



US00D963743S

(12) **United States Design Patent** (10) **Patent No.:** **US D963,743 S**
Esterberg et al. (45) **Date of Patent:** **** Sep. 13, 2022**

(54) **FLUIDIC CASSETTE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.**,
Spring, TX (US)

RU 00103783 * 6/2017

(72) Inventors: **Dennis R. Esterberg**, Corvallis, OR
(US); **Vignesh Kannan**, Corvallis, OR
(US); **Kenneth Joseph Duda**, Corvallis,
OR (US)

OTHER PUBLICATIONS

Fluidic Cassette—2018—p. 1—YouTube 29728694—https://www.youtube.com/watch?v=V_r-IX4kDXs (Year: 2018).*

(73) Assignee: **Hewlett-Packard Development Company, L.P.**, Spring, TX (US)

Primary Examiner — Jennifer L Rempfer
Assistant Examiner — Danielle Nichole Bowly
(74) *Attorney, Agent, or Firm* — Fabian VanCott

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

(57) **CLAIM**

The ornamental design for a fluidic cassette, as shown and described.

(21) Appl. No.: **29/728,694**

DESCRIPTION

(22) Filed: **Mar. 20, 2020**

(51) **LOC (13) Cl.** **18-02**

(52) **U.S. Cl.**
USPC **D18/56**

(58) **Field of Classification Search**
USPC D15/138, 135, 122; D18/50, 52, 54, 55,
D18/56
CPC ... B65H 1/02; B41J 17/00; B41J 29/08; B41J
29/02; B41J 2/1752; B41J 2/175; B41J
15/044; B26D 1/045; B26D 1/065; B41M
2205/06; B41M 2205/04; B41M 5/035;
B41M 5/03; B41M 5/0094; B41M 1/26;
B41M 1/24; H04N 1/00278
See application file for complete search history.

FIG. 1 is a front, top, and first side perspective view of the fluidic cassette;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a back view thereof;
FIG. 6 is a first side view thereof;
FIG. 7 is a second side view thereof;
FIG. 8 is an exploded perspective view thereof;
FIG. 9 is a front, top, and first side perspective view of a second embodiment of the fluidic cassette;
FIG. 10 is a top view thereof of the second embodiment;
FIG. 11 is a front view thereof of the second embodiment;
FIG. 12 is a back view thereof of the second embodiment;
FIG. 13 is a first side view thereof of the second embodiment;
FIG. 14 is a second side view thereof of the second embodiment; and,
FIG. 15 is a exploded perspective view thereof of the second embodiment.

Those portions of the Figures shown in broken lines depict features that form no part of the claimed design.

