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(12) United States Design Patent

Zhao

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(45) Date of Patent: ** Jul. 28, 2026

(54) **POWER COUPLER**

(71) Applicant: **Deson Hospitality Equipment Design (Shenzhen) Co., Ltd.**, Shenzhen (CN)

(72) Inventor: **Fang Zhao**, Shenzhen (CN)

(73) Assignee: **Deson Hospitality Equipment Design (Shenzhen) Co., Ltd.**, Shenzhen (CN)

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

(21) Appl. No.: **29/961,565**

(22) Filed: **Sep. 6, 2024**

(30) **Foreign Application Priority Data**

Mar. 25, 2024 (CN) 202430157480.7

(51) **LOC (15) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/433**

(58) **Field of Classification Search**
USPC D8/349, 364, 382; D13/118, 120, 133, D13/137.1; D14/242, 299, 329, 330, 433
(Continued)

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Primary Examiner — Joseph Kukella
Assistant Examiner — Rene H. Kadoo
(74) *Attorney, Agent, or Firm* — Edward Darius Robinson

(57) **CLAIM**

The ornamental design for a power coupler, as shown and described.

DESCRIPTION

FIG. **1** is a front, right and top perspective view of a first embodiment of a power coupler, showing my design.
FIG. **2** is a rear, left and bottom perspective view thereof.
FIG. **3** is a front elevation view thereof.
FIG. **4** is a rear elevation view thereof.
FIG. **5** is a left side elevation view thereof.
FIG. **6** is a right side elevation view thereof.
FIG. **7** is a top plan view thereof.
FIG. **8** is a bottom plan view thereof.
FIG. **9** is an enlarged view of detail **9** in FIG. **2**.
FIG. **10** is another rear, left and bottom perspective view of the power coupler of FIG. **1** in a usage state.
FIG. **11** is a bottom perspective view of the power coupler of FIG. **1** in an environment of use.
FIG. **12** is a front, right and top perspective view of a second embodiment of the power coupler.
FIG. **13** is a rear, left and bottom perspective view of FIG. **12**.
FIG. **14** is a front elevation view of FIG. **12**.
FIG. **15** is a rear elevation view of FIG. **12**.
FIG. **16** is a left side elevation view of FIG. **12**.
FIG. **17** is a right side elevation view of FIG. **12**.
FIG. **18** is a top plan view of FIG. **12**.
FIG. **19** is a bottom plan view of FIG. **12**.
FIG. **20** is an enlarged view of detail **20** in FIG. **13**.
FIG. **21** is another rear, left and bottom perspective view of the power coupler of FIG. **12** in a usage state.
FIG. **22** is a bottom perceptive view of the power coupler of FIG. **12** in an environment of use.
FIG. **23** is a front, right and top perspective view of a third embodiment of the power coupler.
FIG. **24** is a rear, left and bottom perspective view of FIG. **23**.
FIG. **25** is a front elevation view of FIG. **23**.
FIG. **26** is a rear elevation view of FIG. **23**.
FIG. **27** is a left side elevation view of FIG. **23**.
FIG. **28** is a right side elevation view of FIG. **23**.
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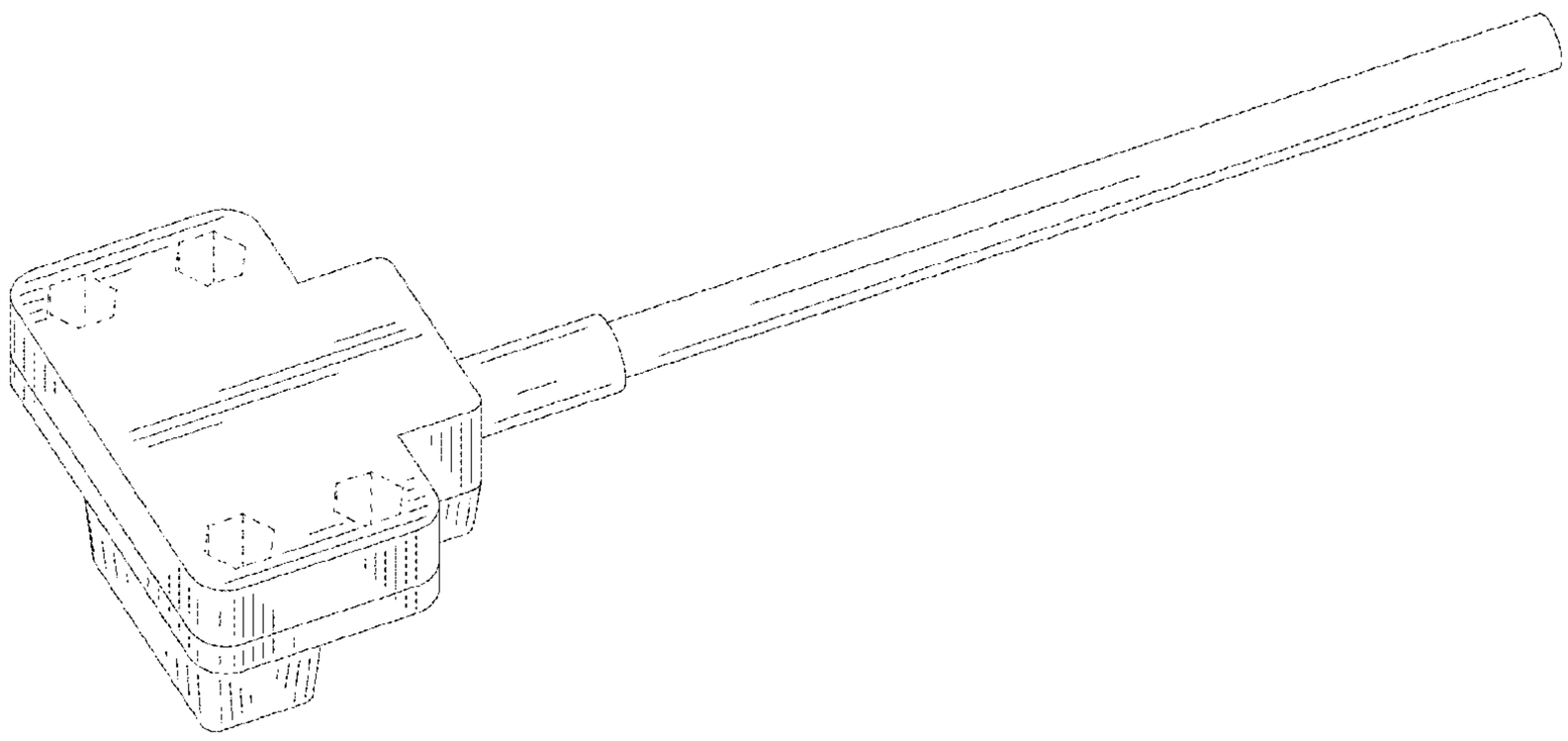


FIG. **29** is a top plan view of FIG. **23**.
FIG. **30** is a bottom plan view of FIG. **23**.
FIG. **31** is an enlarged view of detail **31** in FIG. **24**.
FIG. **32** is another rear, left and bottom perspective view of the power coupler of FIG. **23** in a usage state; and,
FIG. **33** is a bottom perspective view of the power coupler of FIG. **23** in an environment of use.
The dashed broken lines depict portions of the power coupler that form no part of the claimed design. The dot-dash broken lines in FIGS. **2**, **9**, **13**, **20**, **24**, and **31** depict the boundaries of the enlargement and form no part of the claimed design. The dashed broken lines shown in FIGS. **10-11**, **21-22**, and **33-33** are directed to environment that forms no part of the claimed design. All broken lines form no part of the claimed design.

1 Claim, 33 Drawing Sheets

(58) **Field of Classification Search**
CPC A47J 36/00; A47J 36/24; A47J 2201/00; A47B 31/00; A47B 2031/002; B62B 3/02; B62B 5/00; H01R 13/627; H01R 13/6278; H01R 4/50; H01R 25/00

See application file for complete search history.

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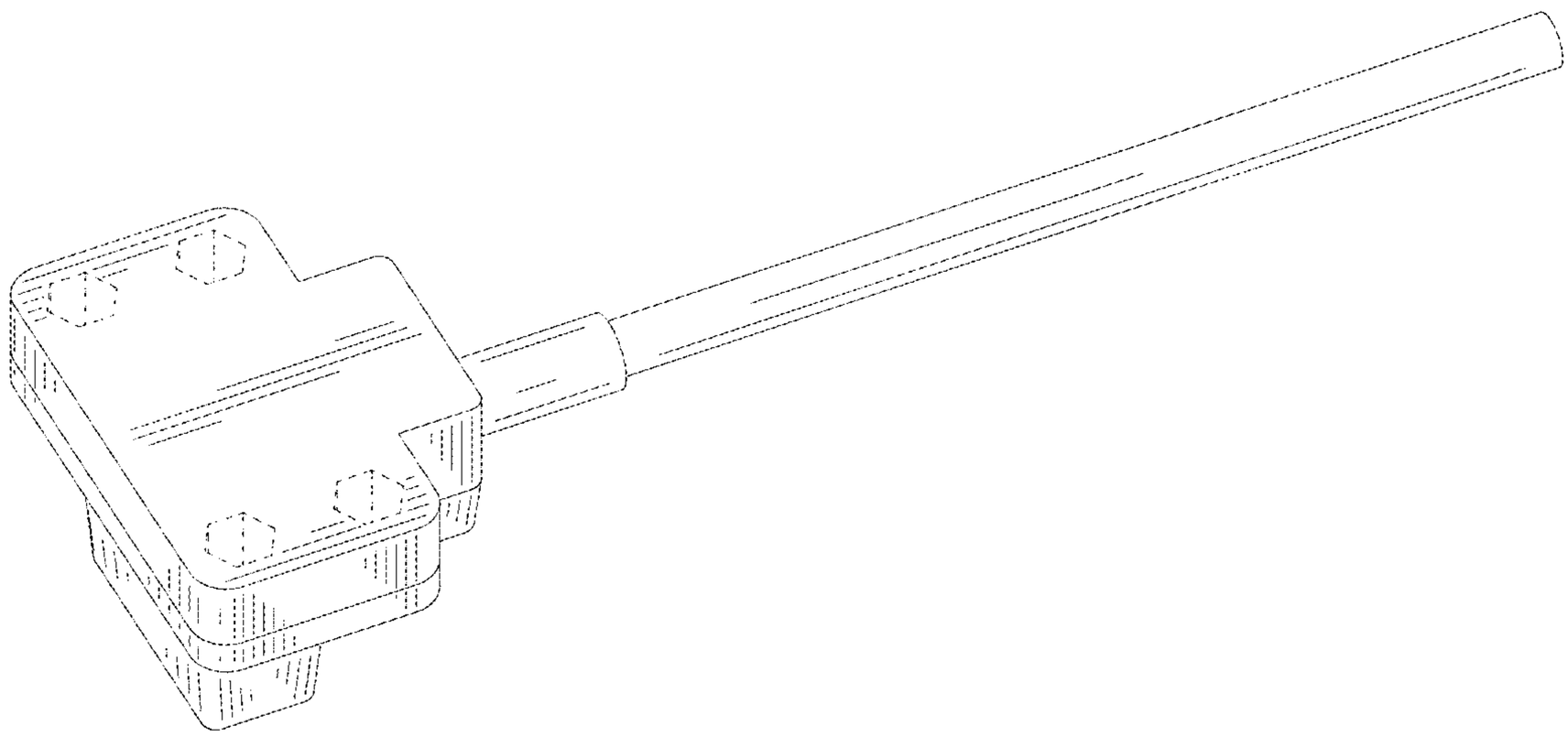


