



(12) **United States Design Patent**
Wong et al.

(10) **Patent No.:** **US D779,432 S**
(45) **Date of Patent:** **** Feb. 21, 2017**

(54) **SENSOR AND CONNECTOR**

(57) **CLAIM**

(71) Applicant: **Covidien LP**, Mansfield, MA (US)
(72) Inventors: **Alissa K. Wong**, Boulder, CO (US);
Timothy W. Fries, Louisville, CO (US)

We claim the ornamental design for a sensor and connector, as shown and described.

(73) Assignee: **Covidien LP**, Mansfield, MA (US)

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

DESCRIPTION

(21) Appl. No.: **29/539,745**

(22) Filed: **Sep. 17, 2015**

(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/133**; D10/97; D24/186

(58) **Field of Classification Search**
USPC D10/78, 81, 97; D13/133; D14/433;
D24/186, 187, 168, 169
(Continued)

FIG. 1 is a perspective view of the sensor and connector of the present invention;
FIG. 2 is a top view of the sensor and connector of FIG. 1;
FIG. 3 is a bottom view of the sensor and connector of FIG. 1;
FIG. 4 is a right side view of the sensor and connector of FIG. 1;
FIG. 5 is a left side view of the sensor and connector of FIG. 1;
FIG. 6 is a front view of the sensor and connector of FIG. 1;
FIG. 7 is a rear view of the sensor and connector of FIG. 1;
FIG. 8 is a perspective view of an alternate embodiment of the sensor and connector;
FIG. 9 is a top view of the sensor and connector of FIG. 8;
FIG. 10 is a left or right side view of the sensor and connector of FIG. 8;
FIG. 11 is a perspective view of an alternate embodiment of the sensor and connector;
FIG. 12 is a top view of the sensor and connector of FIG. 11;
FIG. 13 is a right side view of the sensor and connector of FIG. 11;
FIG. 14 is a perspective view of an alternate embodiment of the sensor and connector;
FIG. 15 is a top view of the sensor and connector of FIG. 14;
FIG. 16 is a left or right side view of the sensor and connector of FIG. 14; and,
FIG. 17 is a perspective view of an alternate embodiment of the sensor and connector.

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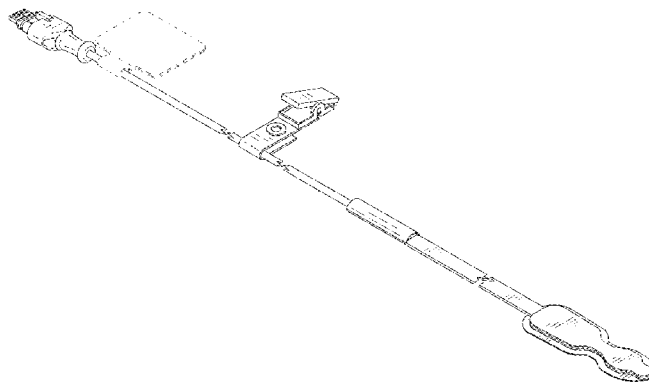
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Any subject matter shown in broken lines in the drawings constitutes the environment only and forms no part of the protection sought. The article is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

Primary Examiner — Antoine D Davis

1 Claim, 11 Drawing Sheets



(58) **Field of Classification Search**

CPC	A61B 5/14551; A61B 5/14552; A61B 5/14553; A61B 5/6813; A61B 5/6814; A61B 5/6815; A61B 5/6816; A61B 5/6817; A61B 5/6819; A61B 5/682; A61B 5/6821; A61B 5/6822; A61B 5/6823; A61B 5/6824; A61B 5/6825	7,117,590 B2 7,132,641 B2 7,210,959 B1 7,225,006 B2 7,248,910 B2 7,371,981 B2 7,377,794 B2 7,427,165 B2 8,188,433 B2*	10/2006 11/2006 5/2007 5/2007 7/2007 5/2008 5/2008 9/2008 5/2012	Koenig et al. Schulz et al. Teves Al-Ali et al. Li et al. Abdul-Hafiz Al-Ali et al. Benaron et al. Gonopolskiy	A61B 5/14552 250/338.1
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See application file for complete search history.

