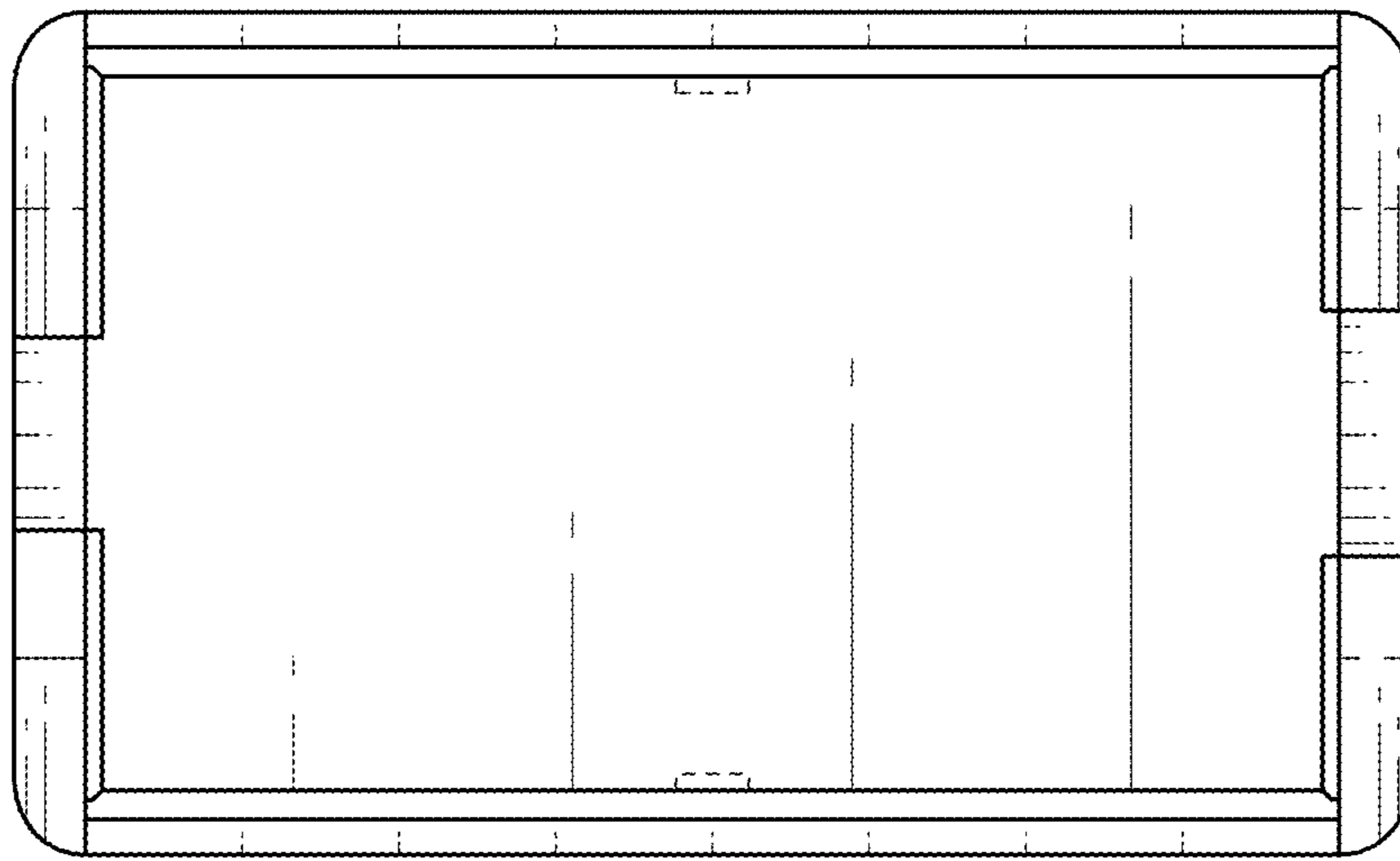


FIG. 6