FIG. 1

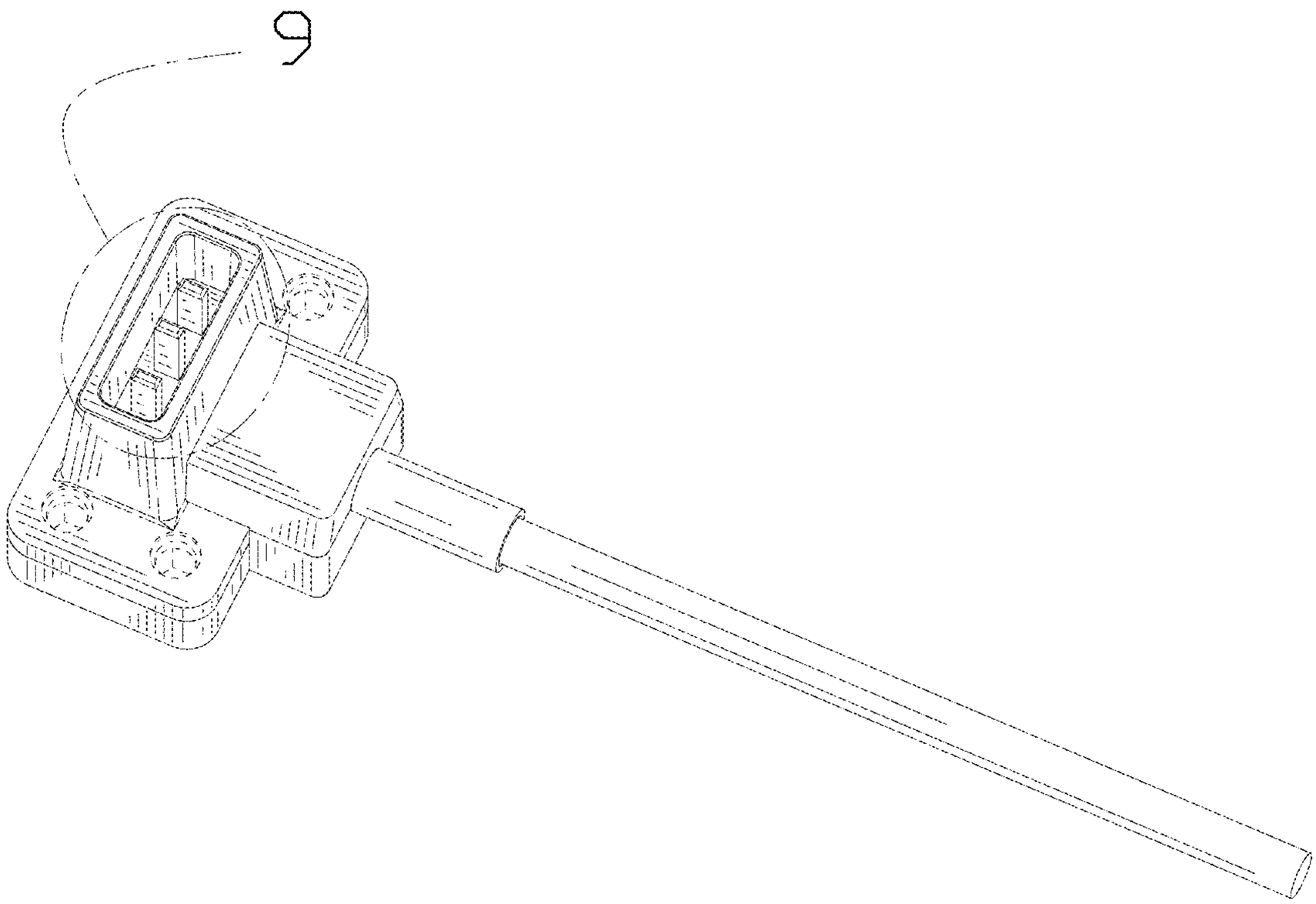


FIG. 2

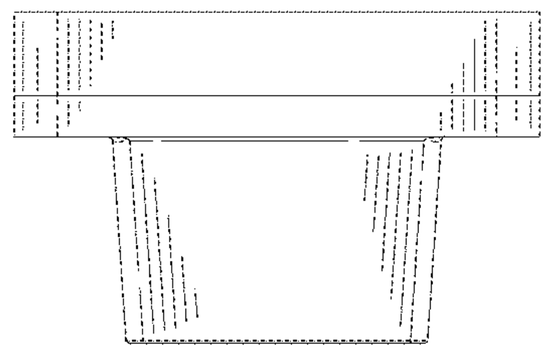


FIG. 3

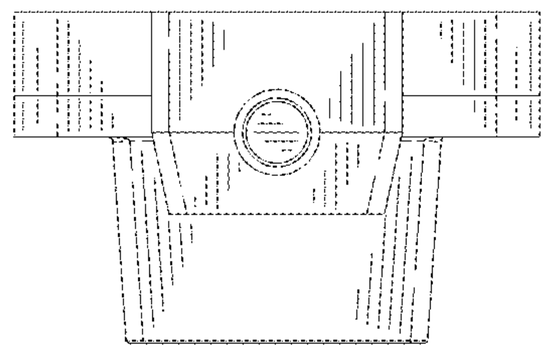


FIG. 4

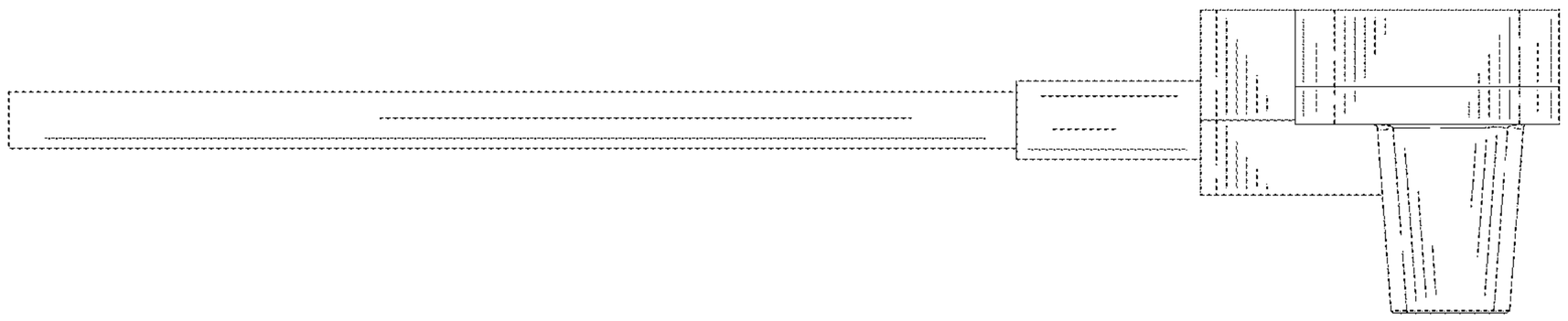


FIG. 5

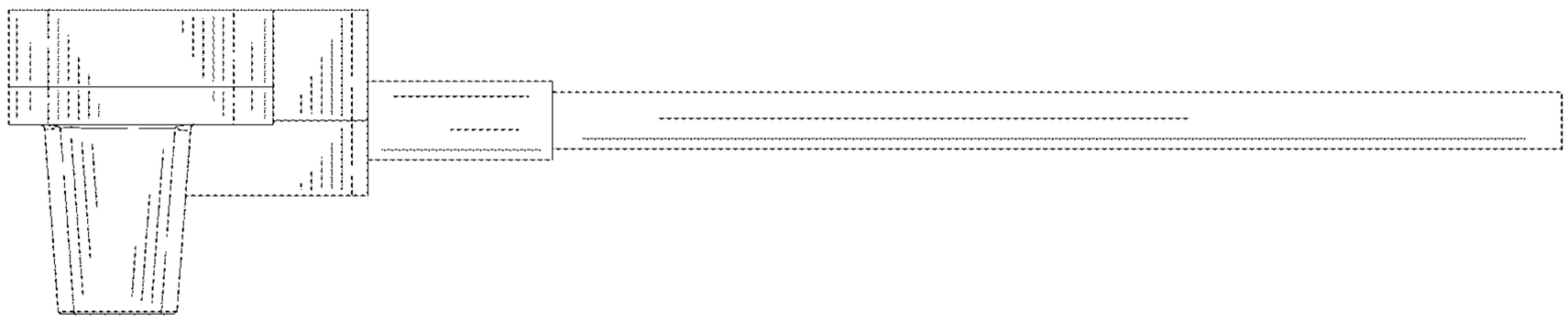


FIG. 6

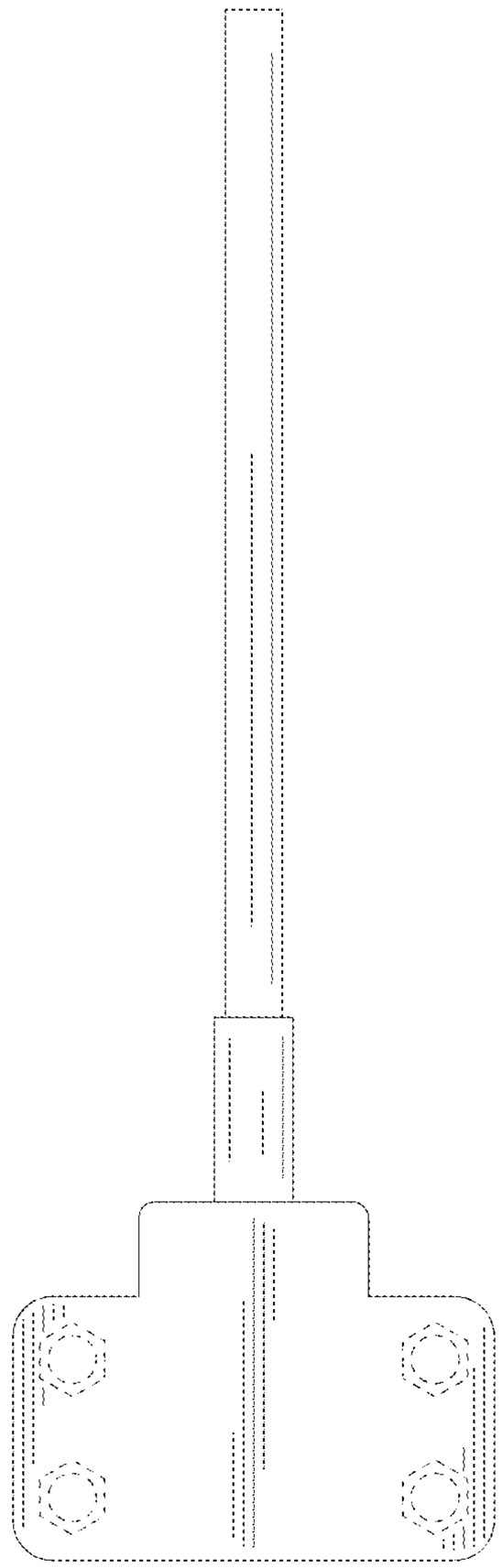