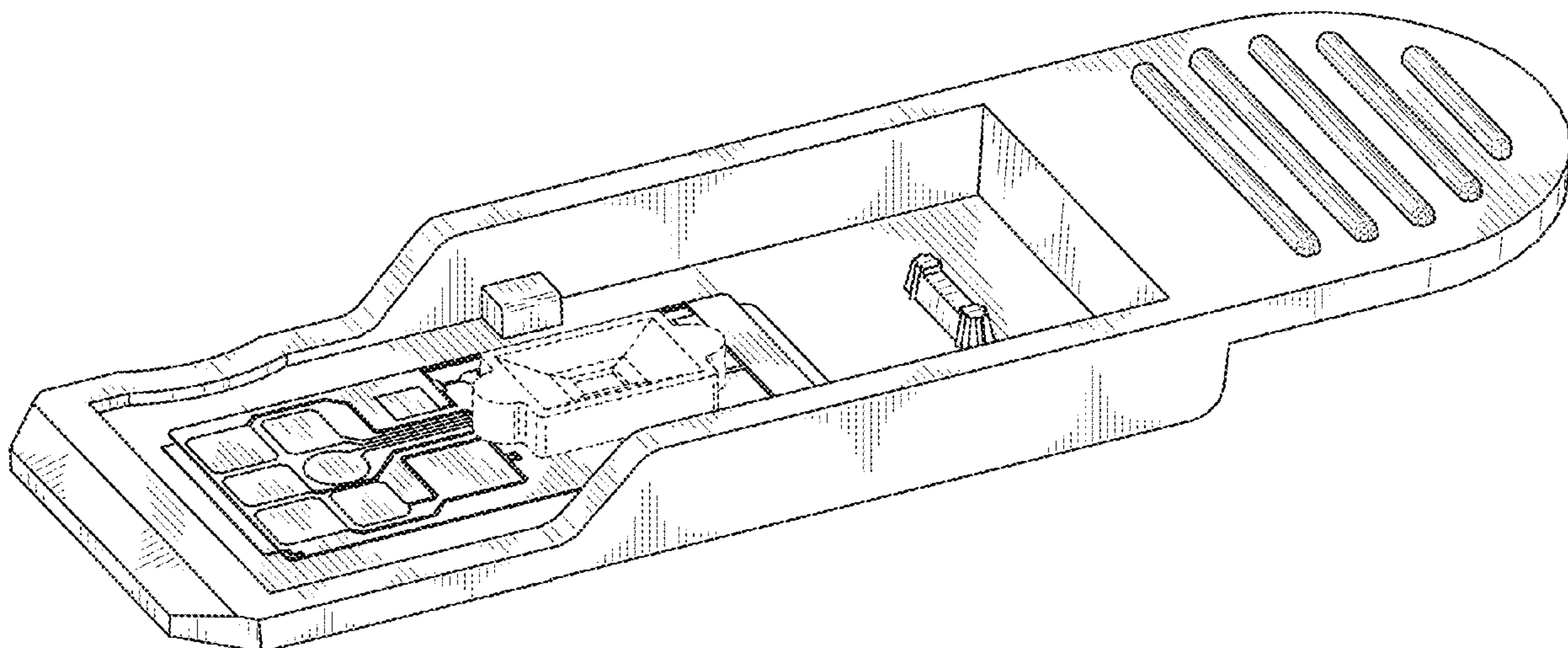
(56) **References Cited**

U.S. PATENT DOCUMENTS

D442,626 S * 5/2001 Barouh 347/86
6,390,593 B1 5/2002 Deroos
6,550,890 B2 4/2003 Saijo
D496,685 S * 9/2004 Lui D18/56

(Continued)

1 Claim, 11 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D501,500 S * 2/2005 Schultz B26D 7/015
D18/34.8
7,021,741 B2 4/2006 Aldrich
7,195,334 B2 3/2007 Nakamura
7,311,375 B2 12/2007 Suzuki
D639,977 S * 6/2011 Francis D24/225
D640,389 S * 6/2011 Francis D24/225
D655,423 S * 3/2012 Nielsen D24/216
D726,252 S 4/2015 Mizutani
9,061,512 B2 6/2015 Nozawa
D769,966 S 10/2016 Mizutani
D812,061 S * 3/2018 MacDonald D14/432
D812,063 S * 3/2018 Lane D14/432
D816,157 S * 4/2018 Ishizawa D18/56
D829,815 S 10/2018 Lutnesky
D835,108 S * 12/2018 MacDonald D14/432
D836,115 S * 12/2018 Beaupre D14/432
D842,926 S * 3/2019 Takagiwa D18/56
D876,537 S * 2/2020 Lutnesky D18/56
D886,901 S * 6/2020 Hussey D24/216
D888,150 S * 6/2020 Lutnesky D18/56
D916,959 S * 4/2021 Minagawa D18/56
2010/0152685 A1 * 6/2010 Goh A61M 1/74
604/319
2015/0336100 A1 11/2015 Esterberg
2018/0284147 A1 10/2018 Lutnesky
2020/0316592 A1 * 10/2020 Lutnesky B01L 3/502715

