US00D615659S

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

(10) **Patent No.: US D615,659 S**
(45) **Date of Patent: ** May 11, 2010**

(54) **PHYSIOLOGICAL SENSOR**

(75) Inventors: **Arik Anderson**, Birmingham, MI (US); **Ronald A. Widman**, Macomb, MI (US); **Oleg Gonopolskiy**, West Bloomfield, MI (US)

(73) Assignee: **Somanetics Corporation**, Troy, MI (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/331,819**

(22) Filed: **Feb. 2, 2009**

(51) **LOC (9) Cl.** **24-01**
(52) **U.S. Cl.** **D24/187**
(58) **Field of Classification Search** D24/168, D24/186–187, 200, 232; D13/182; 600/372–384, 600/391; 607/62, 109, 121, 129, 139; 427/2.12
See application file for complete search history.

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Primary Examiner—T. Chase Nelson
Assistant Examiner—Mark Cavanna
(74) *Attorney, Agent, or Firm*—Rader, Fishman & Grauer PLLC

(57) **CLAIM**

The ornamental design of a physiological sensor, as shown and described.

DESCRIPTION

FIG. **1** is a bottom plan view of the first embodiment of a physiological sensor with a first cable attached, showing our new design. The cable and the contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **2** is a top plan view thereof with the specific length of the cable and the cable unclaimed.

FIG. **3** is a bottom plan view of the first embodiment of a physiological sensor with a second cable attached. The cable and the contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **4** is a top plan view thereof with the specific length of the cable and the cable unclaimed.

FIG. **5** is an enlarged exemplary side plan view of the first embodiment of the physiological sensor with the specific length of the cable and the cable unclaimed. The side plan view would be the same for the second and third embodiments with the exception of the claimed cord portion.

FIG. **6** is an enlarged exemplary front plan view of the first embodiment of the physiological sensor with the cable unclaimed. The front plan view would be the same for the second and third embodiments with the exception of the claimed cord portion.