FIG. 7

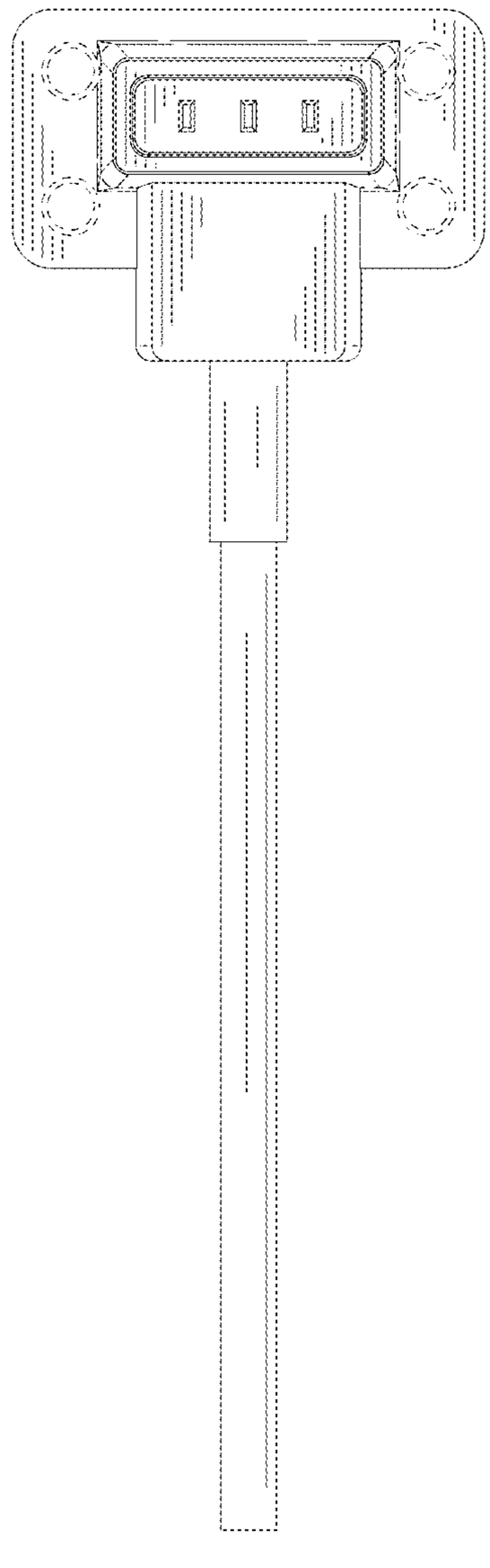


FIG. 8

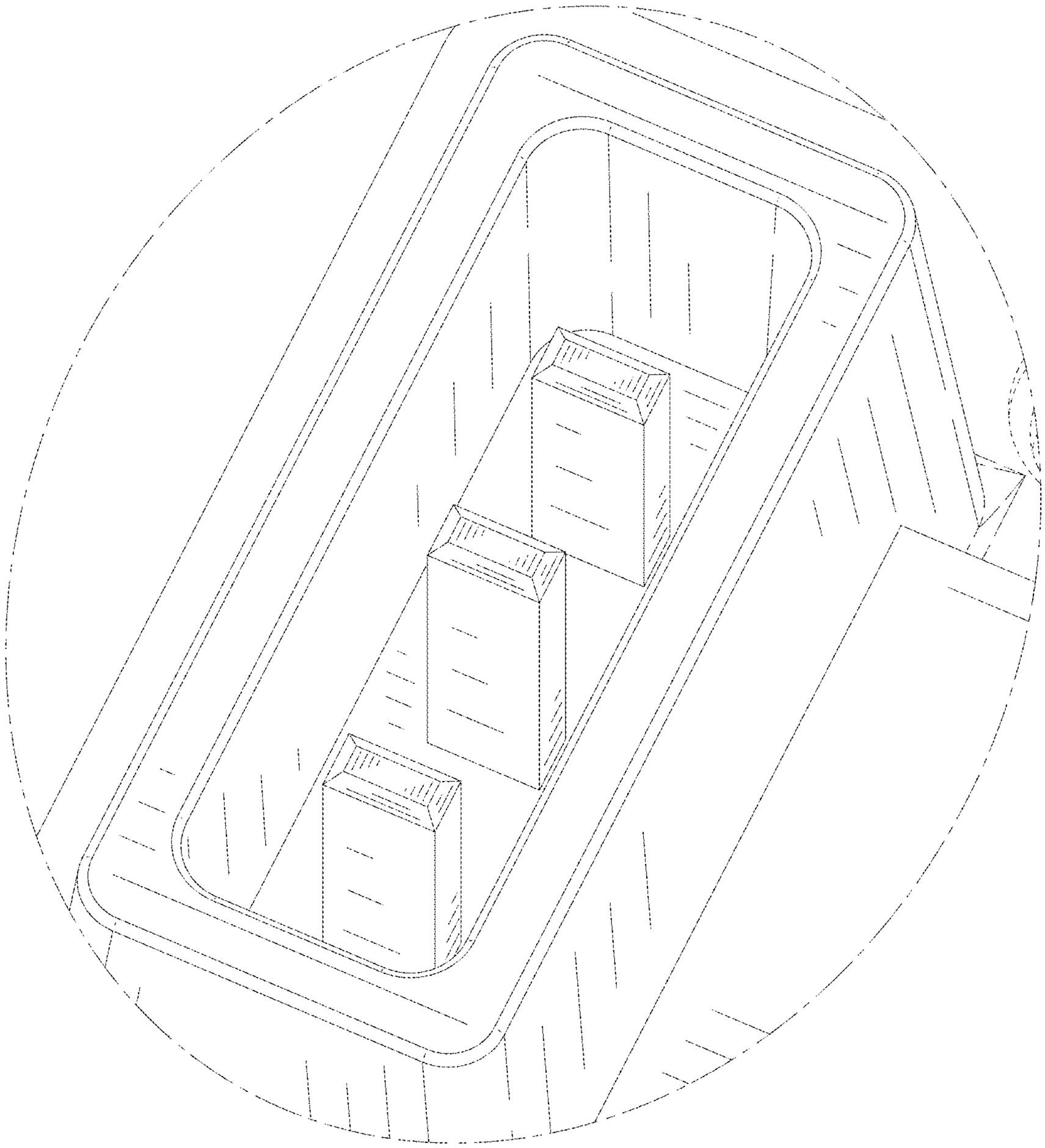


FIG. 9

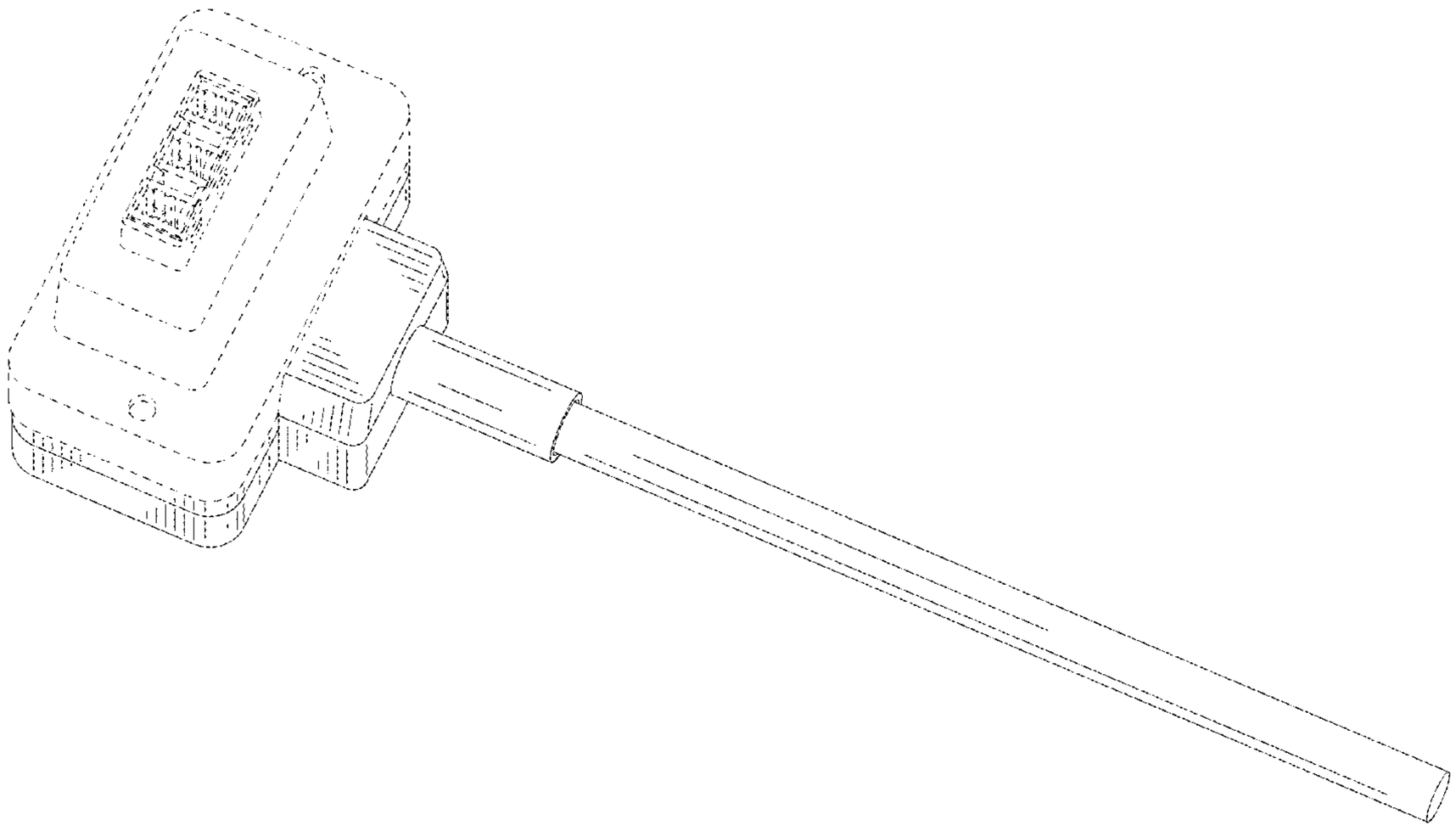


FIG. 10

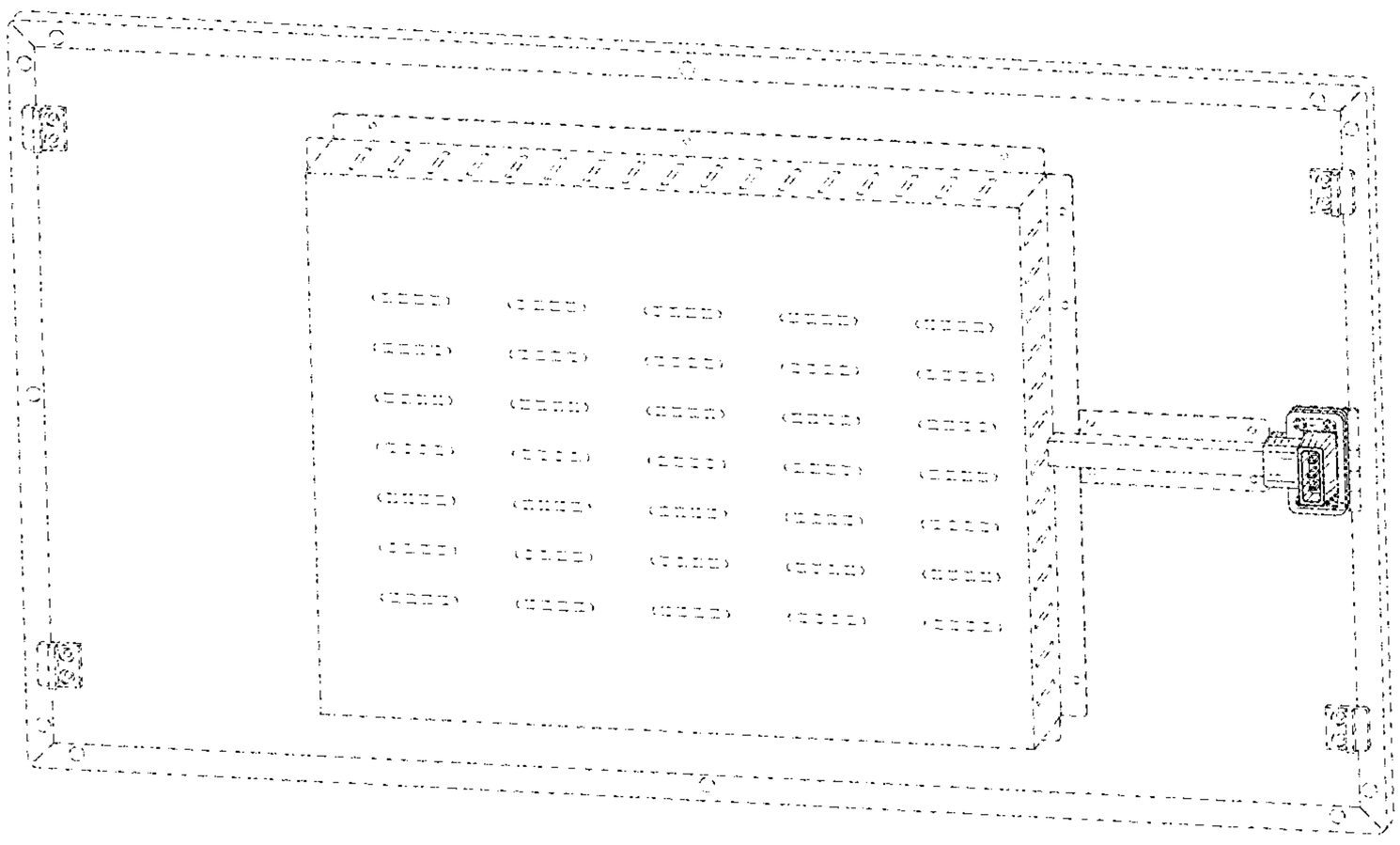


FIG. 11

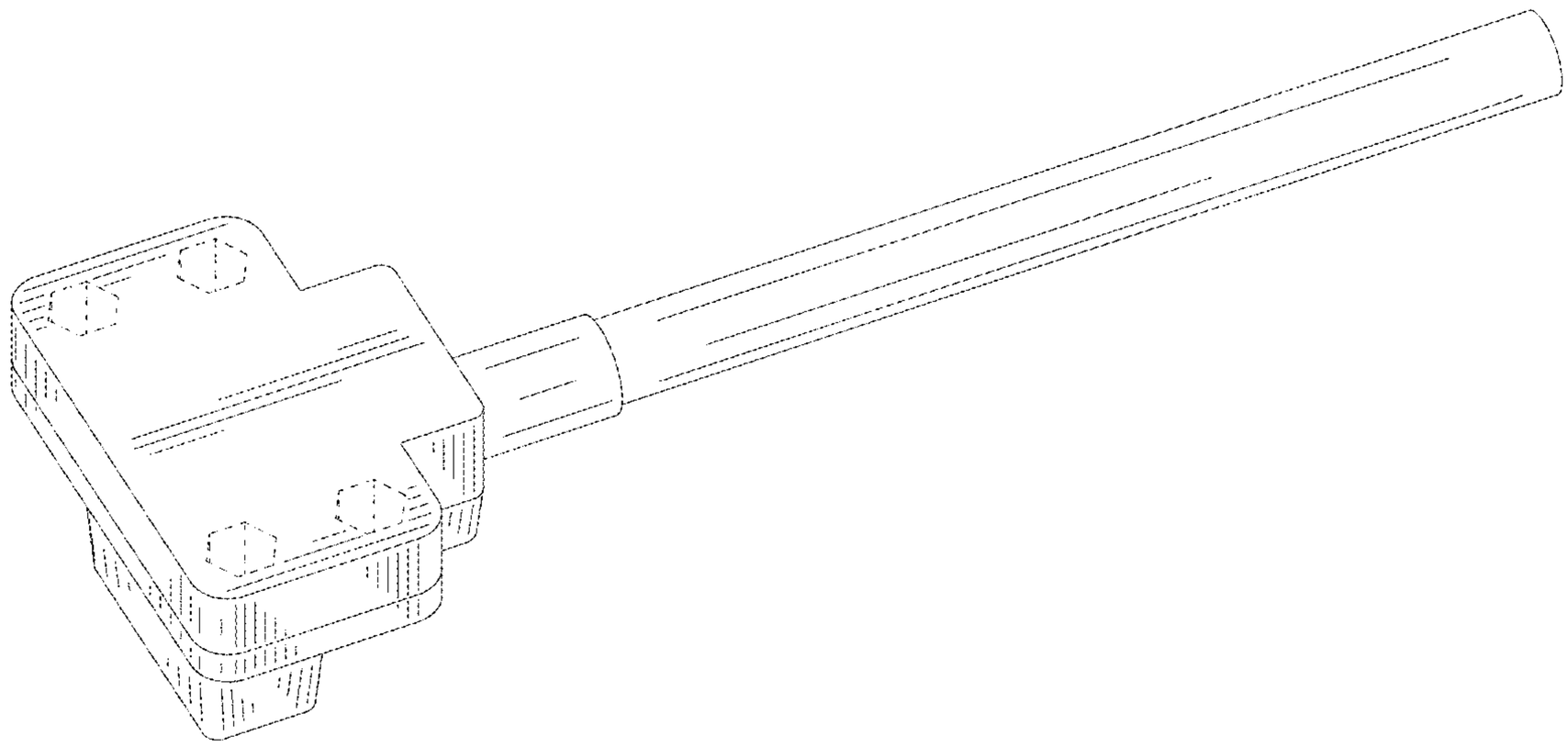