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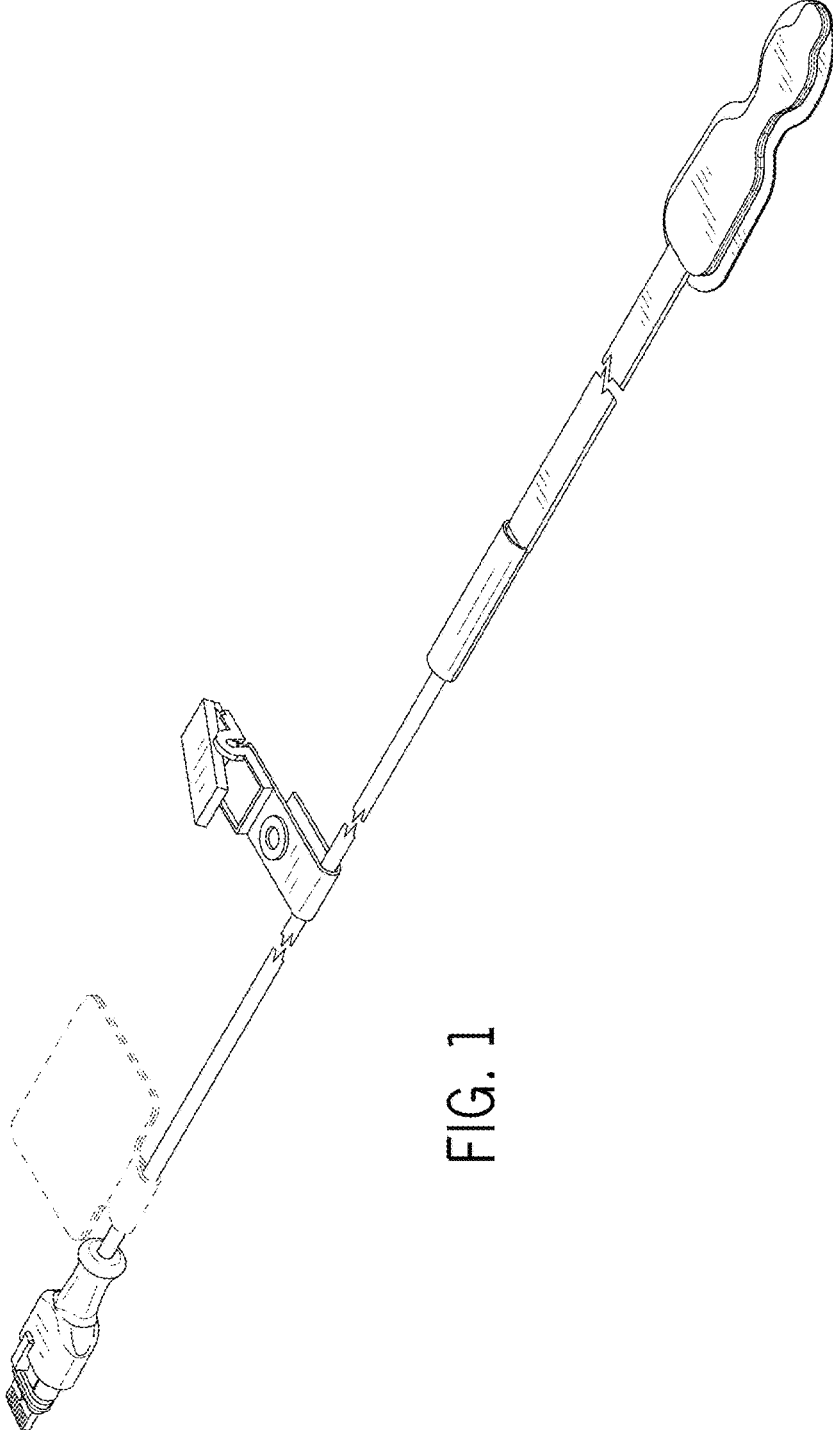