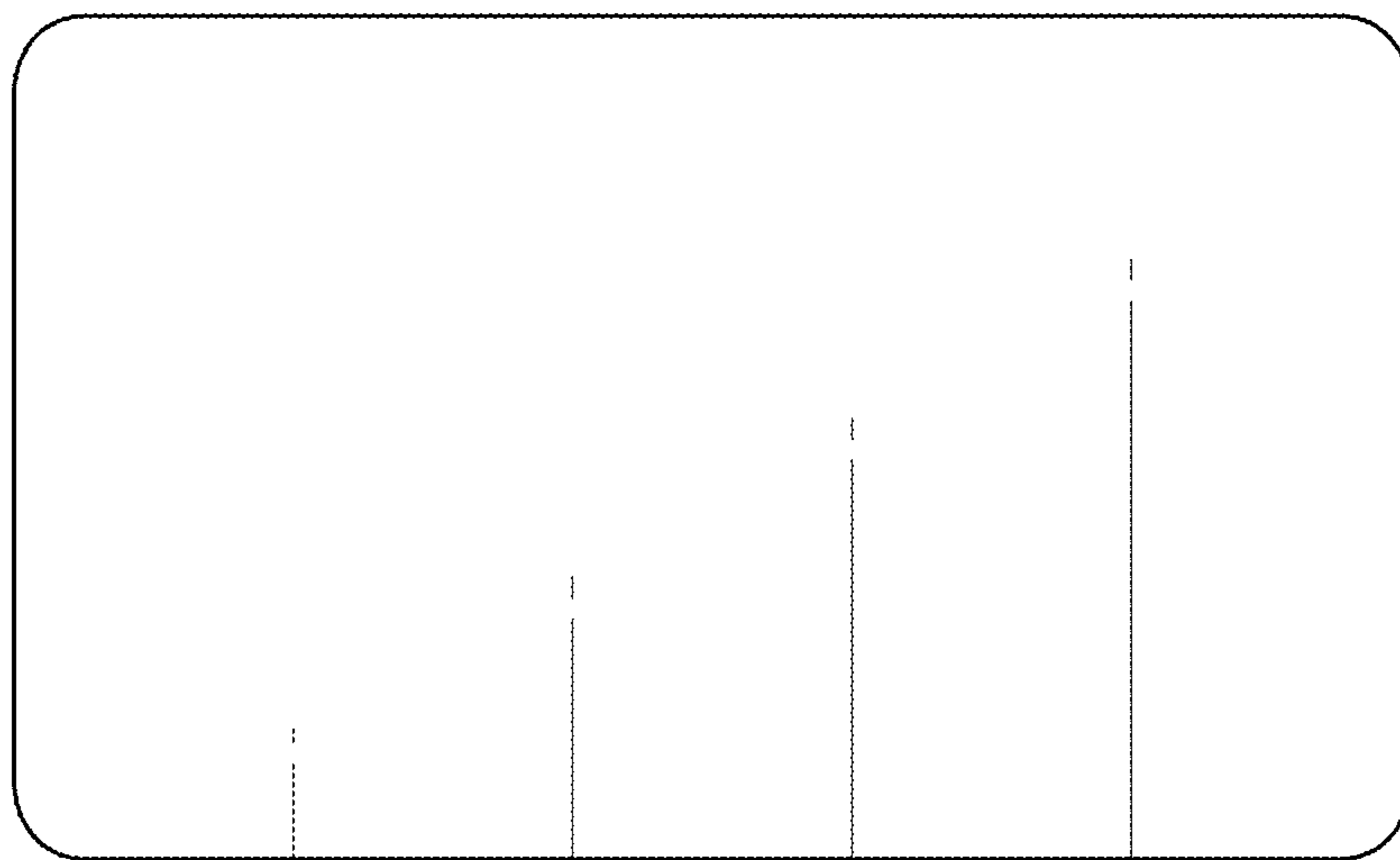


FIG. 7