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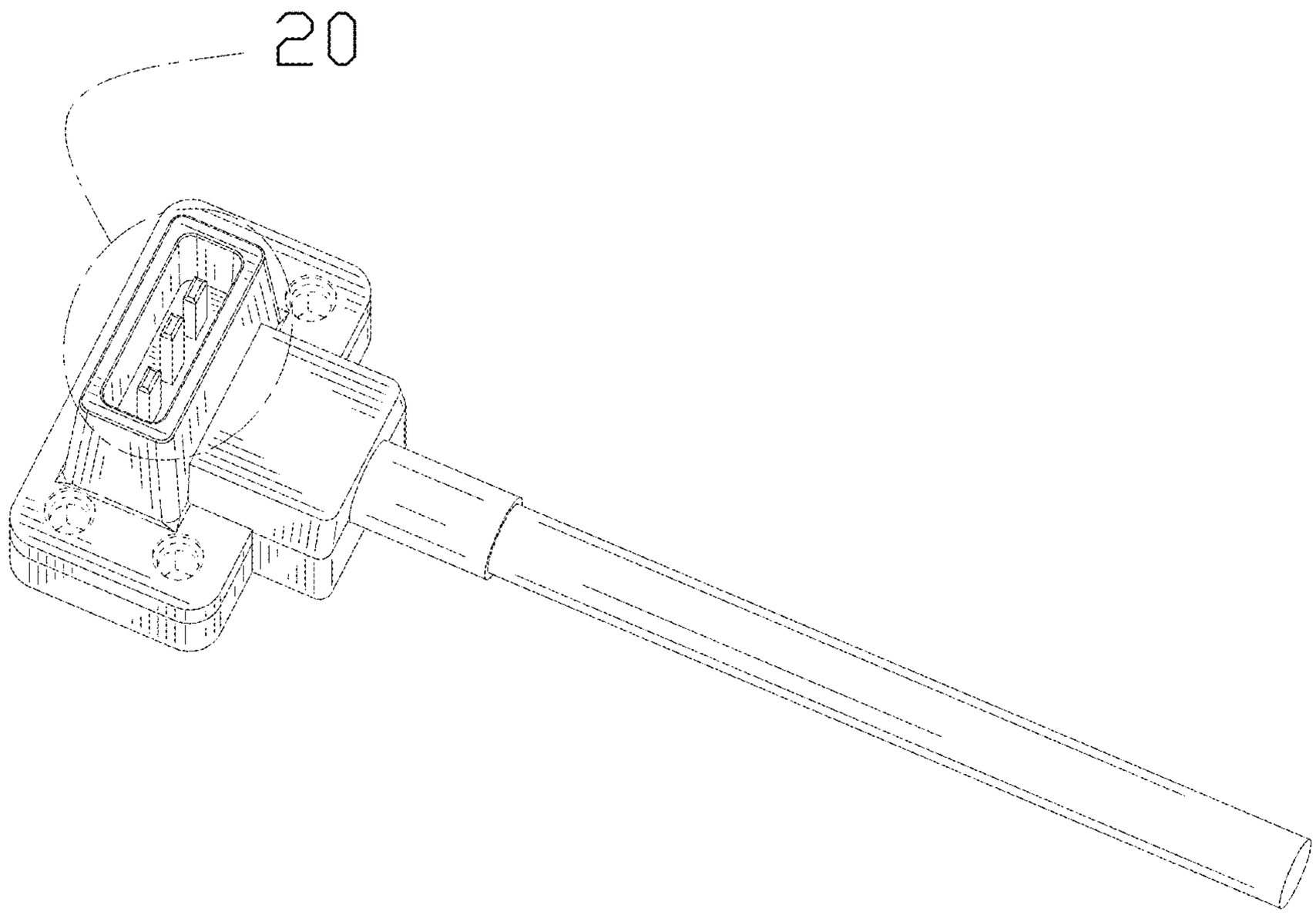


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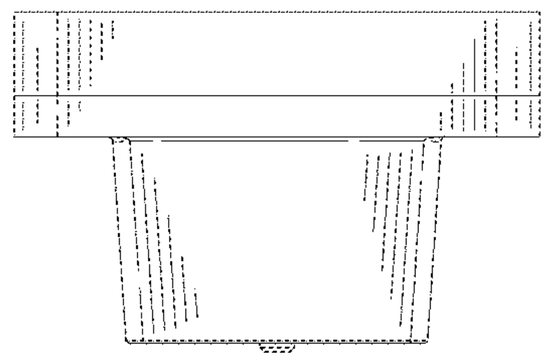


FIG. 14

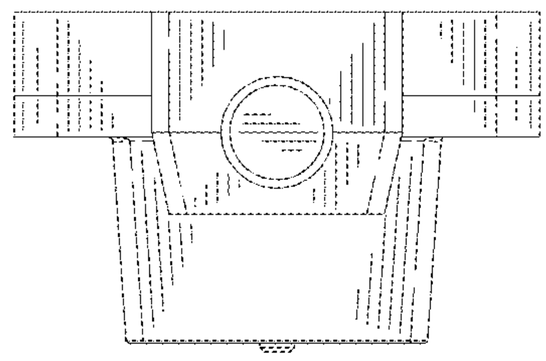


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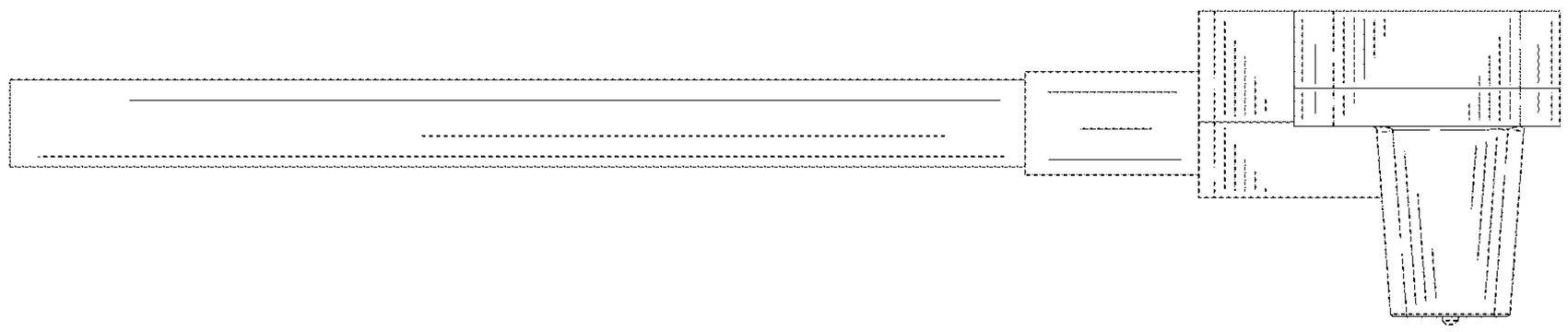