FIG. 1

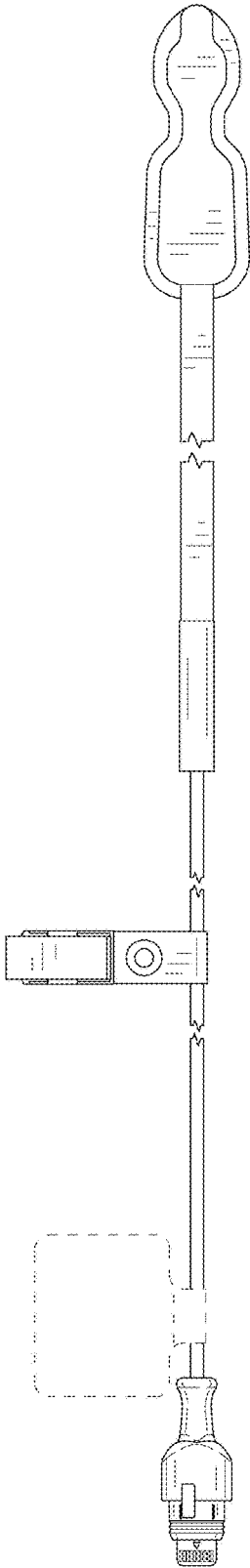


FIG. 2

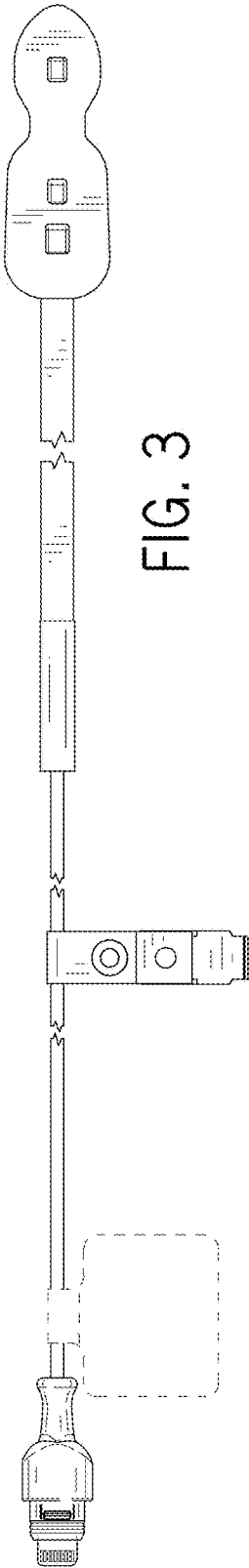


FIG. 3

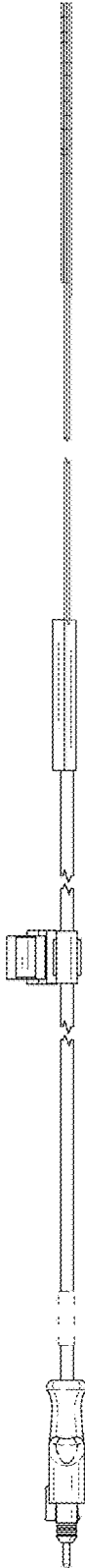