* cited by examiner

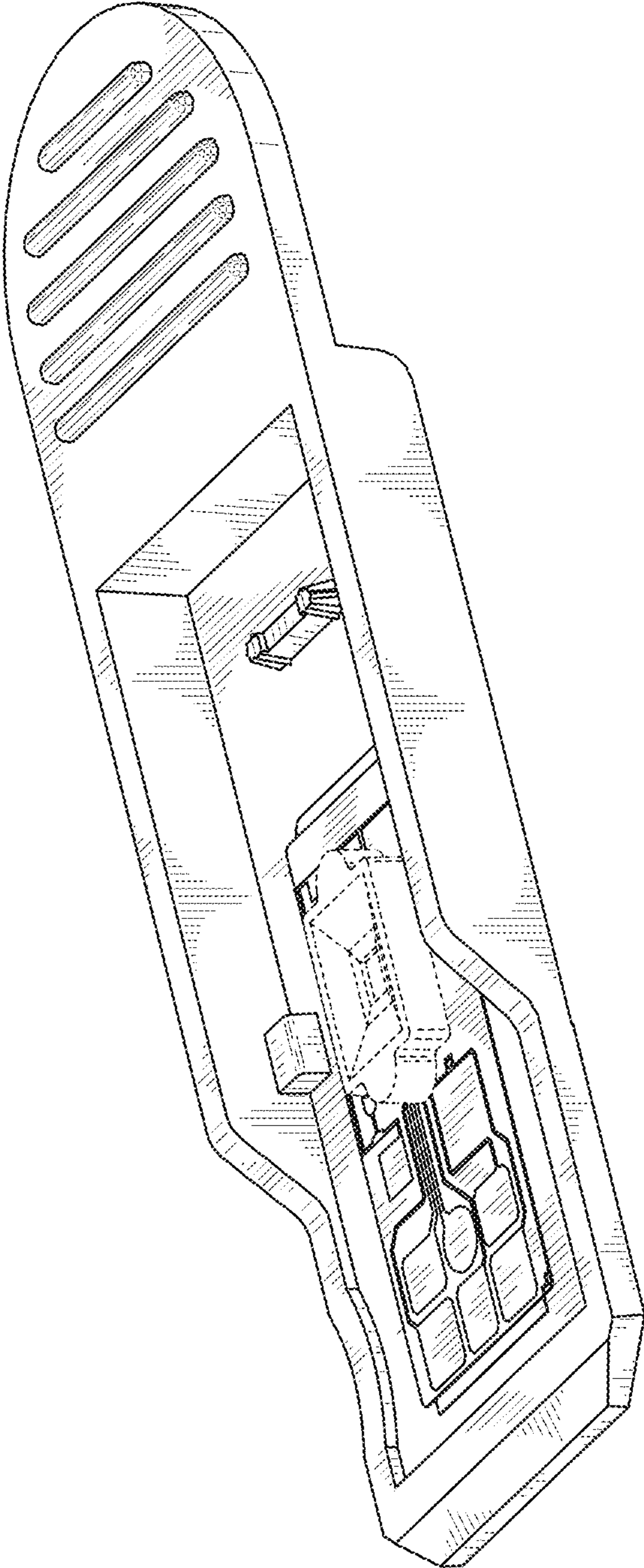


FIG. 1

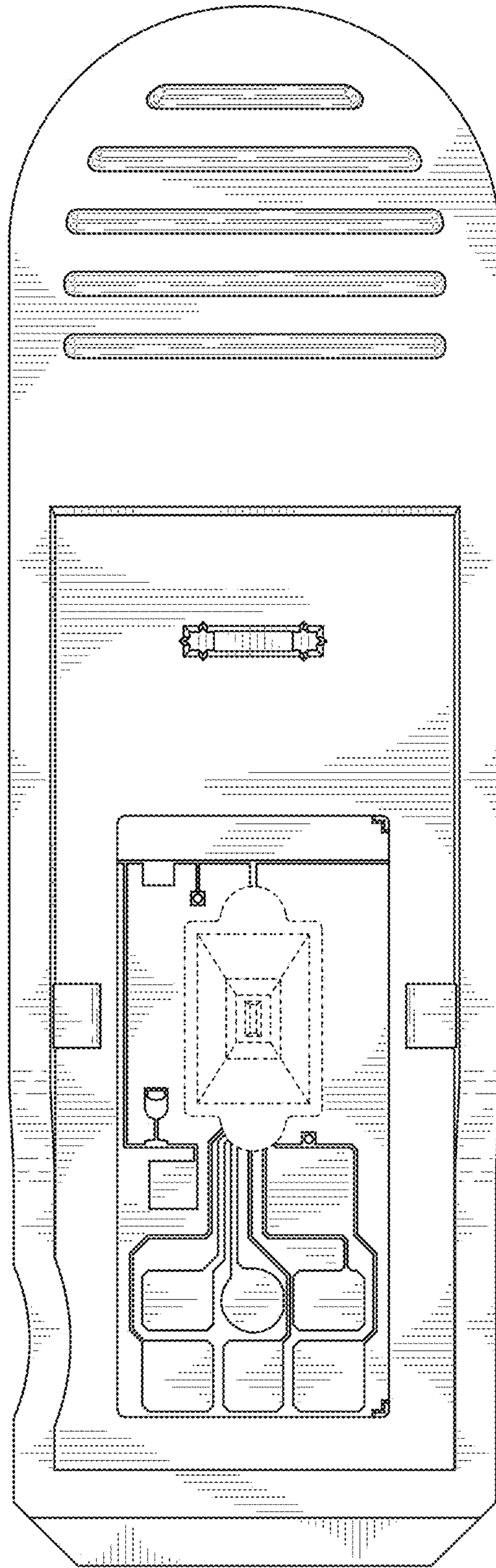


FIG. 2