FIG. 16

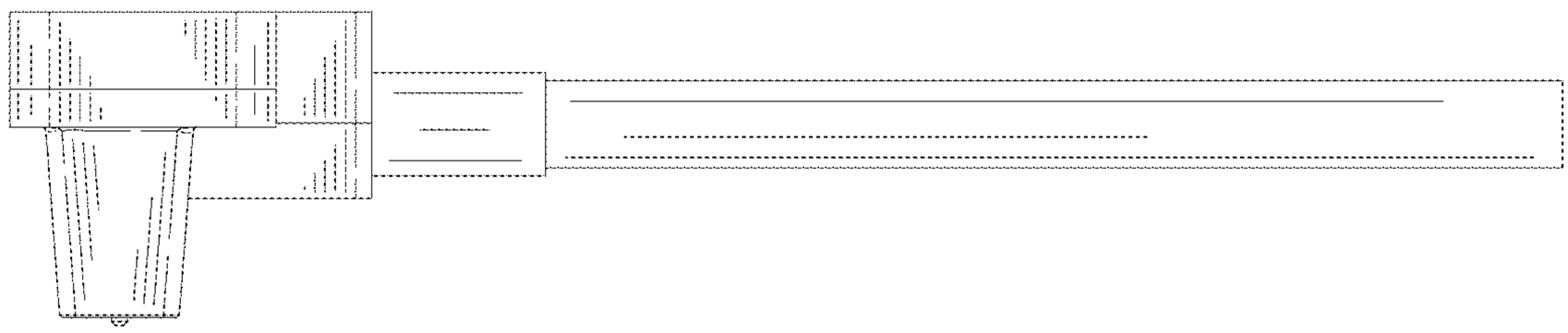


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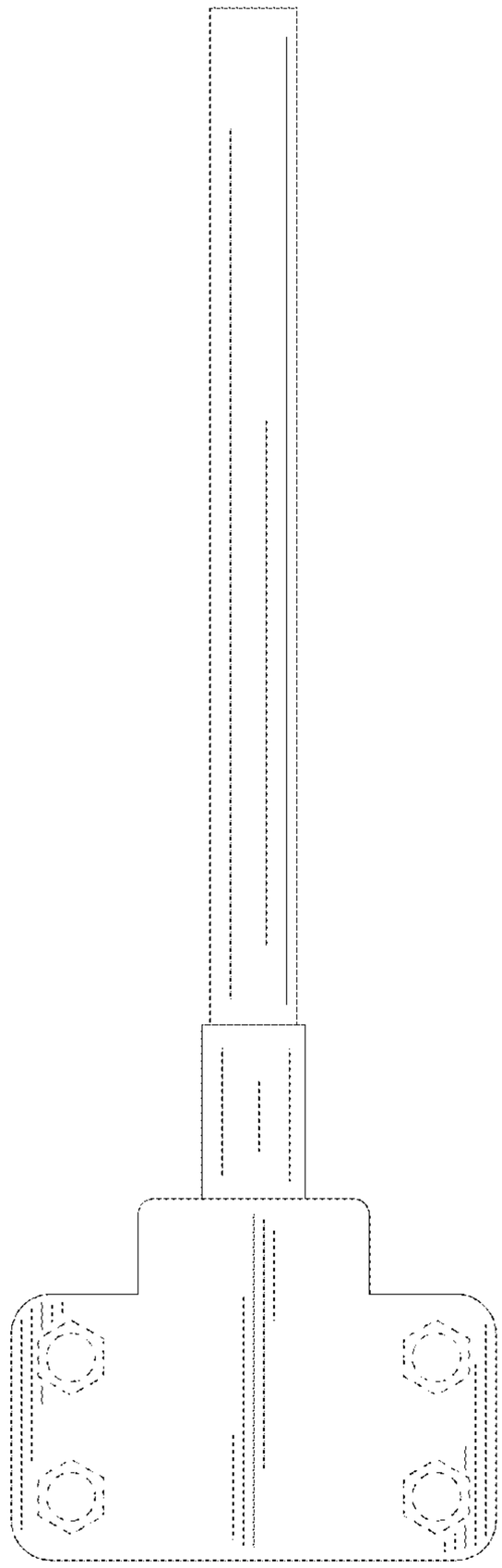


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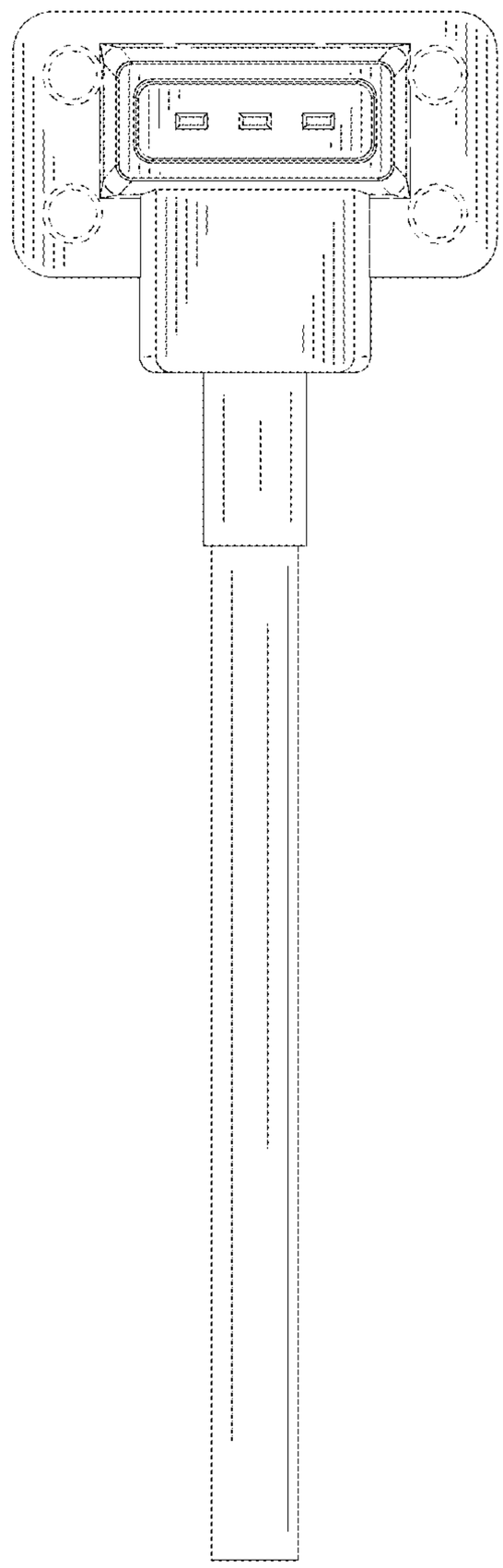


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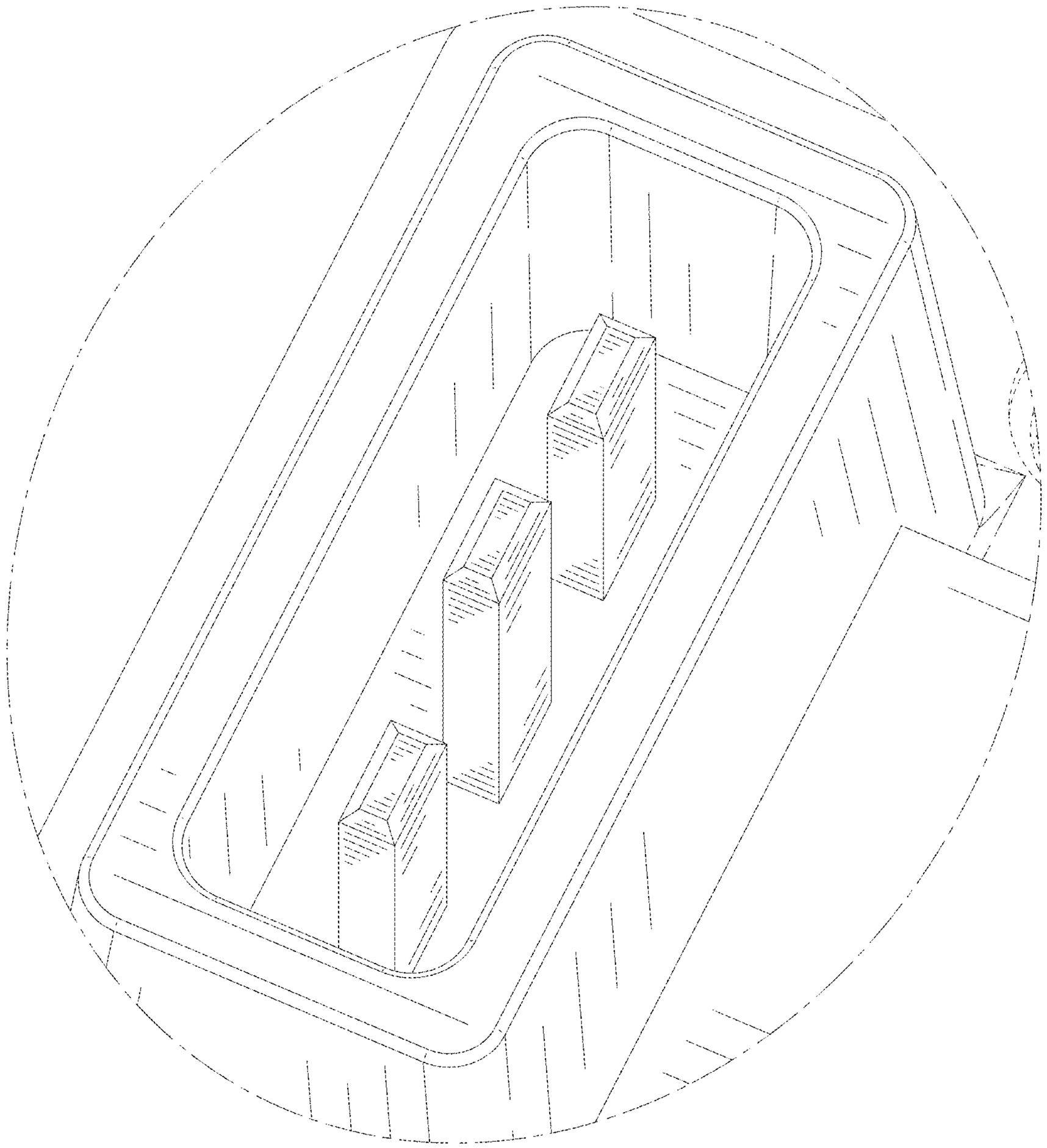