FIG. 4

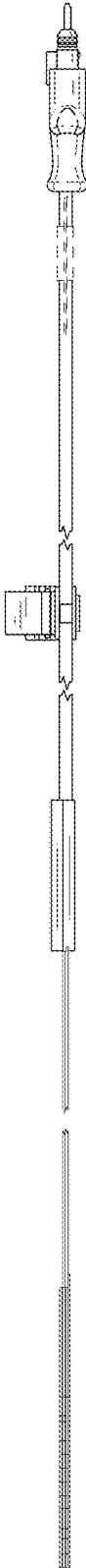


FIG. 5

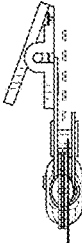


FIG. 6

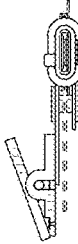


FIG. 7

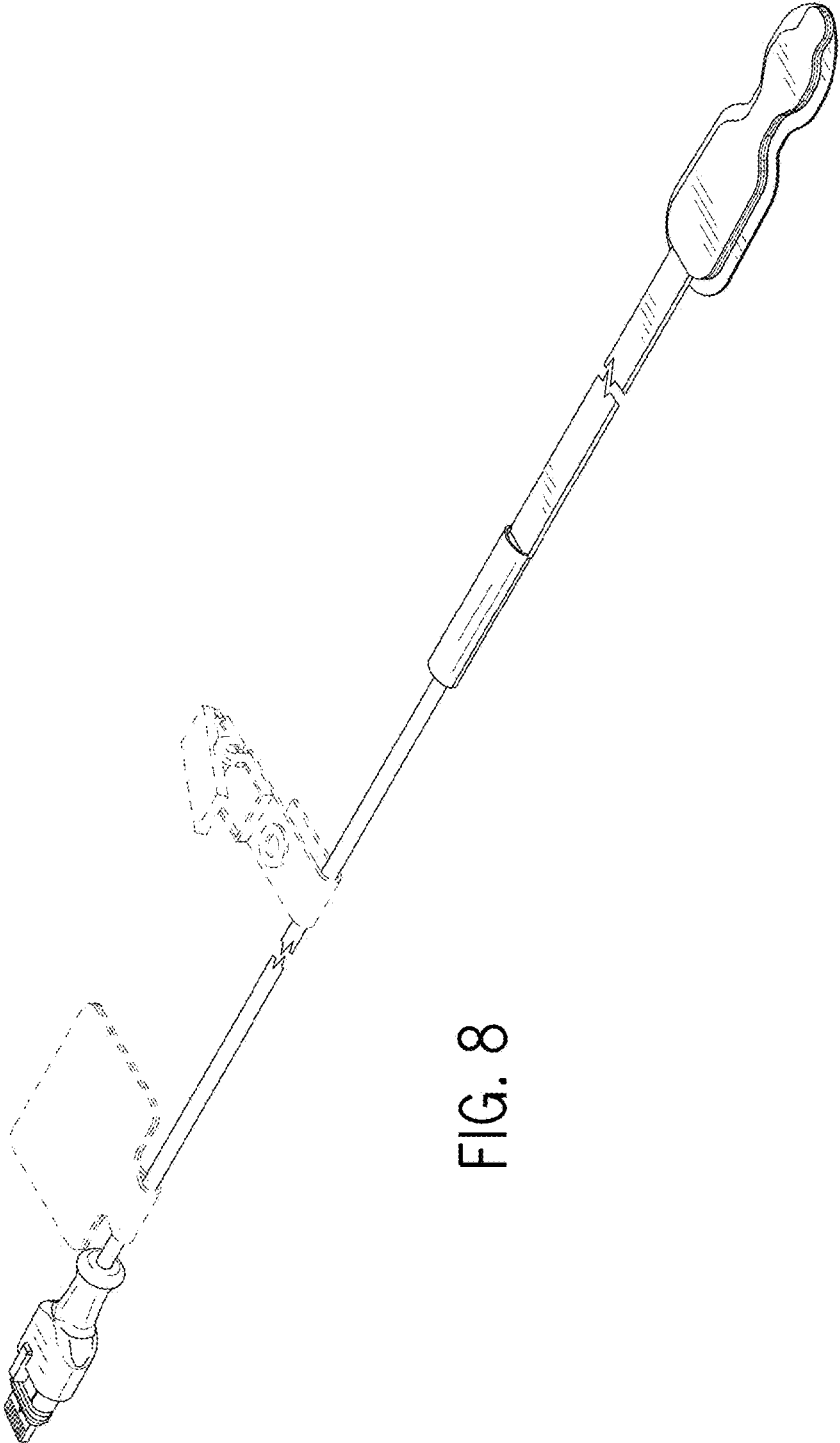


FIG. 8

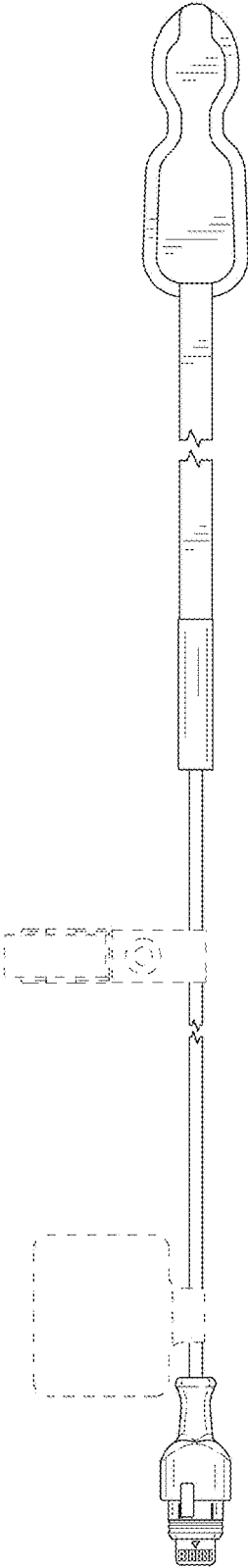


FIG. 9

