

US00D957352S

(12)

United States Design Patent

Mack et al.

(10)

Patent No.:

US D957,352 S

(45)

Date of Patent:

** Jul. 12, 2022

(54) STRAIN RELIEF

FOREIGN PATENT DOCUMENTS

(71) Applicant: **BFLY Operations, Inc.**, Guilford, CT (US)

(72) Inventors: **Adam Mekeel Mack**, Half Moon Bay, CA (US); **Ryan Silvestri**, Guilford, CT (US); **Timothy A. Hyde**, Columbia, SC (US); **Neil Ferrier**, Greenville, SC (US); **Kevin Coss**, Irvine, CA (US); **David Elgena**, Orlando, FL (US); **Robert Schneider**, Killingworth, CT (US); **Jason Fischman**, Stamford, CT (US)

(73) Assignee: **BFLY Operations, Inc.**, Guilford, CT (US)

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

CN 305760932 S 5/2020
JP D1457814 S 12/2012
(Continued)

OTHER PUBLICATIONS

System Plus, Date: Apr. 21, 2020, [online], [site visited Dec. 8, 2021]. Available from internet, URL: <https://www.systemplus.fr/reverse-costing-reports/butterfly-network-iq-cmut-sensor/> (Year: 2020).*

(Continued)

Primary Examiner — Shawn T Gingrich
Assistant Examiner — Bryan N. Melvin
(74) *Attorney, Agent, or Firm* — Wolf, Greenfield & Sacks, P.C.

(21) Appl. No.: **29/740,072**

(22) Filed: **Jun. 30, 2020**

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

(52) **U.S. Cl.**
USPC **D13/156; D13/133**

(58) **Field of Classification Search**
USPC ... D13/133, 137.4, 138.1, 138.2, 139.7, 147, D13/153, 154, 156; D24/158, 160, 186, D24/187; D14/433
CPC H01R 4/70; H01R 13/627; H01R 13/6273; H01R 13/6275
See application file for complete search history.

(57) CLAIM

The ornamental design for a strain relief, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, left side perspective view of a strain relief according to our new design;
FIG. 2 is a left side elevation view thereof;
FIG. 3 top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a rear elevation view thereof;
FIG. 6 is a right side elevation view thereof; and,
FIG. 7 is a front elevation view thereof.
The broken lines represent portions of the strain relief that form no part of the claimed design.
The strain relief is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