FIG. 20

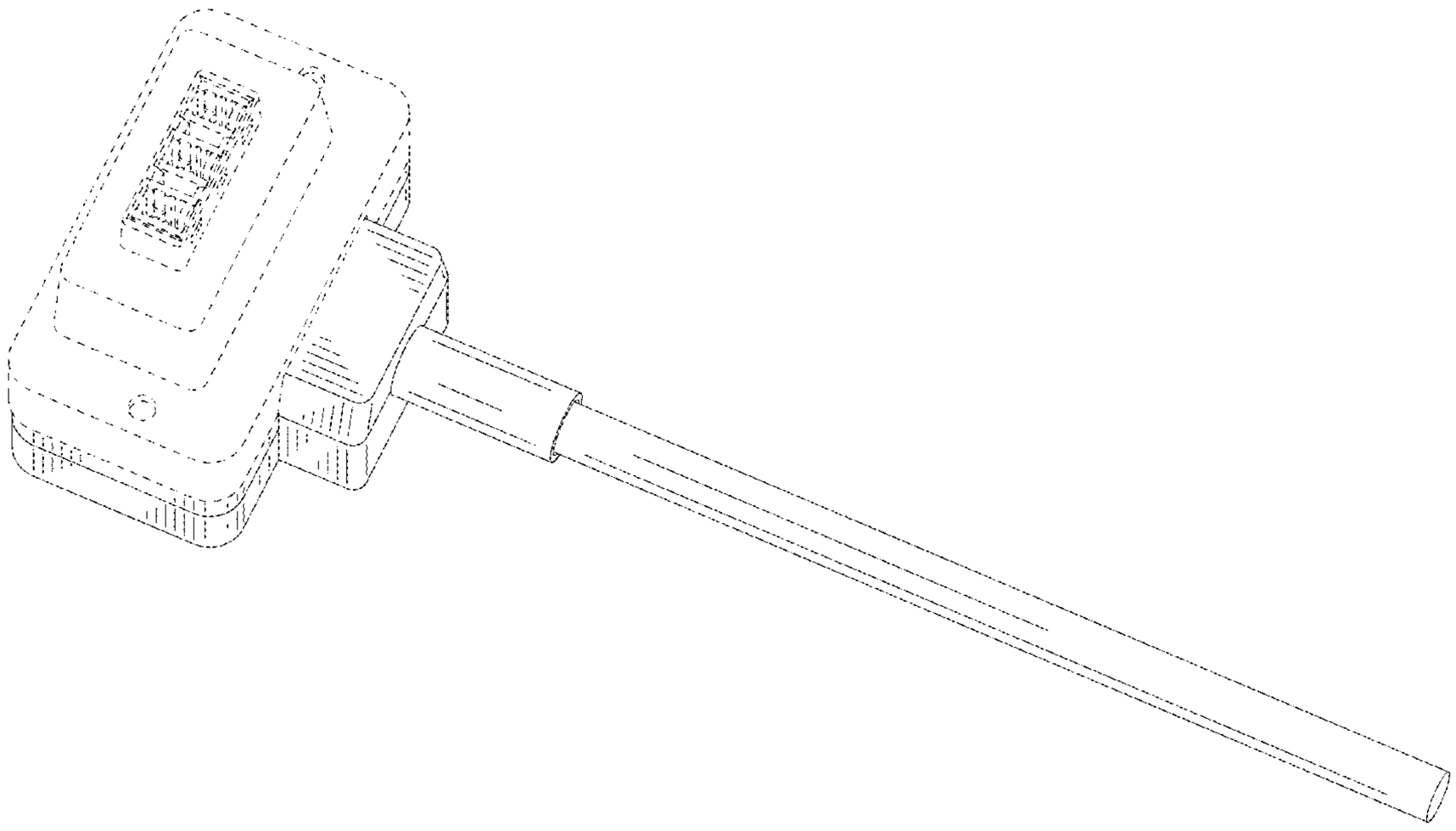


FIG. 21

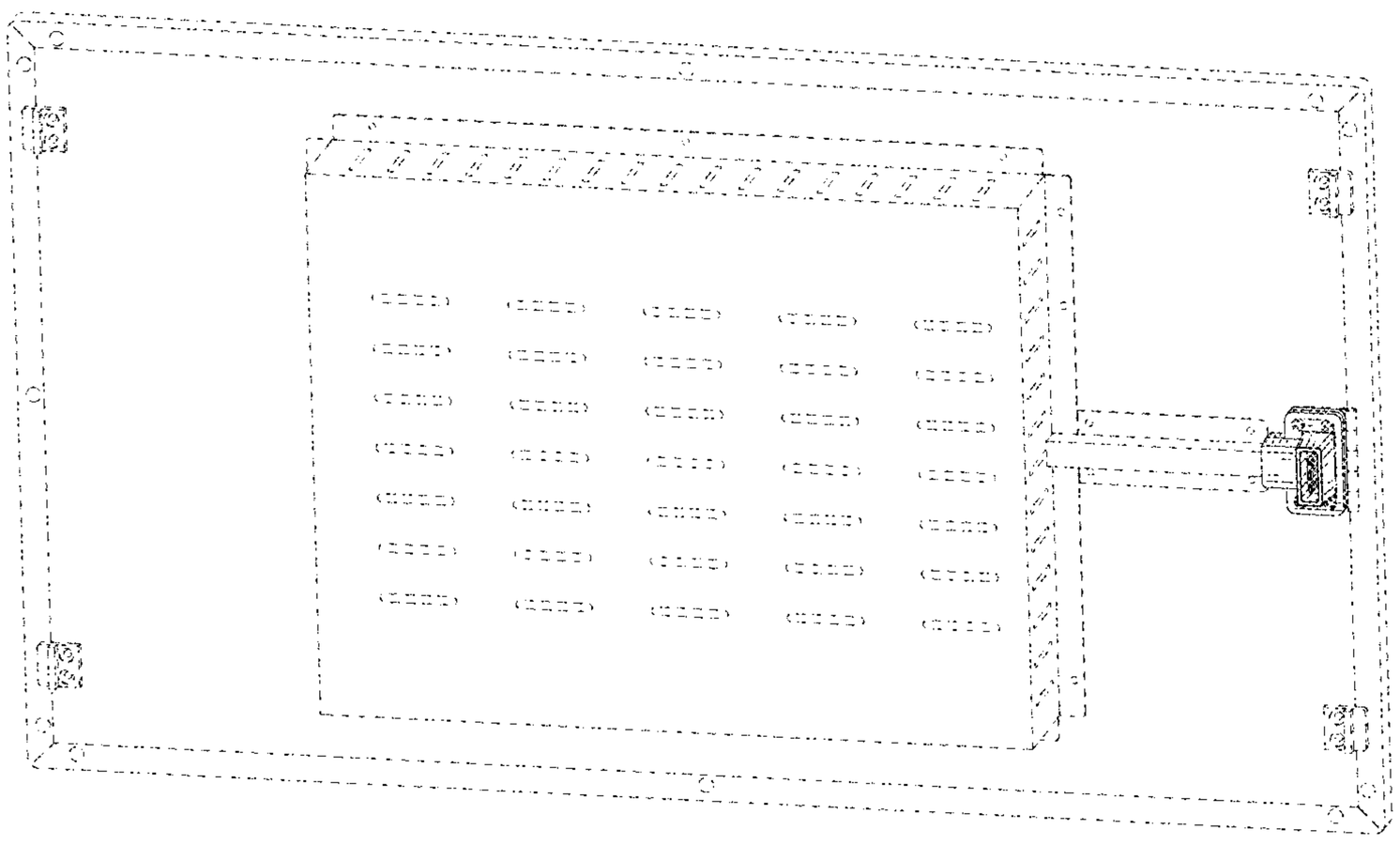


FIG. 22

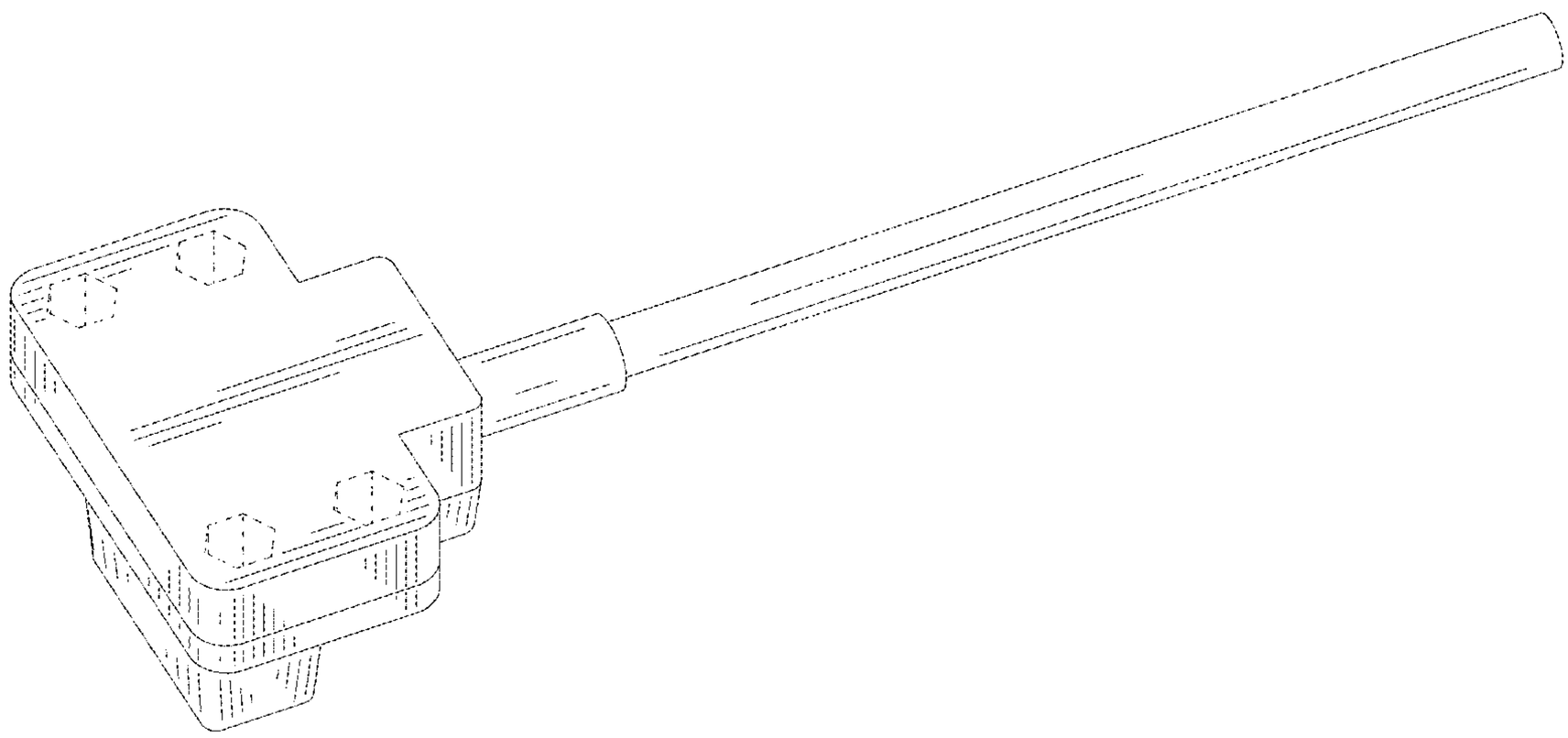


FIG. 23

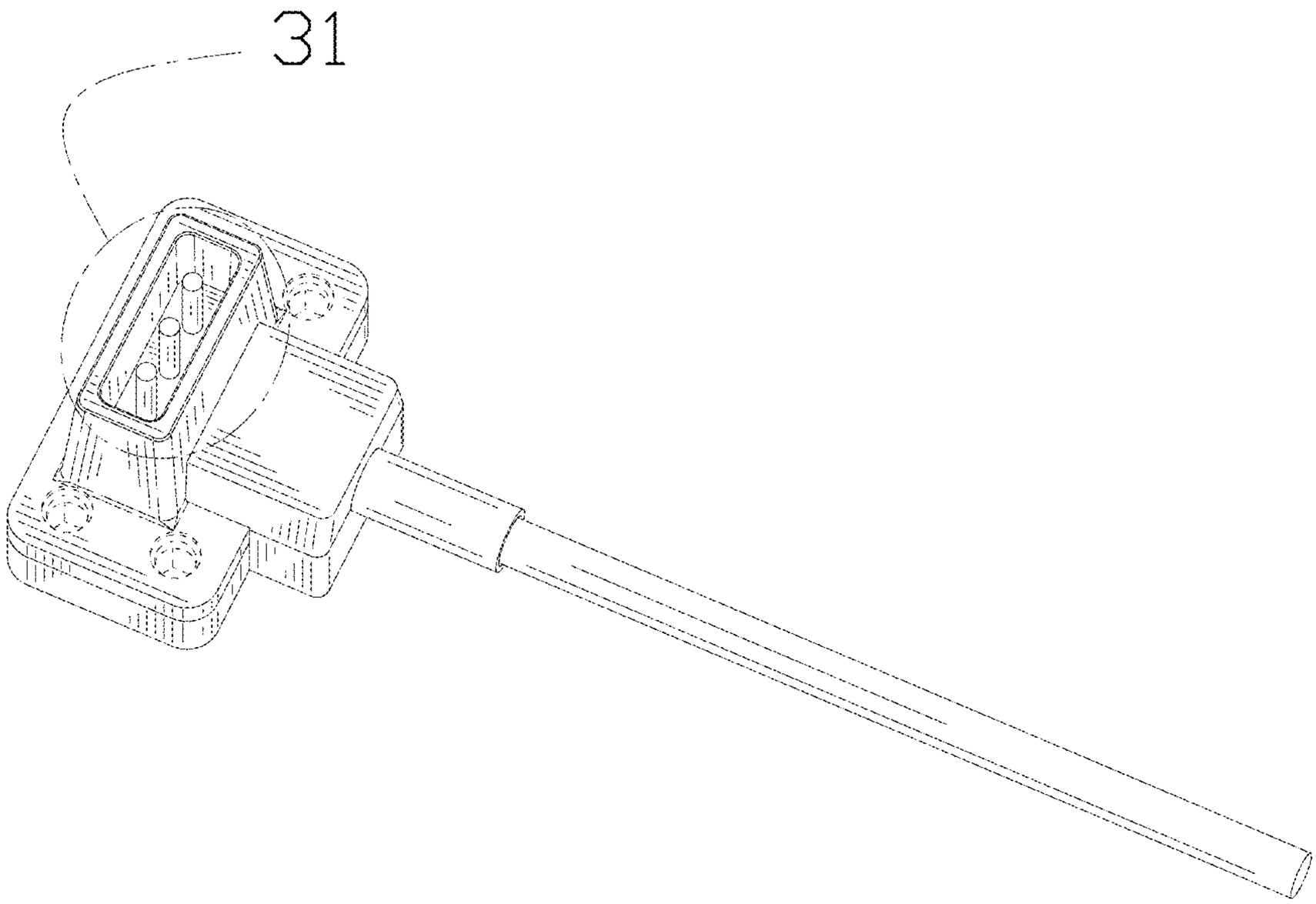


FIG. 24

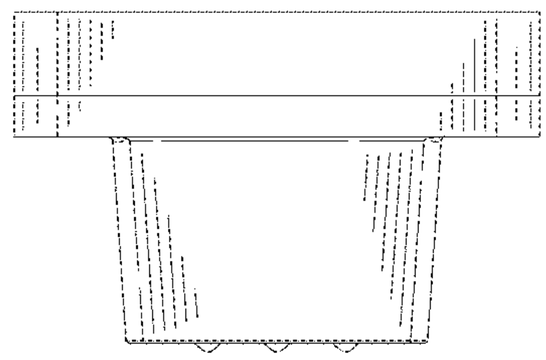