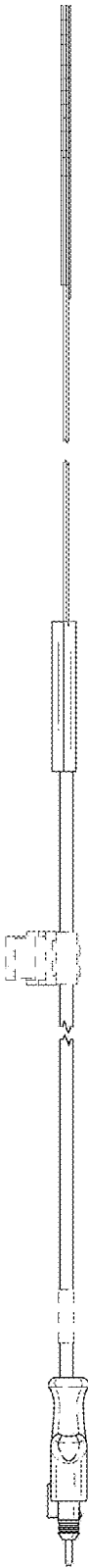


FIG. 10

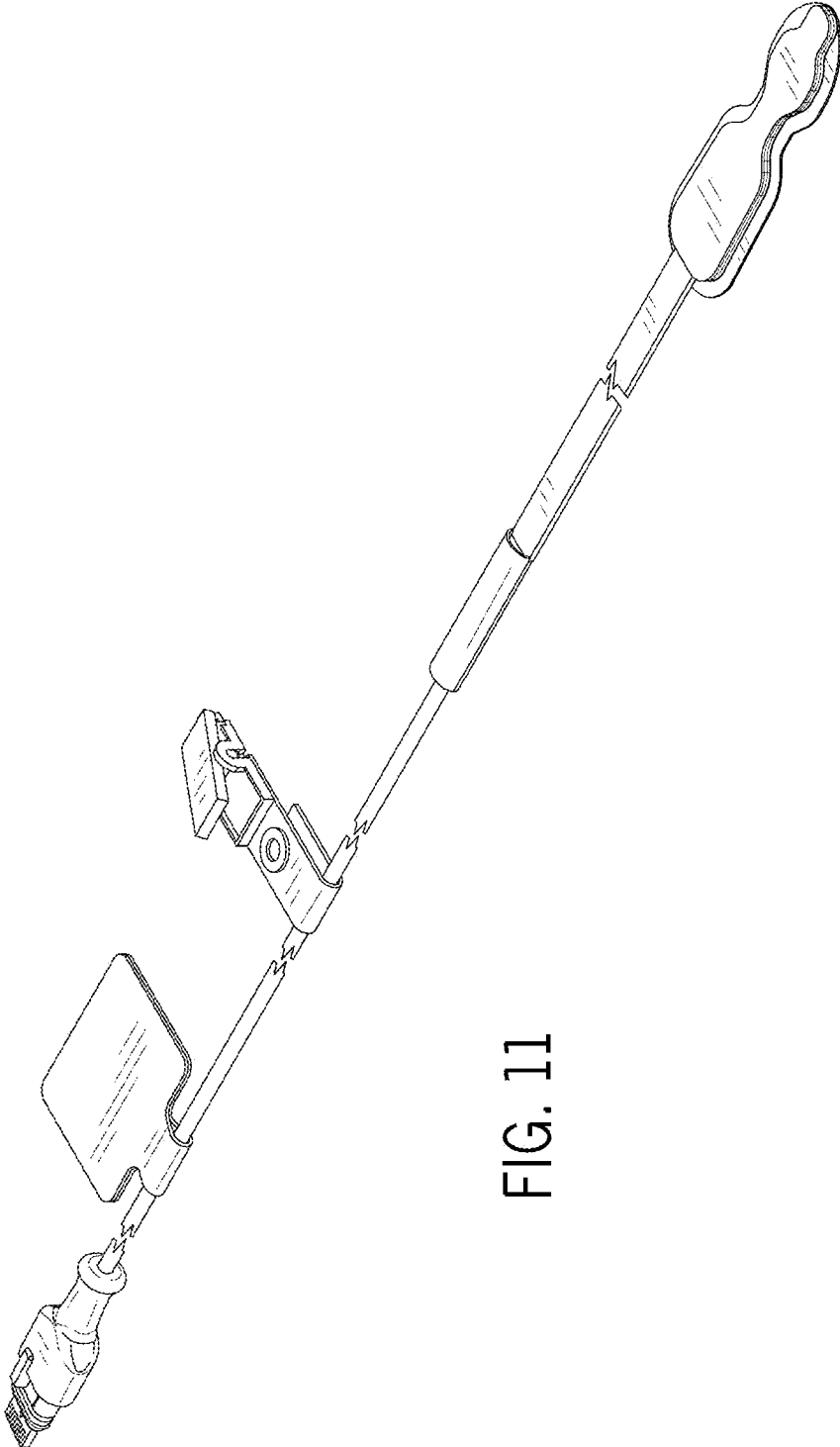


FIG. 11

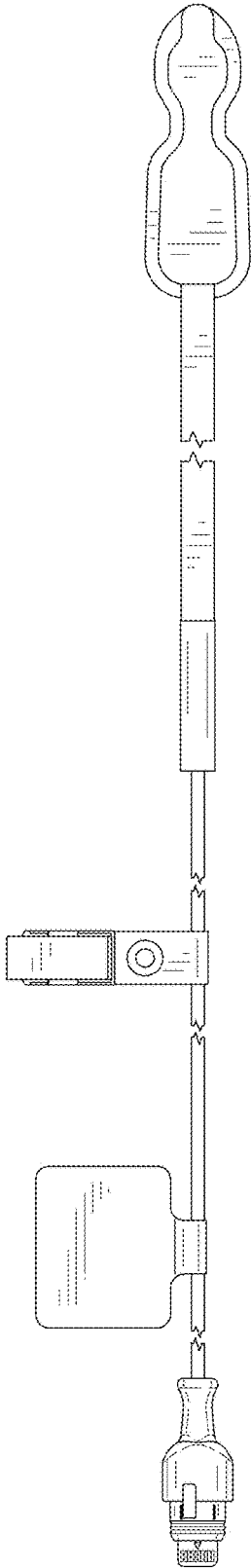