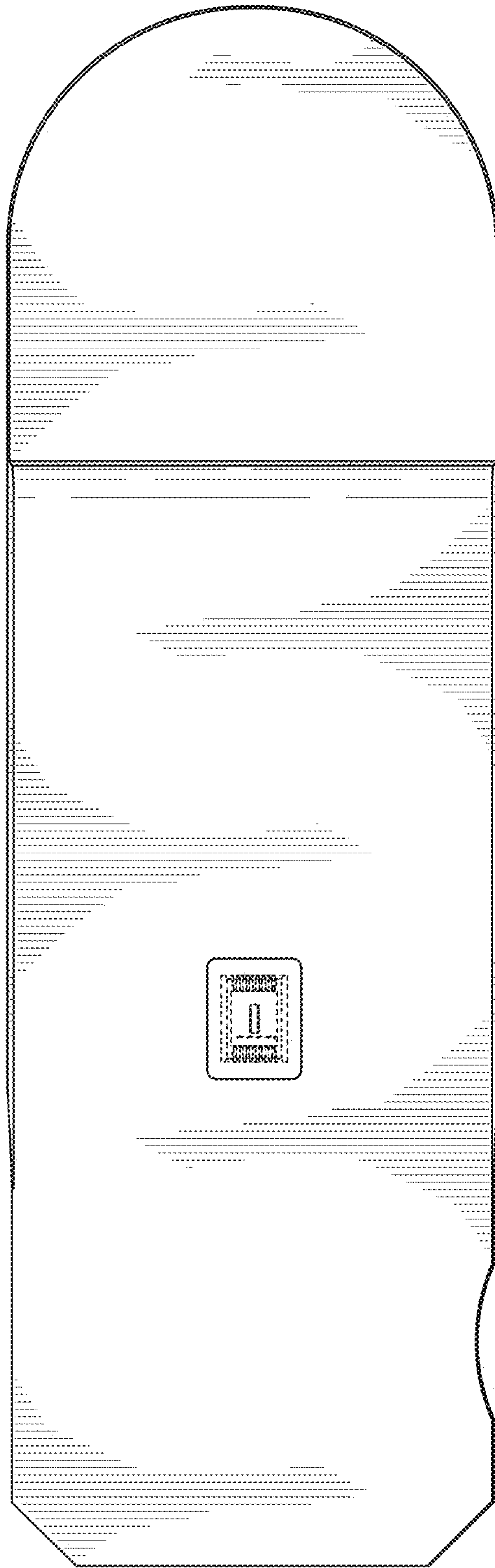


FIG. 3

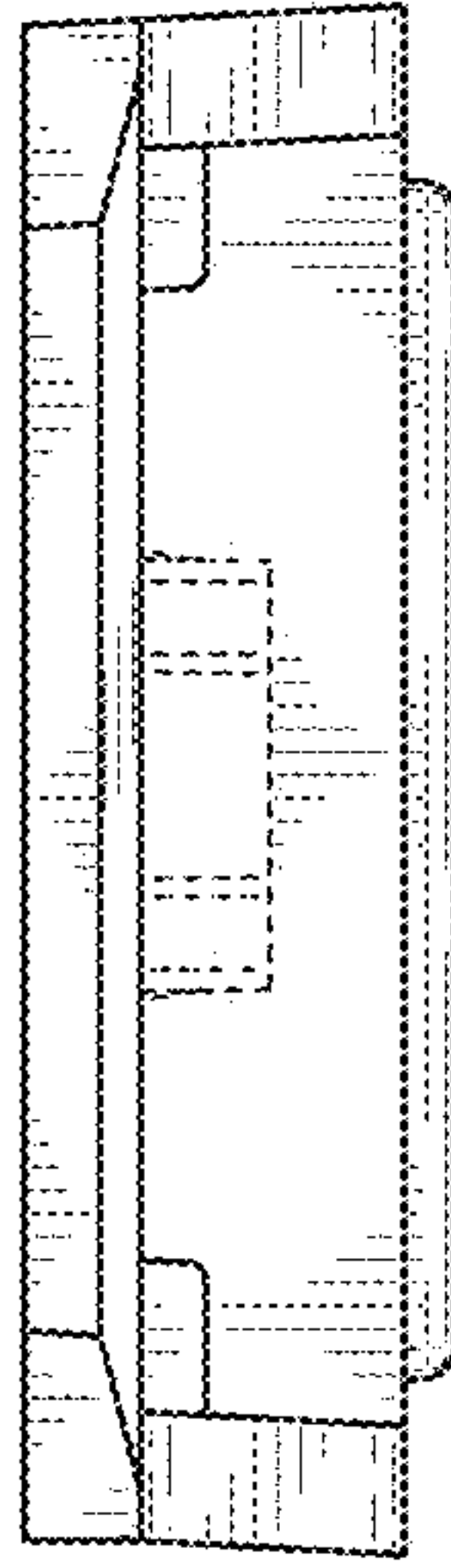


FIG. 4

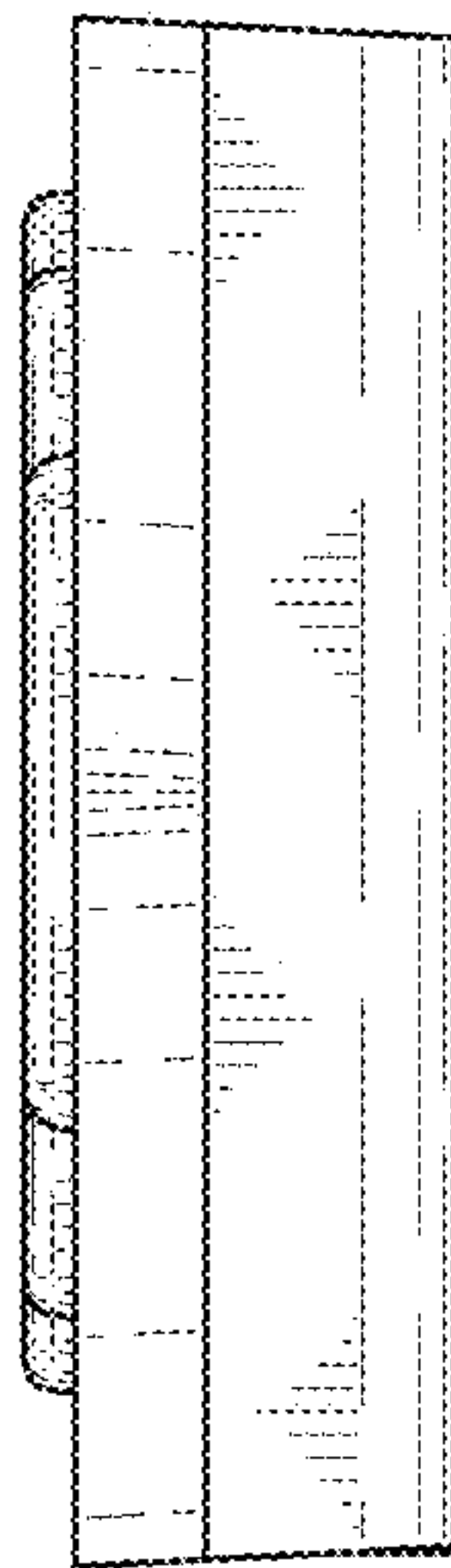