FIG. 25

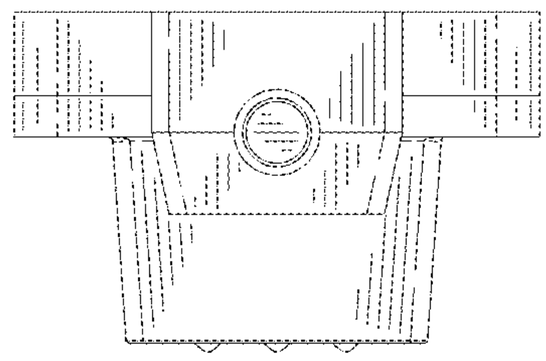


FIG. 26

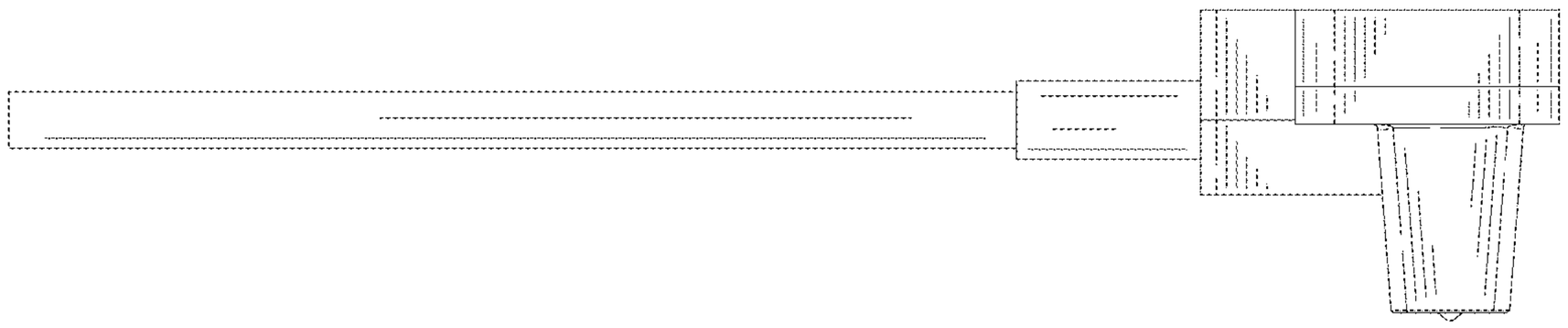


FIG. 27

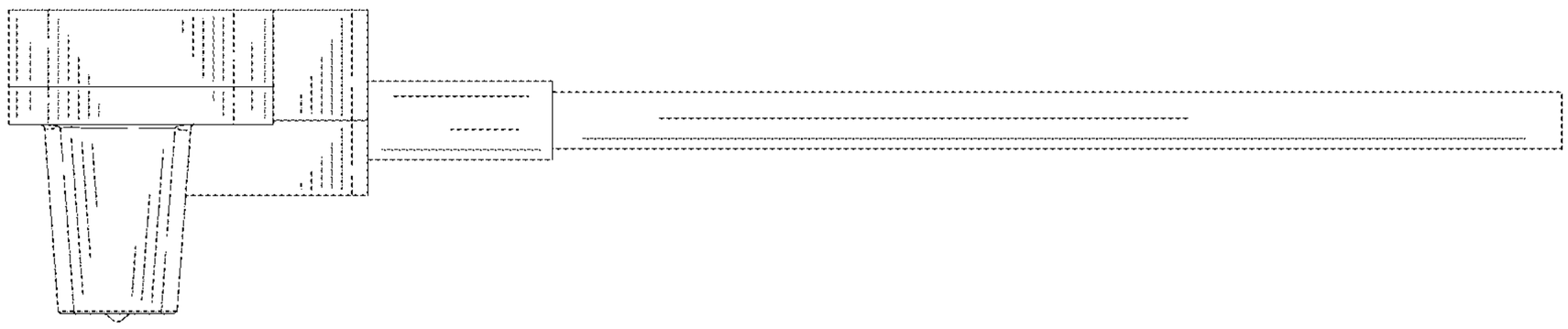


FIG. 28

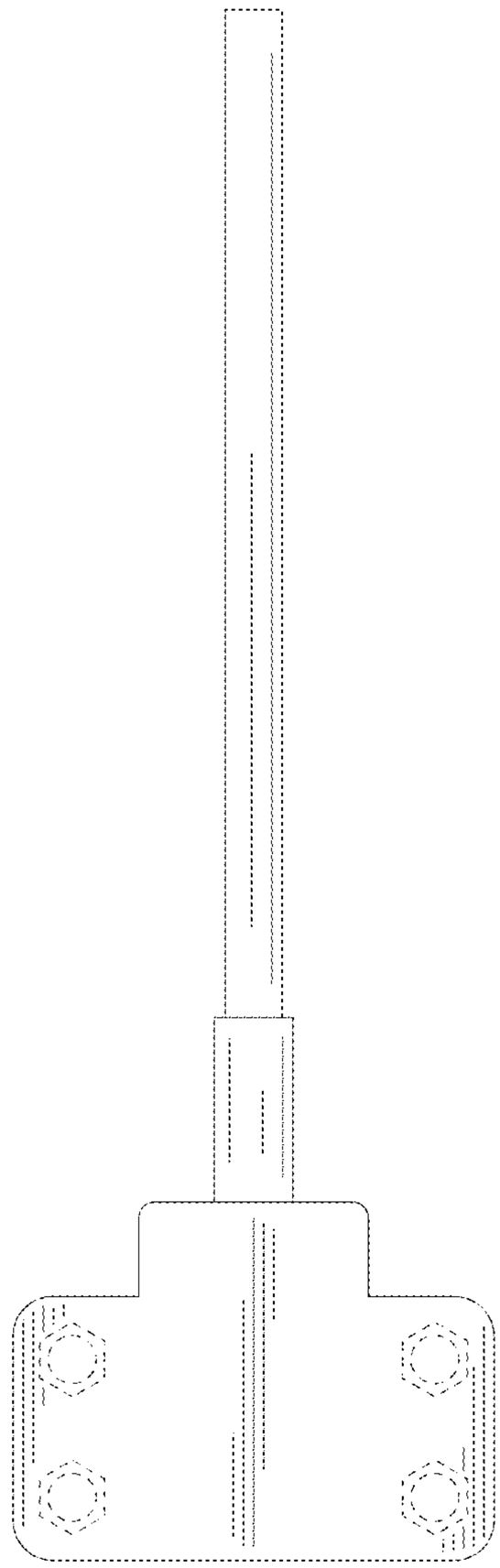


FIG. 29