FIG. 12

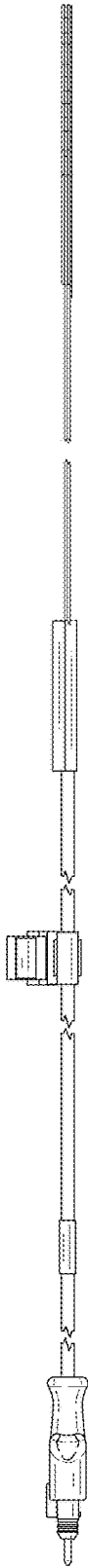


FIG. 13

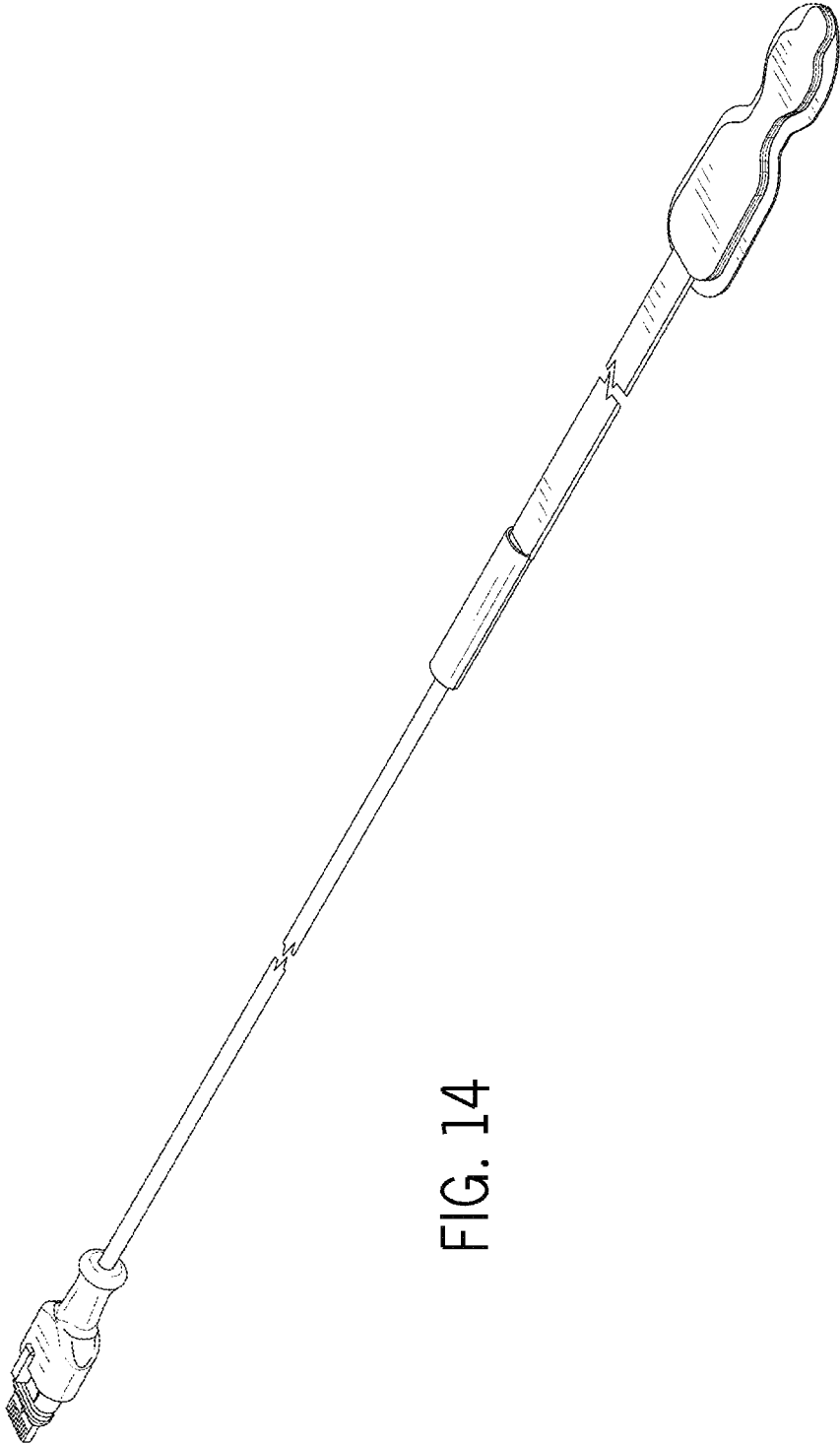


FIG. 14