FIG. 5

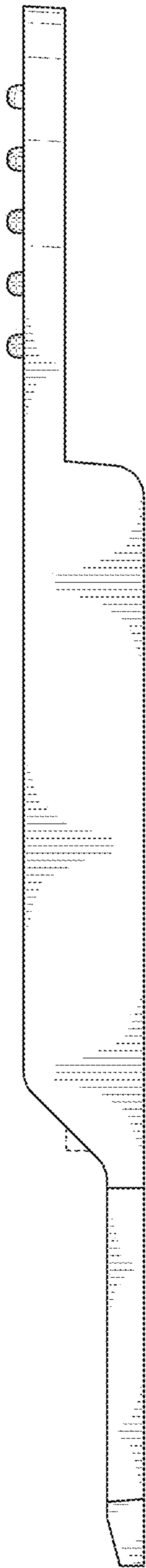


FIG. 6

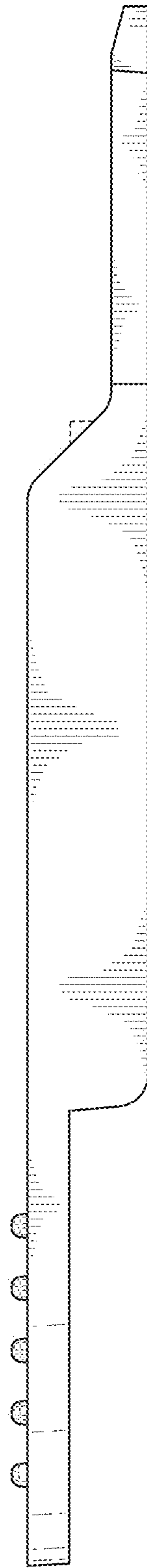


FIG. 7