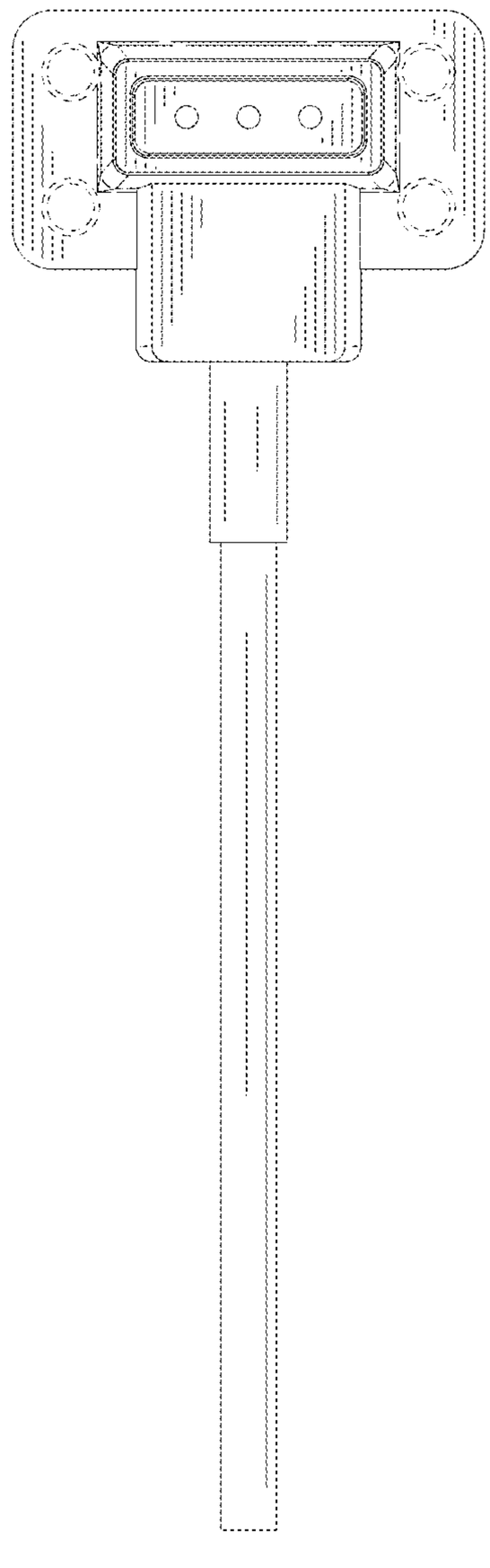


FIG. 30

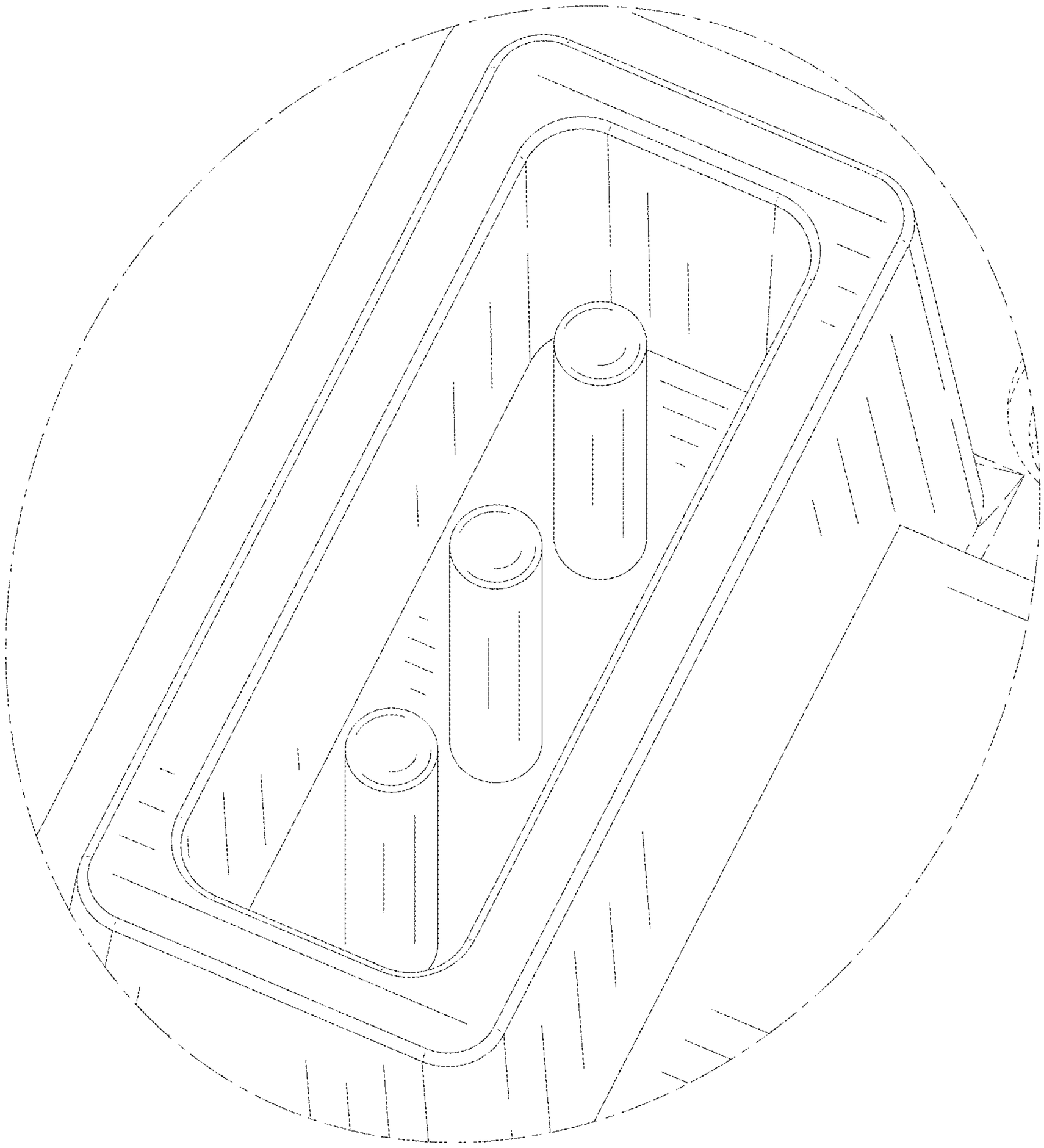


FIG. 31

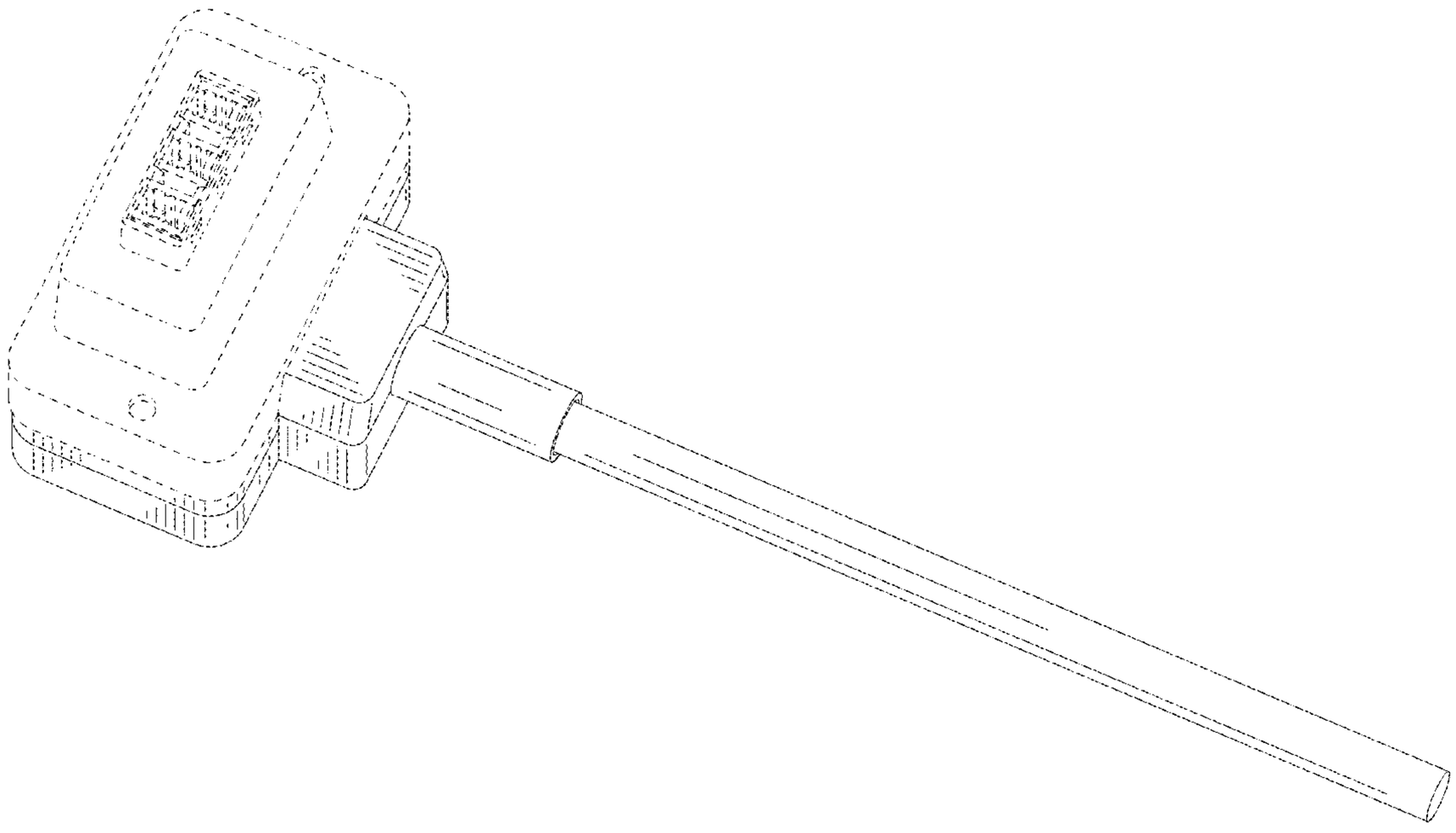


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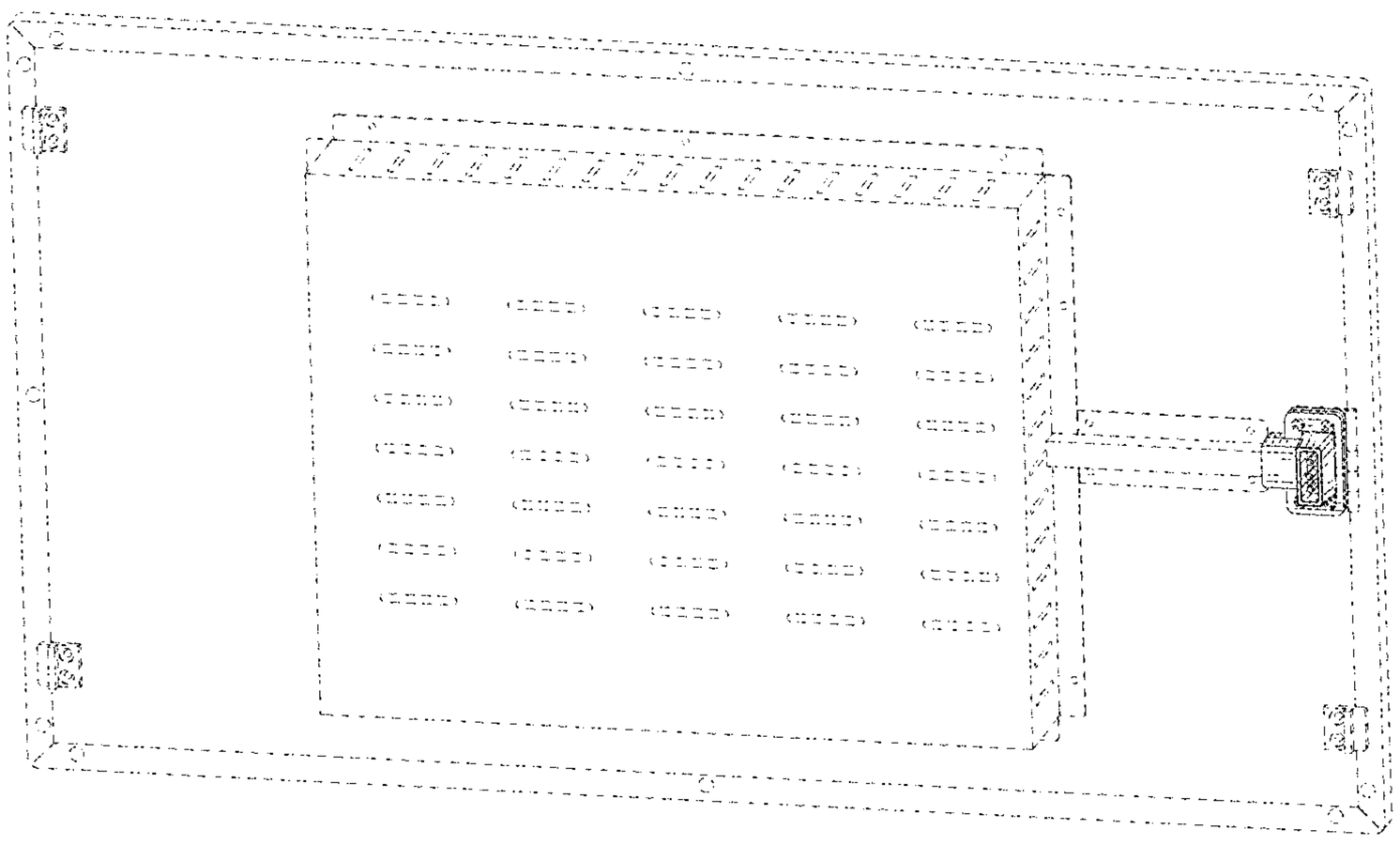


FIG. 33