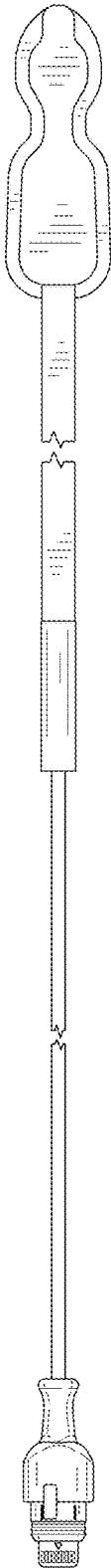


FIG. 15

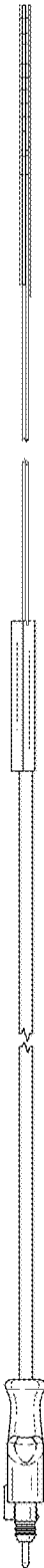


FIG. 16

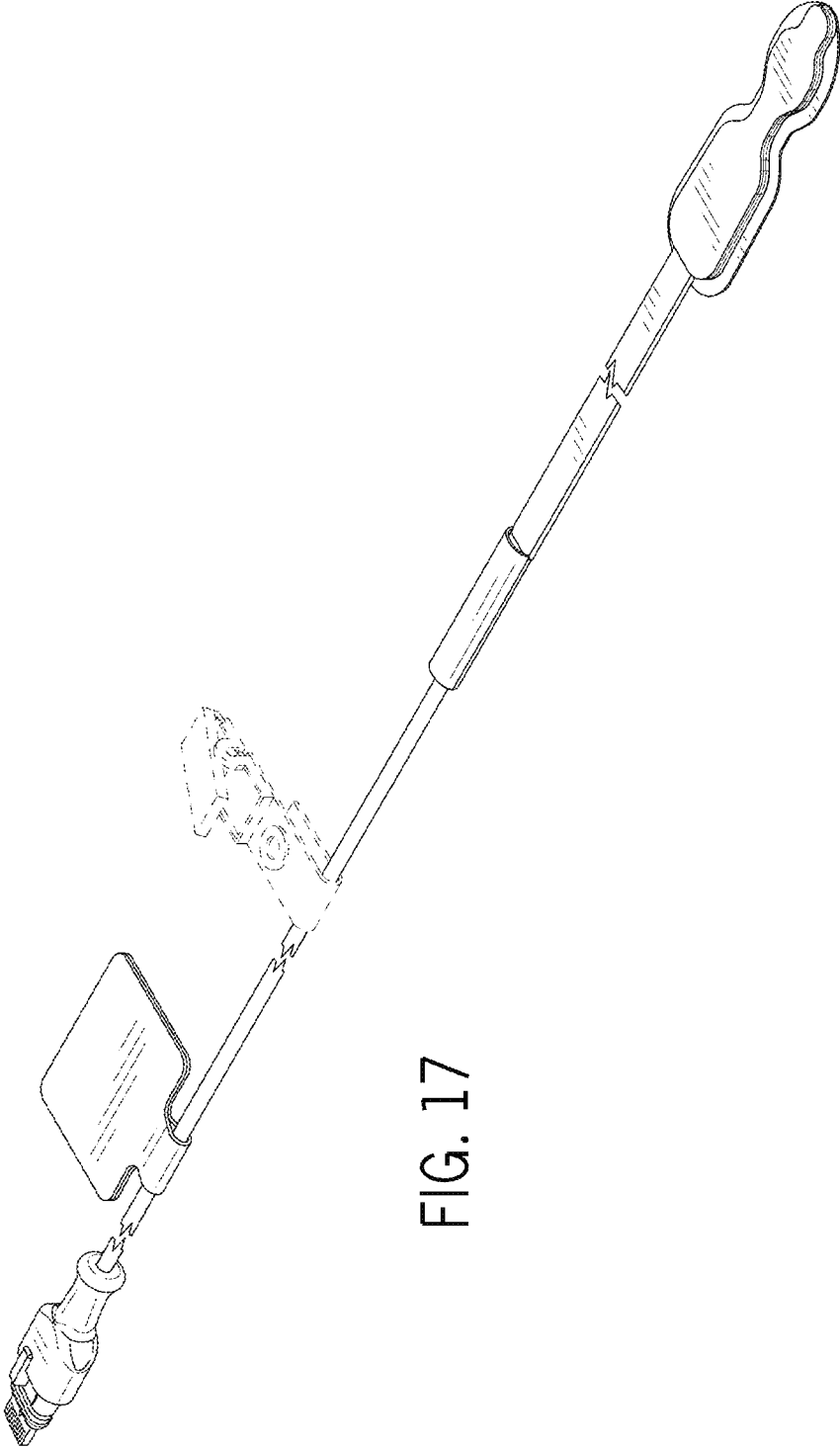


FIG. 17