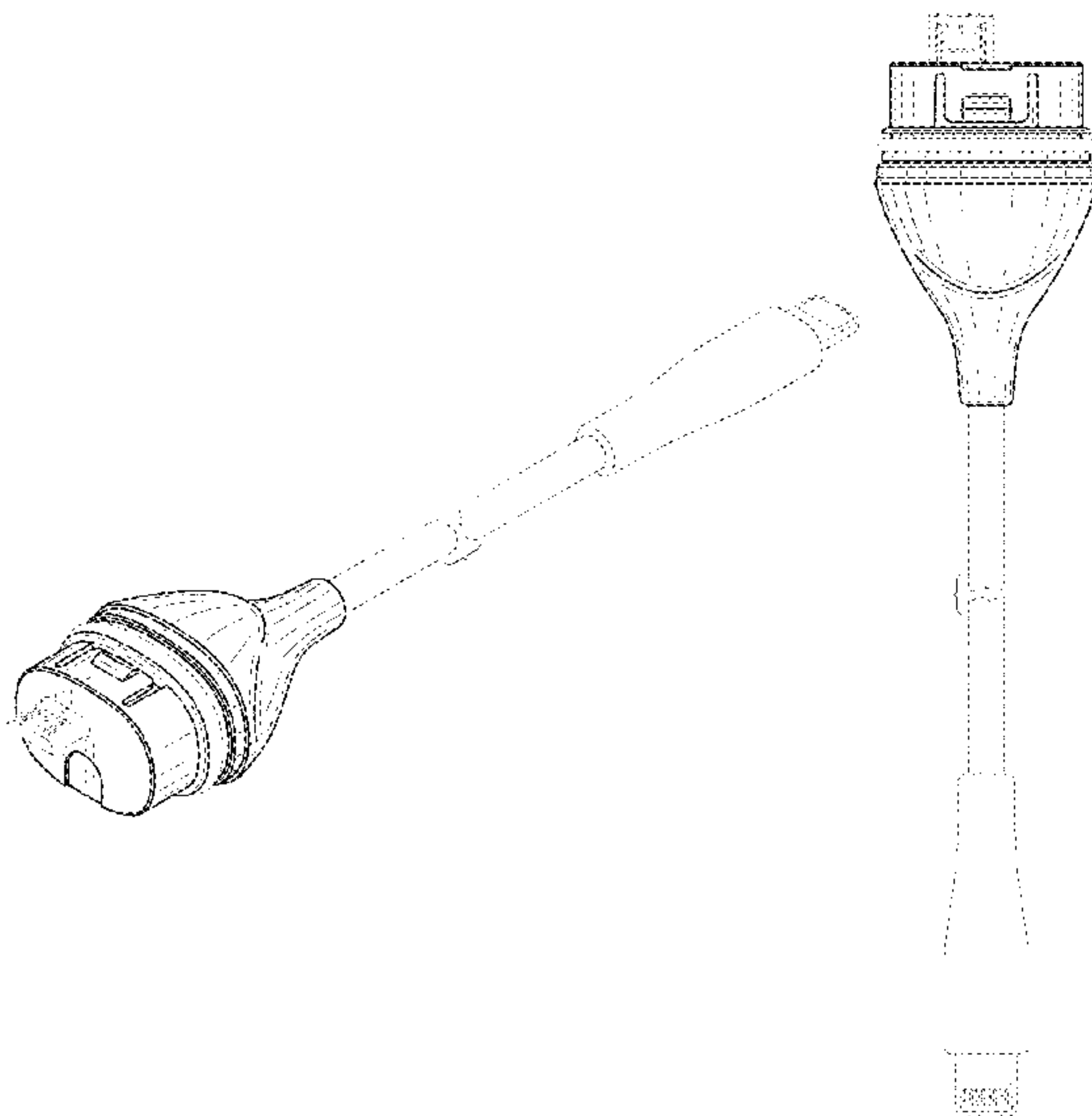
(56) References Cited

U.S. PATENT DOCUMENTS

4,108,527 A * 8/1978 Douty H01R 13/627 439/465
D357,898 S * 5/1995 Richards D13/133
5,444,185 A * 8/1995 Tanaka H01R 4/70 174/135

(Continued)

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,217,364 B1 * 4/2001 Miskin H01R 13/6275
439/358
6,257,914 B1 * 7/2001 Comerci H01R 13/6273
439/357
D513,409 S * 1/2006 Suckle D13/156
D545,433 S 6/2007 Messerly
D589,458 S * 3/2009 Keeven D13/156
D639,434 S 6/2011 Wodecki et al.
D681,824 S 5/2013 Shinohara
D703,332 S 4/2014 Saeki
D703,821 S 4/2014 Moon
D704,844 S 5/2014 Saeki
D745,175 S 12/2015 Kitayama
D749,224 S 2/2016 Iritani
D760,167 S * 6/2016 Kusano D13/138.1
D791,330 S * 7/2017 Moon D24/187
D793,344 S * 8/2017 Wang D13/153
D816,850 S 5/2018 Asai
D886,063 S * 6/2020 Cyzen D13/138.1
D887,850 S 6/2020 Elgena
D896,973 S 9/2020 Wight et al.
D910,857 S 2/2021 Shibayama et al.
D912,675 S * 3/2021 Kim D14/433

D916,295 S 4/2021 Shibayama et al.
D934,808 S * 11/2021 Cyzen D13/138.1
2018/0028159 A1 2/2018 Hageman et al.

FOREIGN PATENT DOCUMENTS

JP D1515349 S 1/2015
KR 30-0726182 S 1/2014
KR 30-0751362 S 7/2014
KR 300992876.0000 S 2/2019
KR 300992877.0000 S 2/2019

OTHER PUBLICATIONS

[No Author Listed] Esaote SP2430 For Sale. Providian Medical.
<https://www.providianmedical.com/ultrasound-probes/esaote/esaote-sp2430>. U.S. Appl. No. 29/740,028 in office action dated Jul. 27, 2021. Published date unknown, downloaded on Jul. 22, 2021. 1 page.

[No Author Listed] HDI 5000 Transducer Listing. Publicly known prior to Oct. 27, 2017. 6 pages.

[No Author Listed] Samsung L38n Linear Probe. Ultrasound Supply. <https://www.ultrasoundsupply.com/products/ultrasound-probes/samsung-probes/138n-linear-probe/>. U.S. Appl. No. 29/739,956 in office action dated Jul. 27, 2021. Published date unknown, downloaded on Jul. 21, 2021. 1 page.

