



US00D931219S

(12) **United States Design Patent** (10) **Patent No.:** **US D931,219 S**  
**Bowman et al.** (45) **Date of Patent:** **\*\* \*Sep. 21, 2021**

(54) **MEDICAL DEVICE CONNECTOR**

(71) Applicant: **Physio-Control, Inc.**, Redmond, WA (US)

(72) Inventors: **Ryan Bowman**, Redmond, WA (US);  
**Zack Pahlman**, Redmond, WA (US);  
**Jeremy Wong**, Redmond, WA (US)

(\*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/708,355**

(22) Filed: **Oct. 4, 2019**

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

(52) **U.S. Cl.**  
USPC ..... **D13/133; D13/146**

(58) **Field of Classification Search**  
USPC ..... D13/107, 108, 123, 133, 146, 147, 154,  
D13/184, 199; D24/107, 127, 129, 167,  
D24/168, 187  
CPC .... A61N 1/39; A61B 5/00; A61B 5/04; A61B  
5/048; A61B 5/0416; A61B 6/03; H01R  
9/00; H01R 9/03; H01R 13/00; H01R  
13/46; H01R 13/627; H01R 13/64; H01R  
13/73; H01R 24/00

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|           |     |        |           |       |                       |
|-----------|-----|--------|-----------|-------|-----------------------|
| 2,384,267 | A * | 9/1945 | Andersen  | ..... | H01R 24/84<br>439/293 |
| D250,719  | S * | 1/1979 | Jacobson  | ..... | 607/36                |
| D263,794  | S * | 4/1982 | Yoshizawa | ..... | D9/432                |
| D290,458  | S   | 6/1987 | O'Leary   |       |                       |
| D319,312  | S   | 8/1991 | Schneider |       |                       |
| D395,282  | S * | 6/1998 | Rudoy     | ..... | D13/133               |
| D410,625  | S * | 6/1999 | Kerek     | ..... | D13/133               |

|           |      |         |                |       |                        |
|-----------|------|---------|----------------|-------|------------------------|
| D434,377  | S    | 11/2000 | Bussett et al. |       |                        |
| D475,014  | S    | 5/2003  | Kano           |       |                        |
| D523,815  | S    | 6/2006  | Lai            |       |                        |
| D588,990  | S    | 3/2009  | Kok et al.     |       |                        |
| D589,444  | S    | 3/2009  | Kok et al.     |       |                        |
| D589,881  | S    | 4/2009  | Kok et al.     |       |                        |
| D645,406  | S *  | 9/2011  | Chartrand      | ..... | D13/154                |
| D668,611  | S    | 10/2012 | Byrne et al.   |       |                        |
| 8,647,147 | B2 * | 2/2014  | Chartrand      | ..... | H01R 4/2406<br>439/425 |
| D730,839  | S    | 6/2015  | Sasano         |       |                        |
| D743,342  | S    | 11/2015 | Sasano         |       |                        |
| D743,906  | S    | 11/2015 | Sasano         |       |                        |
| D851,595  | S    | 6/2019  | Chen           |       |                        |

(Continued)

**OTHER PUBLICATIONS**

Aedsuperstore.com, "Physio-Control LIHEPAK 500 Data Transfer USB to QUIK-COMBO Cable", retrieved on Oct. 7, 2020 from <<<https://www.aedsuperstore.com/physio-control-lifepak-500-data-transfer-usb-to-quick-combo-cable.html>>>, Dec. 1, 2010, 3 pages.

(Continued)

*Primary Examiner* — Shawn T Gingrich  
(74) *Attorney, Agent, or Firm* — Lee & Hayes, P.C.