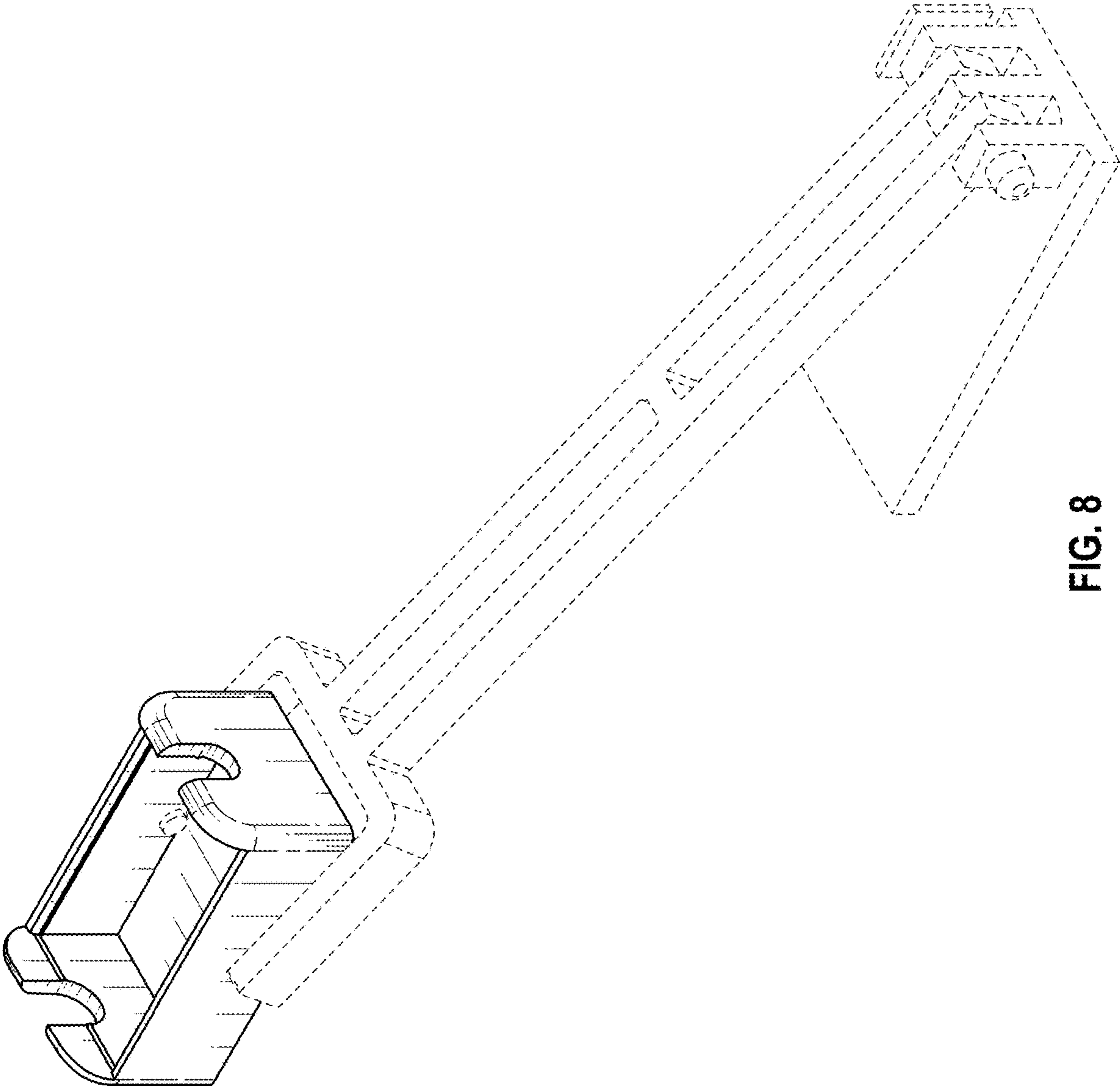


FIG. 8