* cited by examiner

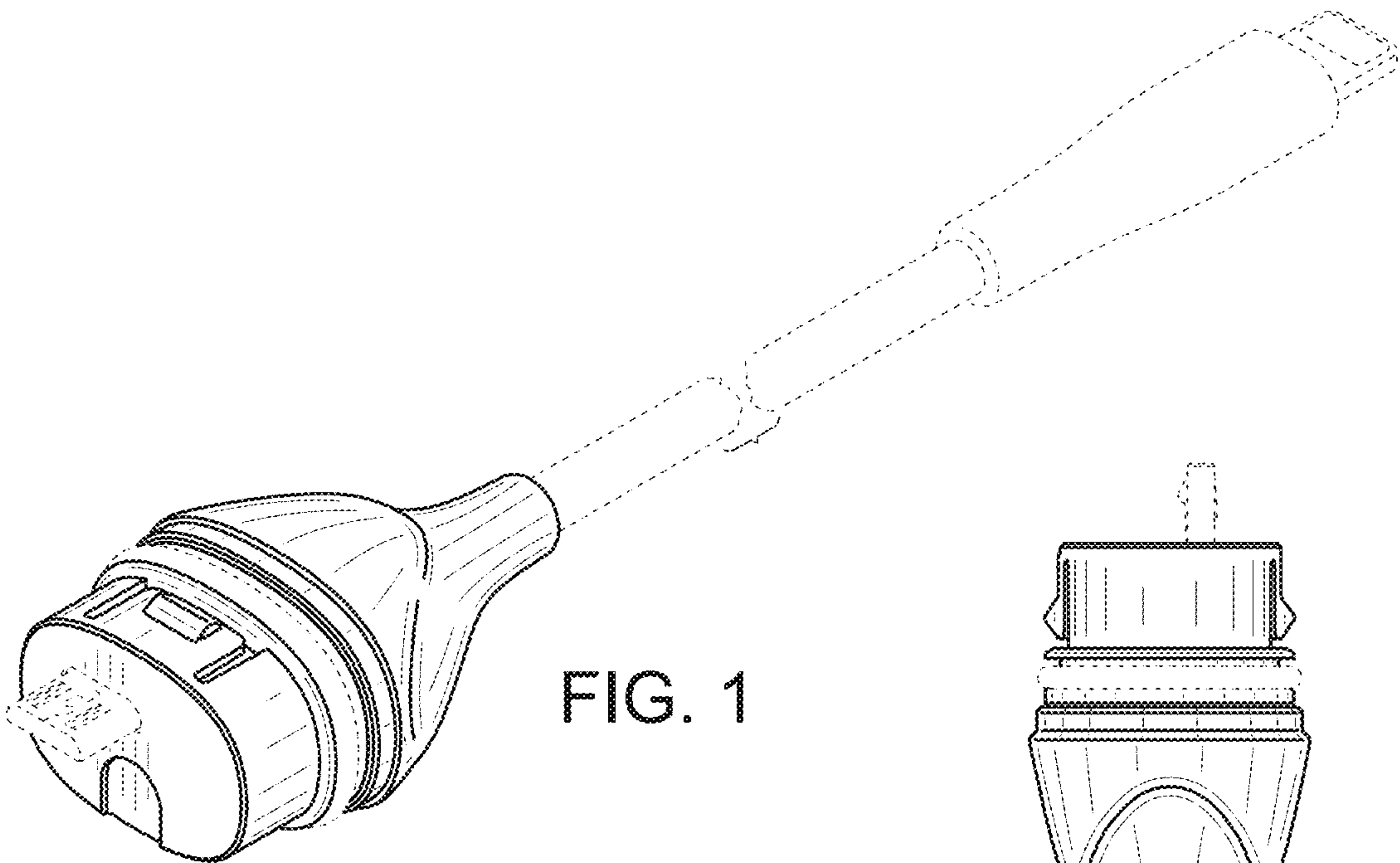


FIG. 1

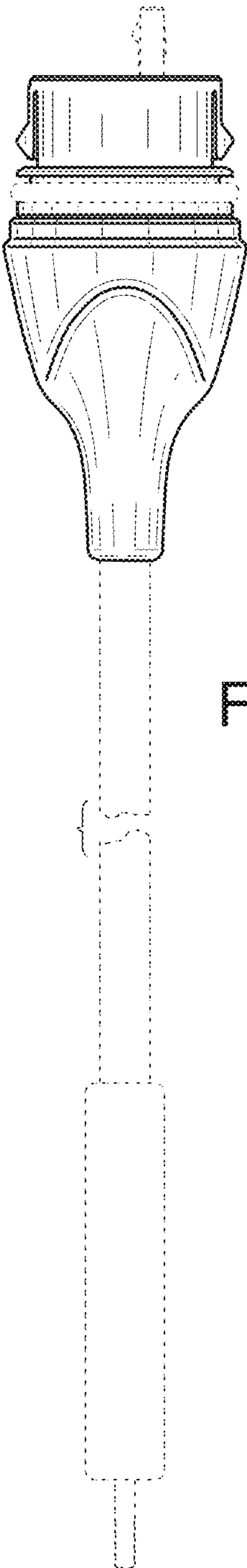