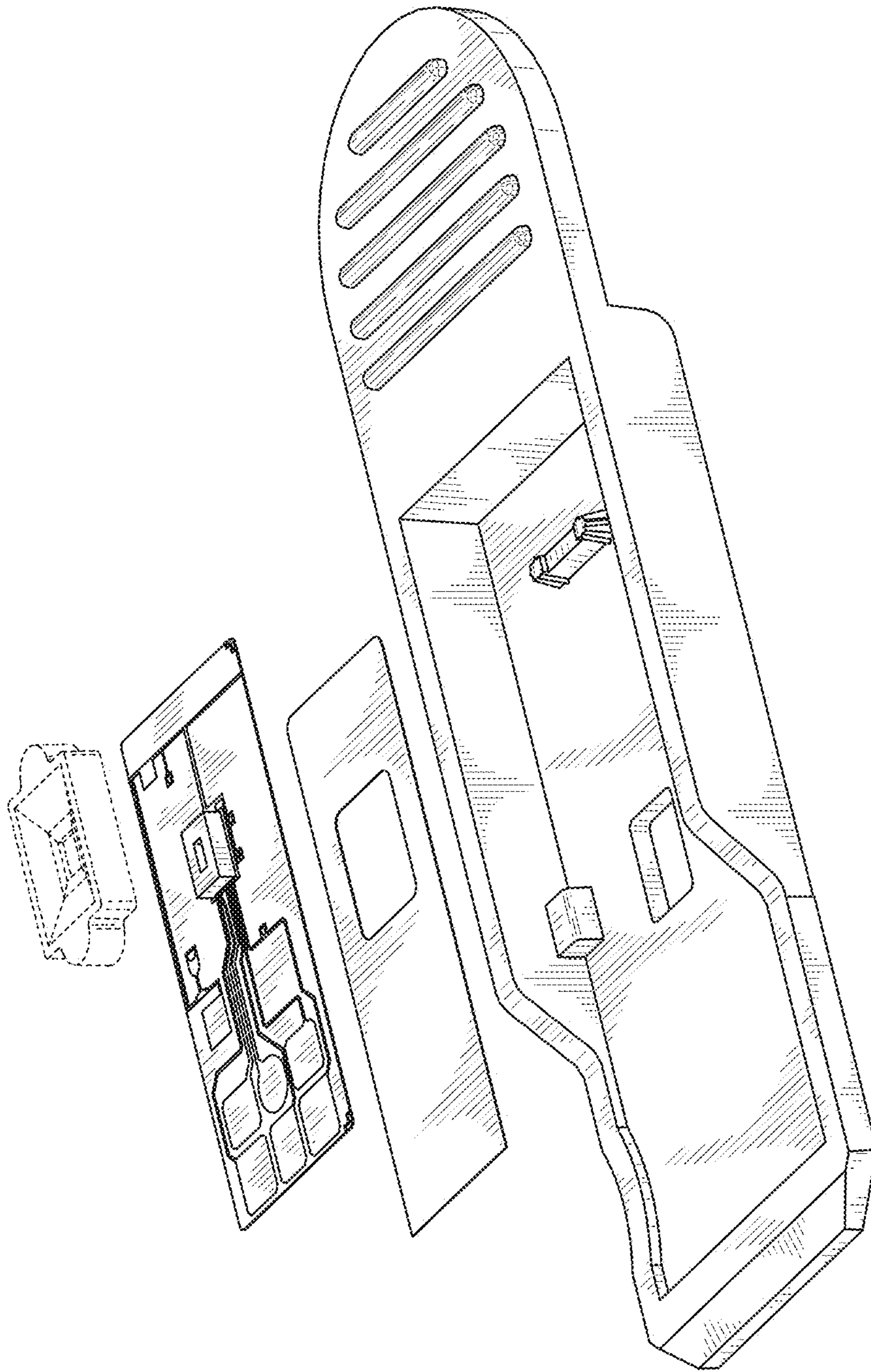


FIG. 8

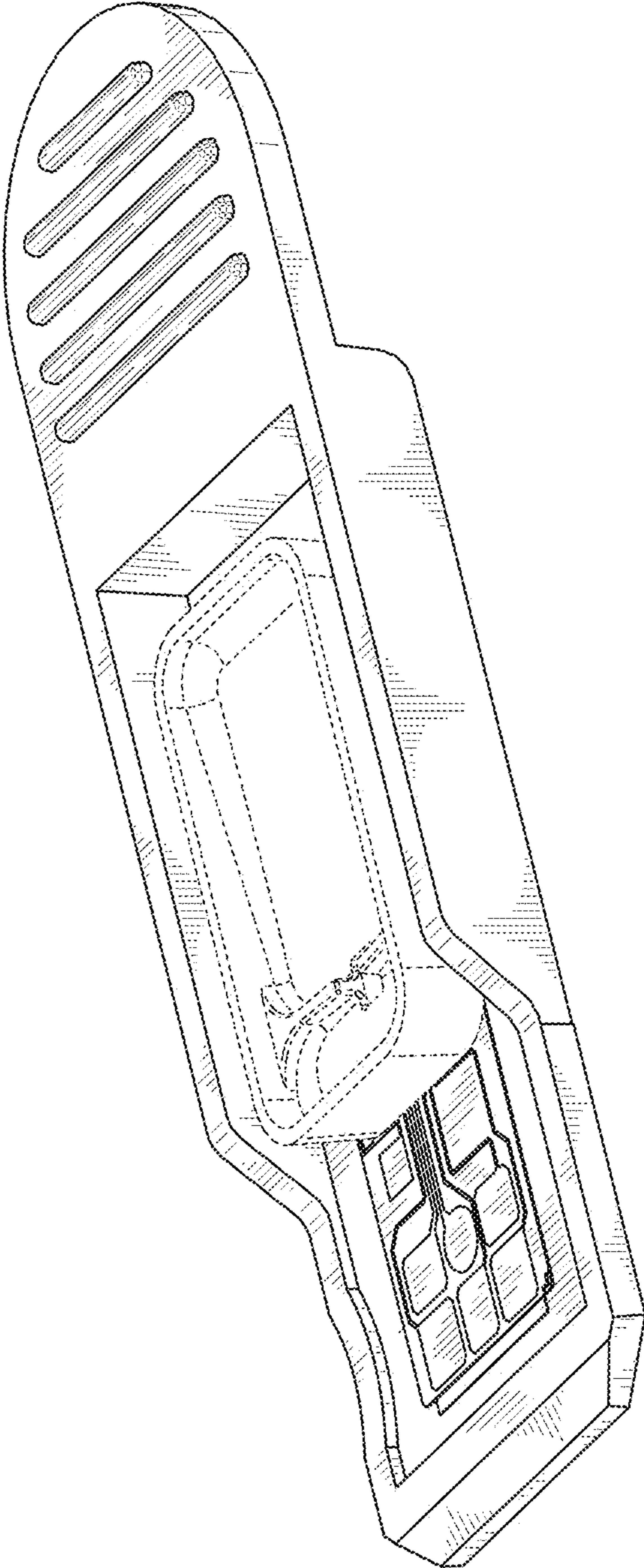


FIG. 9