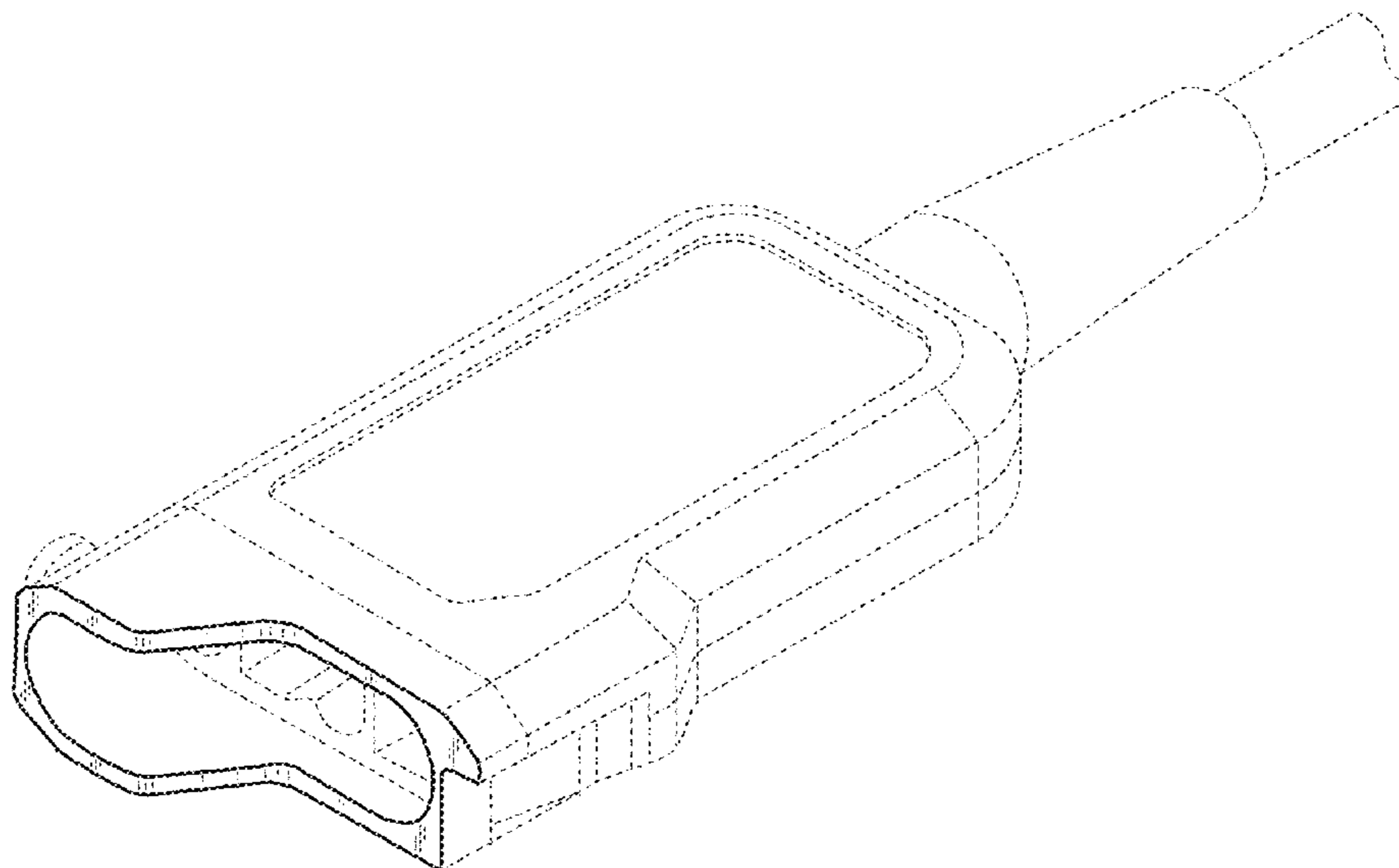
(57) **CLAIM**

The ornamental design for a medical device connector, as shown and described.

**DESCRIPTION**

FIG. 1 is a back perspective view of a medical device connector;  
FIG. 2 is a front view thereof;  
FIG. 3 is a back view thereof;  
FIG. 4 is a top view thereof;  
FIG. 5 is a left side view thereof; and,  
FIG. 6 is a right side view thereof.  
The dashed line in the drawings represent unclaimed subject matter and do not form part of the claimed design.

**1 Claim, 3 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

|              |     |         |                  |                        |
|--------------|-----|---------|------------------|------------------------|
| D864,870     | S * | 10/2019 | Payne .....      | D13/133                |
| D887,987     | S * | 6/2020  | Ganamukhi .....  | D13/147                |
| D896,175     | S * | 9/2020  | Staff .....      | D13/108                |
| 2005/0227529 | A1  | 10/2005 | Mrakovich et al. |                        |
| 2011/0014821 | A1  | 1/2011  | Ko               |                        |
| 2012/0178270 | A1* | 7/2012  | McElroy .....    | H01R 13/6205<br>439/39 |
| 2014/0073180 | A1  | 3/2014  | Knight et al.    |                        |
| 2015/0017841 | A1  | 1/2015  | Chen et al.      |                        |
| 2016/0028169 | A1  | 1/2016  | Glick et al.     |                        |
| 2018/0159274 | A1* | 6/2018  | Eriksson .....   | H01R 24/76             |
| 2021/0011235 | A1  | 1/2021  | Wimmer           |                        |

OTHER PUBLICATIONS

Amazon.com, "Physio-Control 11113-000002 Quik-Combo Test Plug for Testing QC Cable", retrieved on Oct. 7, 2020 from <<<https://www.amazon.com/physio-control-11113-000002-quik-combo-testing-cable/dp/B085D4M7B3>>>, Nov. 27, 2009, 2 pages.