FIG. 2

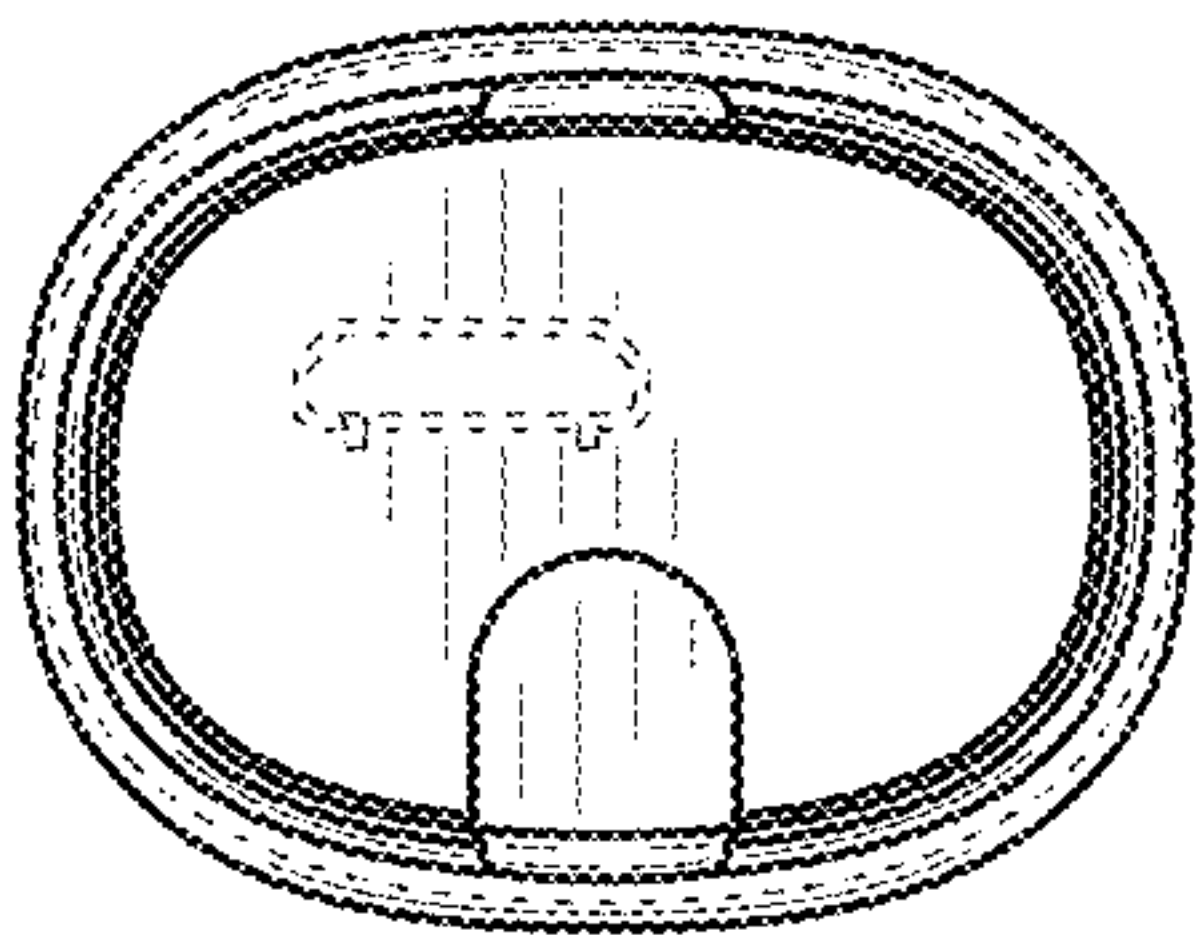


FIG. 3