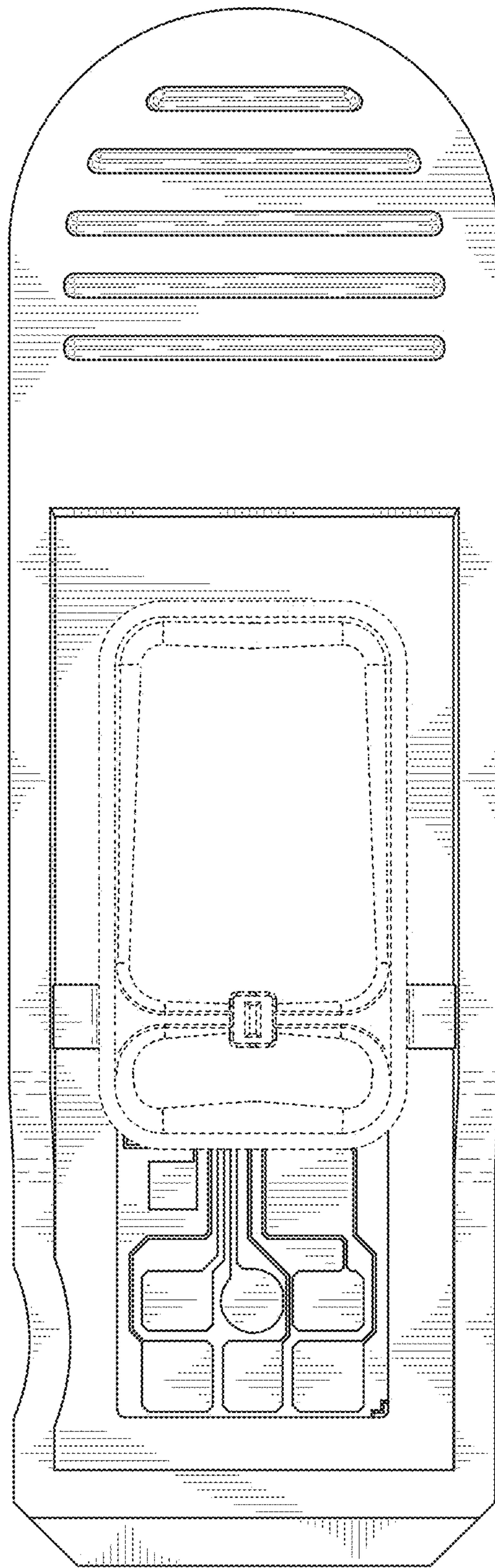


FIG. 10



FIG. 11

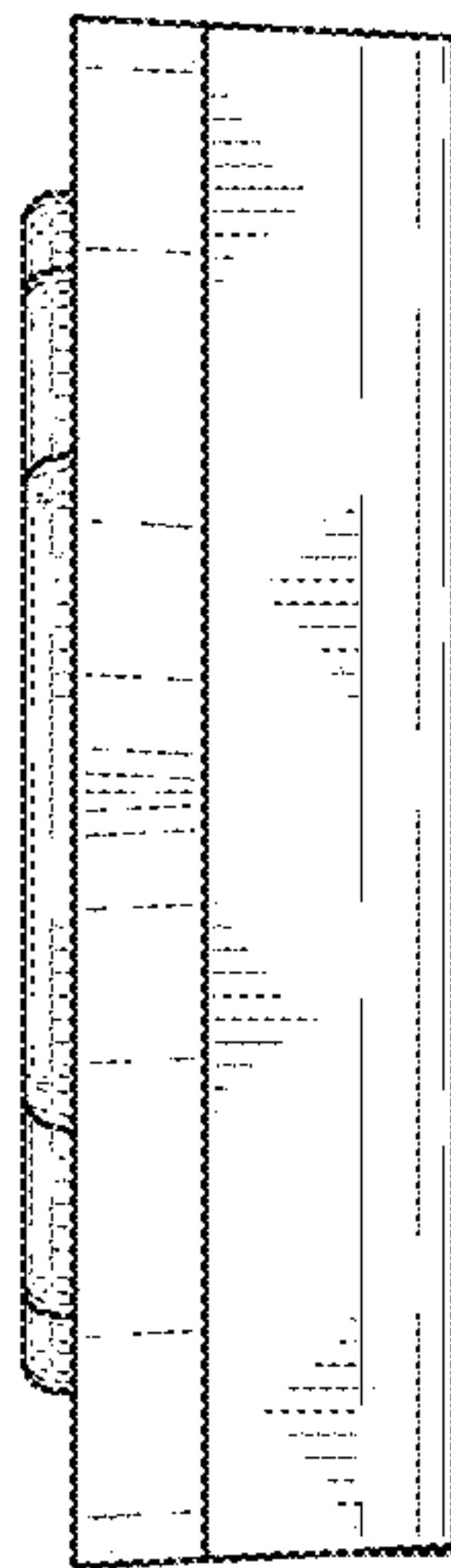


FIG. 12

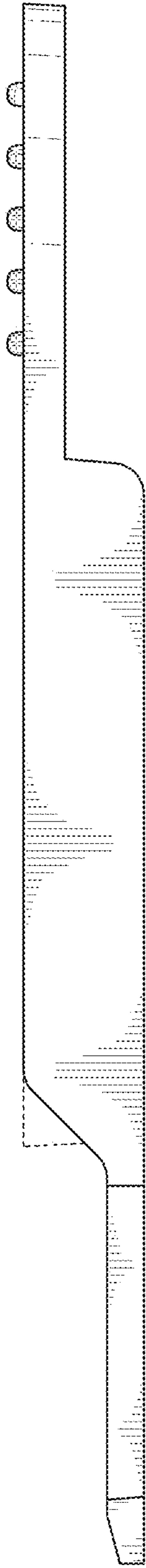