DHgate.com, "T4 T5 T8 Bracket Light Male and Female Plug Connector", retrieved on Oct. 7, 2020 from <<[https://www.dhgate.com/product/t4-t5-t8-bracket-light-male-and-female-plug/410219373.html#redirect\\_detail=WAP2PC](https://www.dhgate.com/product/t4-t5-t8-bracket-light-male-and-female-plug/410219373.html#redirect_detail=WAP2PC)>>, Nov. 20, 2019.

Non Final Office Action dated Oct. 28, 2020 for U.S. Appl. No. 29/708,366, "Medical Device Connector", Bowman, 9 pages.

Non Final Office Action dated Oct. 28, 2020 for U.S. Appl. No. 29/708,367, "Medical Device Connector", Bowman, 7 pages.

Office Action for U.S. Appl. No. 29/708,317, dated Nov. 10, 2020, Bowman, "Medical Device Connector", 5 Pages.

Non Final Office Action dated Dec. 8, 2020 for U.S. Appl. No. 29/708,322, "Medical Device Connector", Bowman, 10 pages.

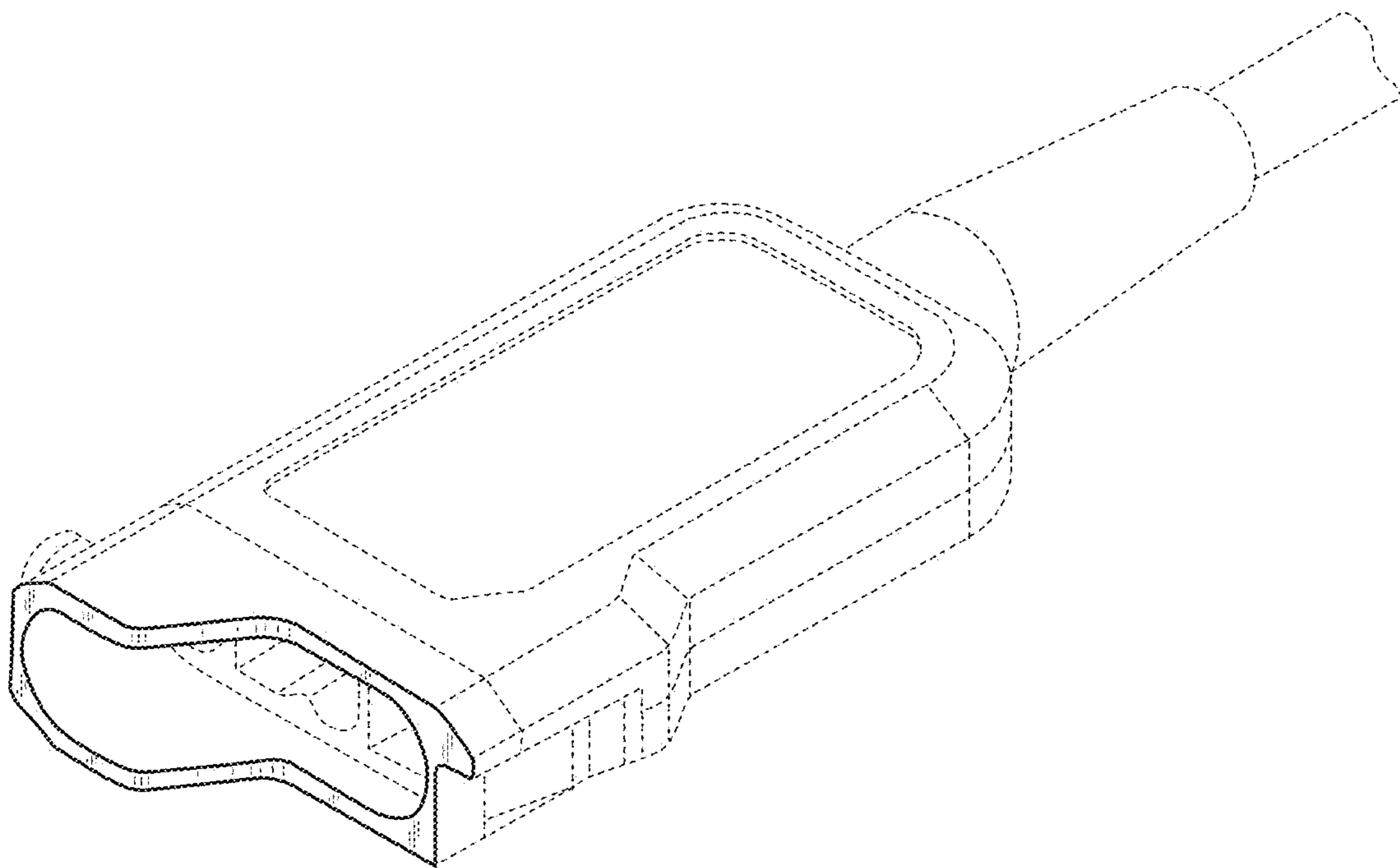
Office Action for U.S. Appl. No. 29/708,366, dated Apr. 29, 2021, Bowman, "Medical Device Connector", 13 Pages.