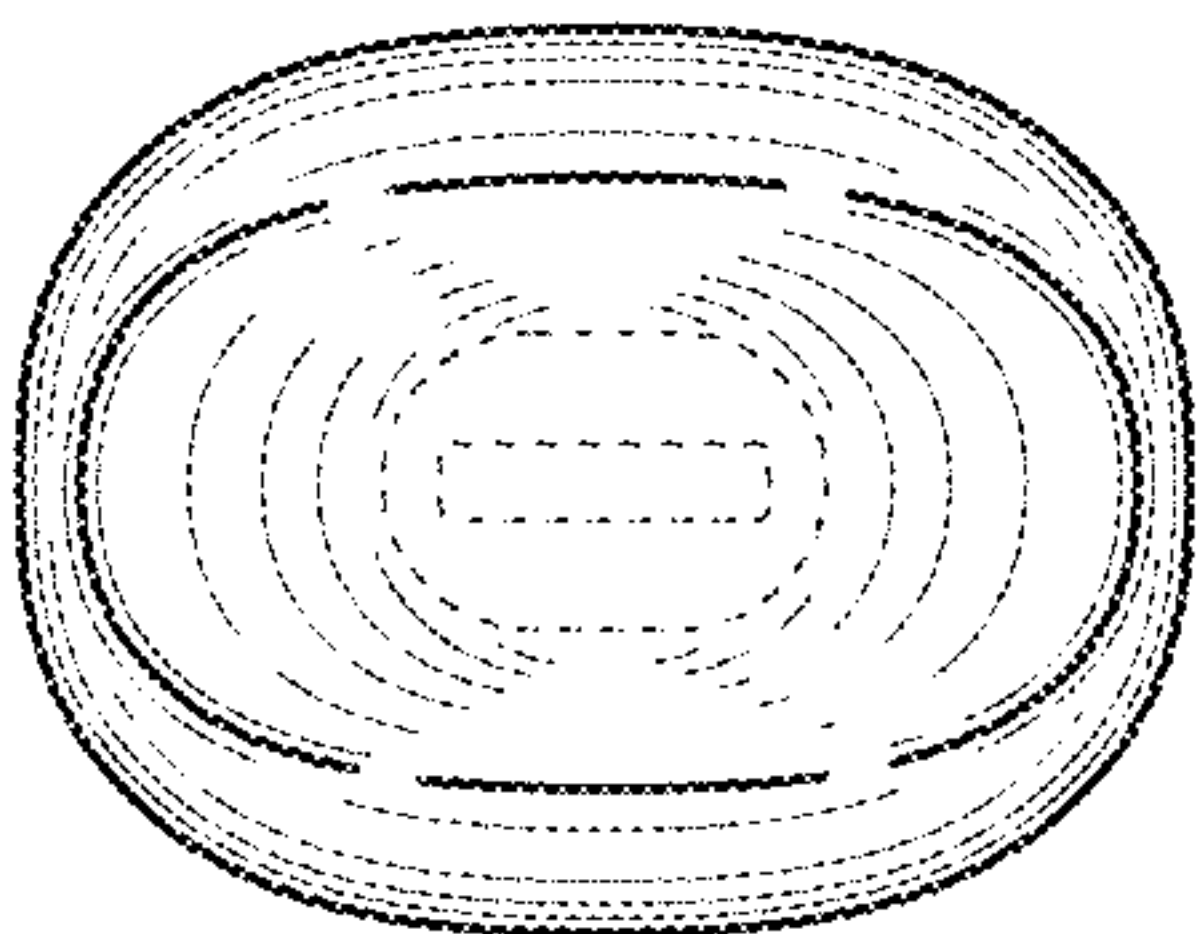


FIG. 4

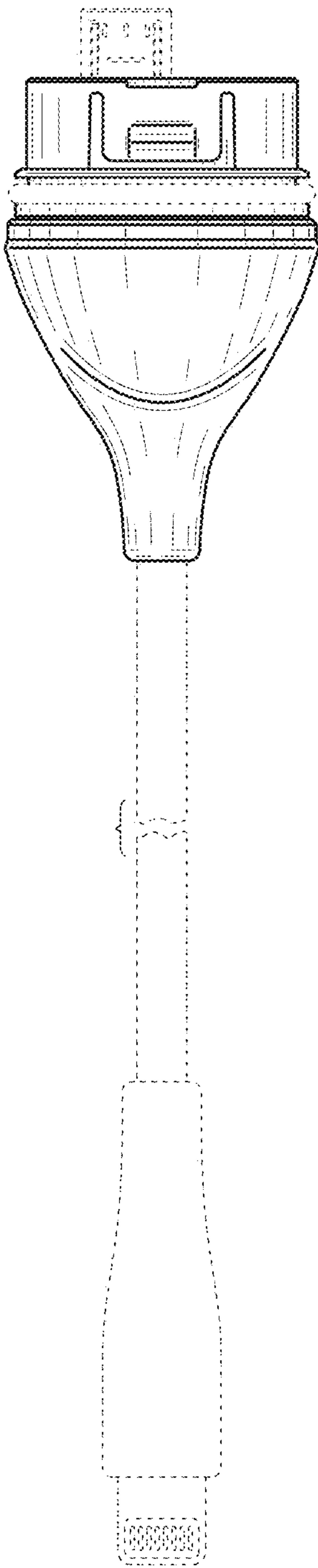


FIG. 5