FIG. 13

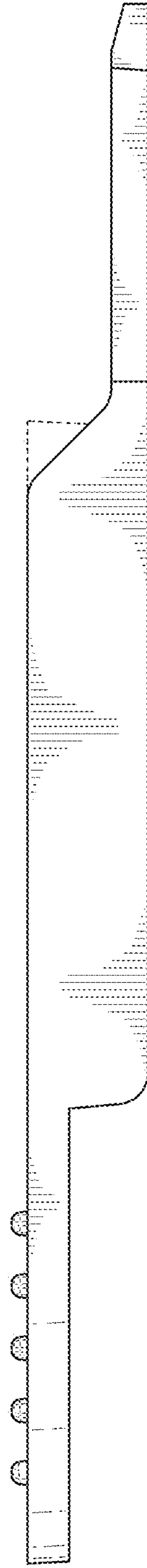


FIG. 14

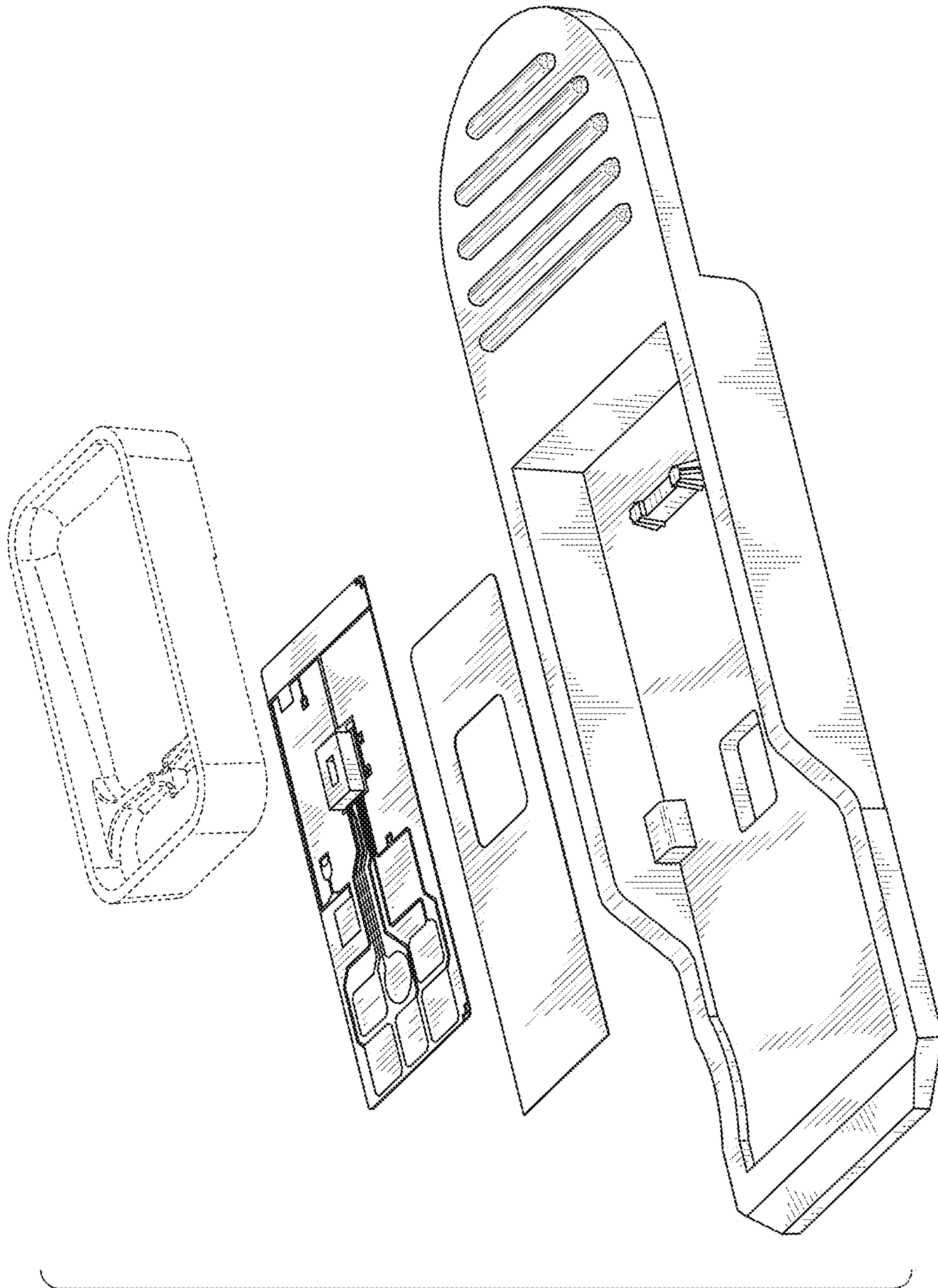


FIG. 15