Power Cord Adapter YLA-03010 for Waterpik WP360 WP360W WP462 WP462W WP450 WP450W, retrieved on Apr. 22, 2021, at <<<https://www.amazon.sg/Adapter-YLA-03010-Waterpik-Charger-110V-240V/dp/B07VNVTXG>>>, 2019, 2 pgs.

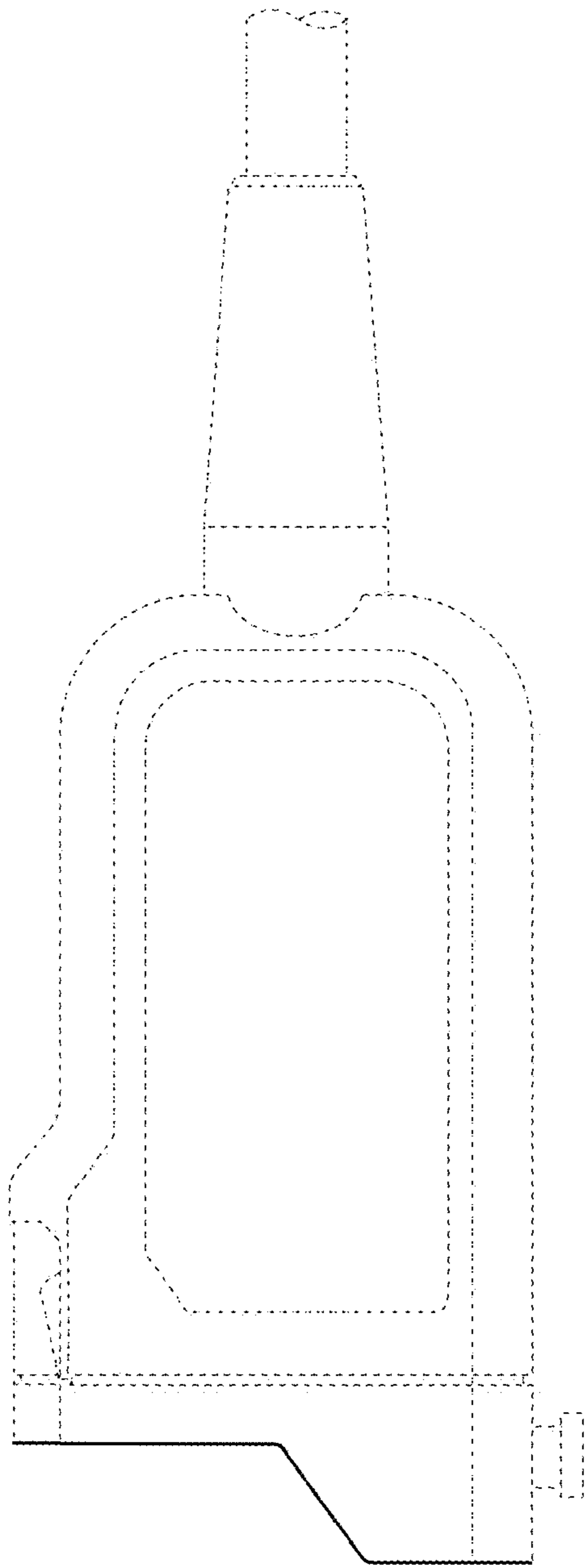
Replacement Part for Waterpik Charger WP462 WP462W, retrieved on Apr. 22, 2021 at <<[https://www.waterpik.com/oral-health/tips-accessories/TRANS\\_WP-450/](https://www.waterpik.com/oral-health/tips-accessories/TRANS_WP-450/)>>, 2014, 2 pgs.