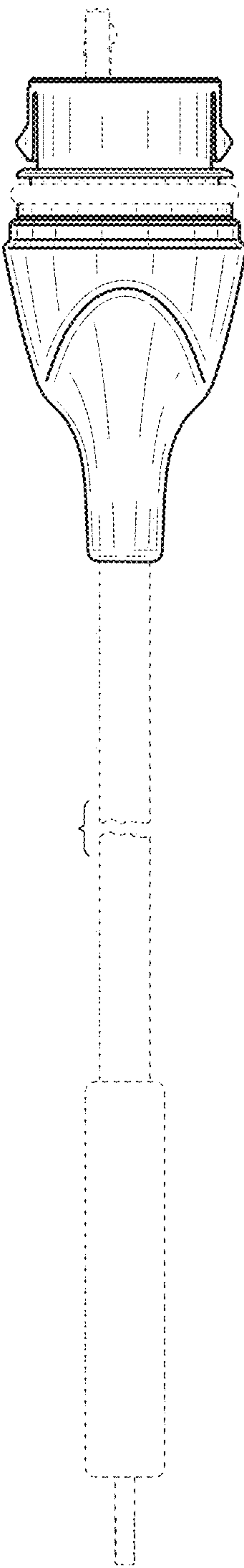


FIG. 6

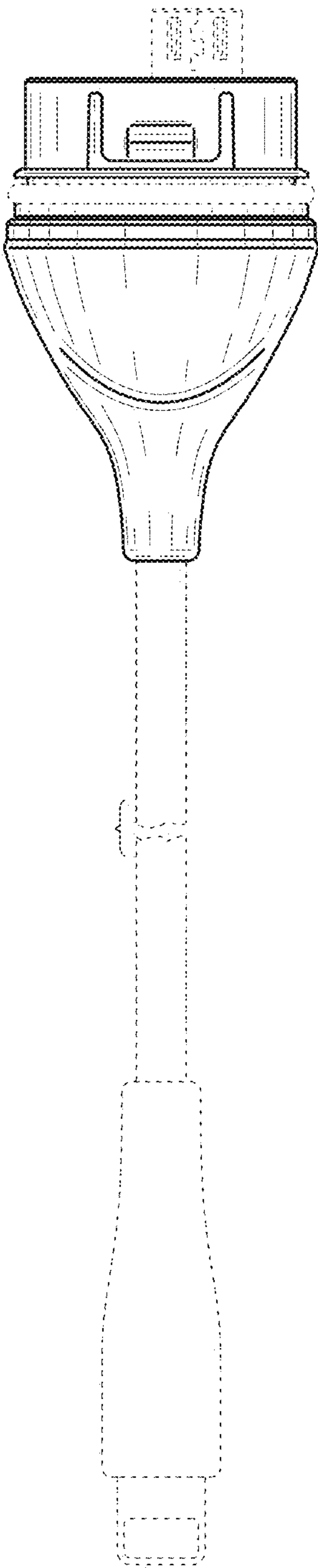


FIG. 7