Waterpik, 2 Prong Charger for Cordless Water Flossers, retrieved on Apr. 22, 2021, at <<[https://www.waterpik.com/oral-health/tips-accessories/TRANS\\_WP-450/](https://www.waterpik.com/oral-health/tips-accessories/TRANS_WP-450/)>>, 2014, 2 pgs.

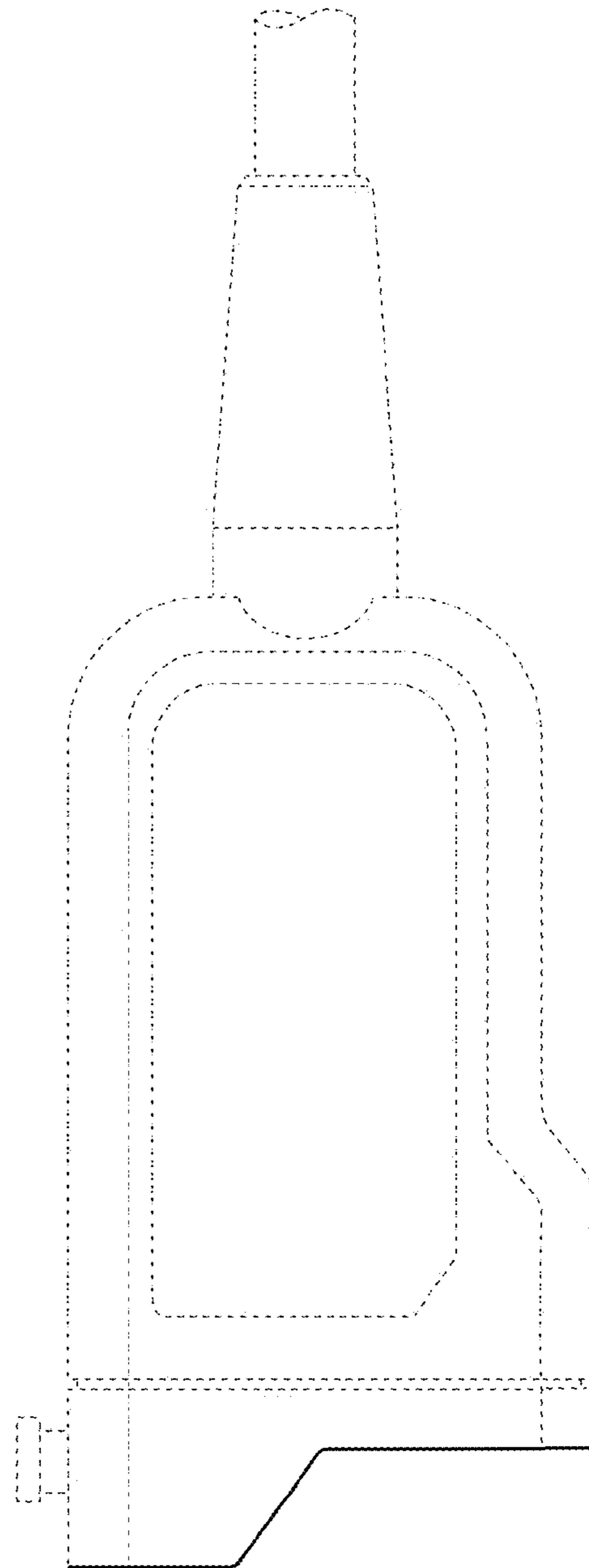
\* cited by examiner



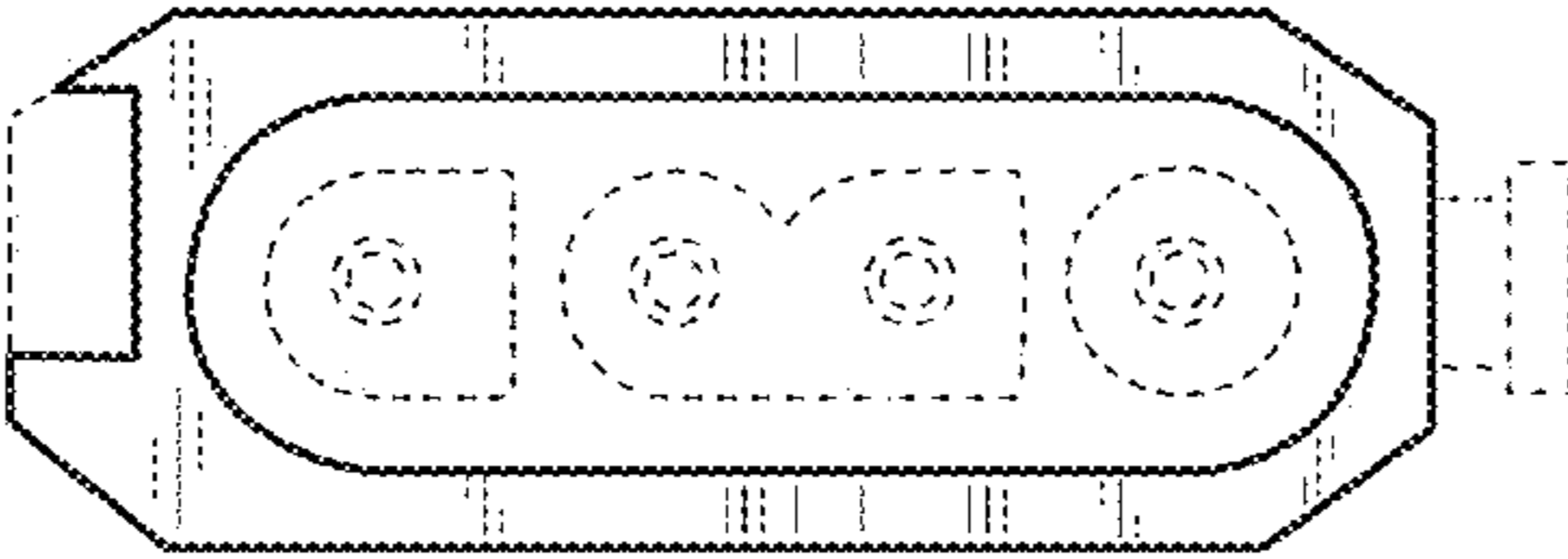
**FIG. 1**



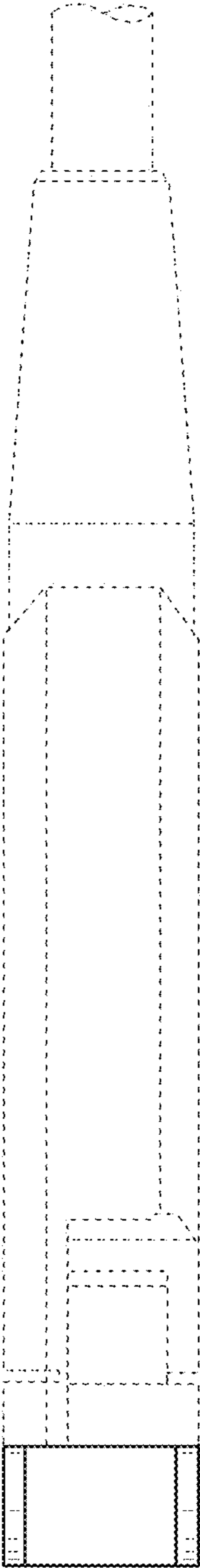
**FIG. 2**



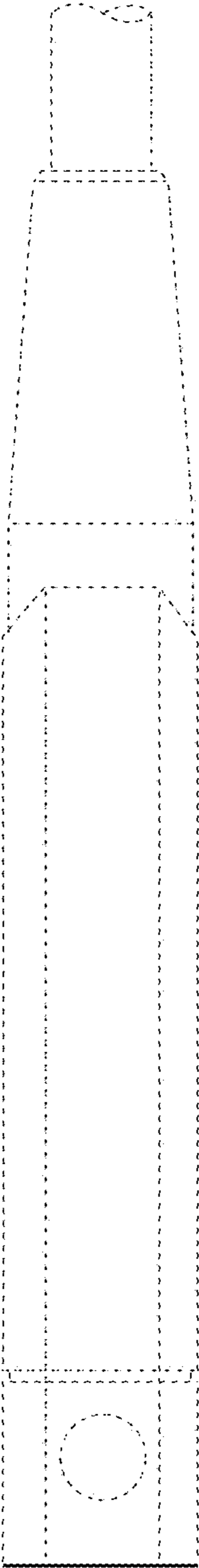
**FIG. 3**



**FIG. 4**



**FIG. 5**



**FIG. 6**