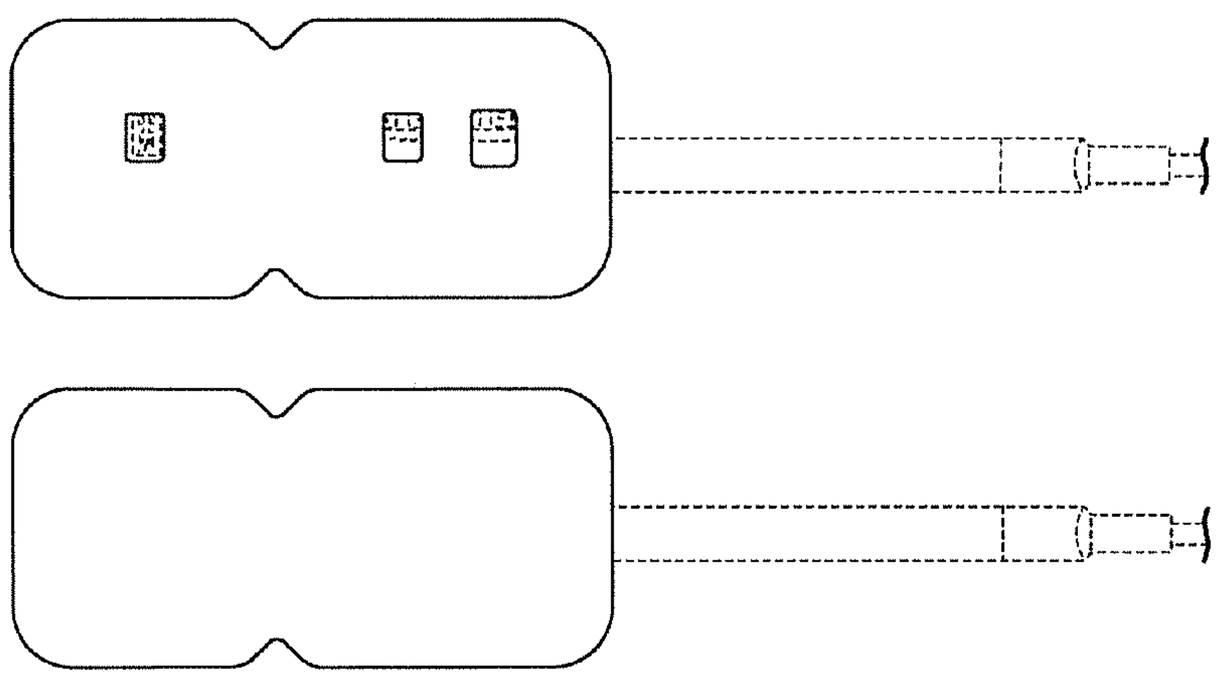

FIG. **7** is an enlarged exemplary back plan view of the first embodiment of the physiological sensor with the cable unclaimed. The back plan view would be the same for the second and third embodiments with the exception of the claimed cord portion.

FIG. **8** is a bottom plan view of the second embodiment of a physiological sensor with a first cable attached. The contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **9** is a top plan view thereof.

FIG. **10** is a bottom plan view of the third embodiment of a physiological sensor with a second cable attached. The contents of the three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **11** is a top plan view thereof with the cable unclaimed and of indeterminate length.

FIG. **12** is a bottom plan view of the fourth embodiment of a physiological sensor with a liner disposed thereon with a first cable attached. The cable and the contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **13** is a top plan view thereof with the specific length of the cable and the cable unclaimed.

FIG. **14** is a bottom plan view of the fifth embodiment of a physiological sensor with liner disposed thereon with a first cable attached. The cable, rectangular tab liner and the three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **15** is a bottom plan view of the sixth embodiment of a physiological sensor with a slit liner disposed thereon with a first cable attached. The cable and the contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **16** is a bottom plan view of the seventh embodiment of a physiological sensor with liner disposed thereon with a first cable attached. The cable and the contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **17** is a top plan view thereof with the specific length of the cable and the cable unclaimed.

FIG. **18** is a bottom plan view of the fifth embodiment of a physiological sensor with a liner disposed thereon with a second cable attached. The cable, rectangular tab liner and the three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **19** is a bottom plan view of the sixth embodiment of a physiological sensor with liner disposed thereon with a second cable attached. The cable and the contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **20** is an enlarged exemplary side plan view of the forth through seventh embodiments of the physiological sensor with the specific length of the cable and the cable unclaimed. The sides would be the same for the eighth through thirteenth embodiments with the exception of the claimed cord portion.

FIG. **21** is an enlarged exemplary front plan view of the fourth through seventh embodiments of the physiological sensor with the specific length of the cable and the cable unclaimed. The front plan view would be the same for the eighth through thirteenth embodiments with the claimed portion .

FIG. **22** is an enlarged exemplary back plan view of the fourth through seventh embodiments of the physiological sensor with the specific length of the cable and the cable unclaimed. The back plan view would be the same for the eighth through thirteenth embodiments with the claimed portion.

FIG. **23** is a bottom plan view of the eighth embodiment of a physiological sensor with a liner disposed thereon with a first cable attached. The contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **24** is a top plan view thereof with the cable of indeterminate length.

FIG. **25** is a bottom plan view of the ninth embodiment of a physiological sensor with liner disposed thereon with a first cable attached. The rectangular tab liner and the three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **26** is a bottom plan view of the tenth embodiment of a physiological sensor with a slit liner disposed thereon with a first cable attached. The contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **27** is a bottom plan view of the eleventh embodiment of a physiological sensor with liner disposed thereon with a second cable attached. The contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

FIG. **28** is a top plan view thereof with the specific length of the cable unclaimed.

FIG. **29** is a bottom plan view of the twelfth embodiment of a physiological sensor with a rectangular tab liner disposed thereon with a second cable attached. The rectangular tab liner and the three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design; and,

FIG. **30** is a bottom plan view of the thirteenth embodiment of a physiological sensor with liner disposed thereon with a second cable attached. The contents of three rectangular portions are unclaimed. The cable is shown cut off to indicate that a specific length of cable forms no part of the claimed design.

The broken lines are included for the purpose of illustrating portions of the physiological sensor that form no part of the claimed design.

1 Claim, 10 Drawing Sheets

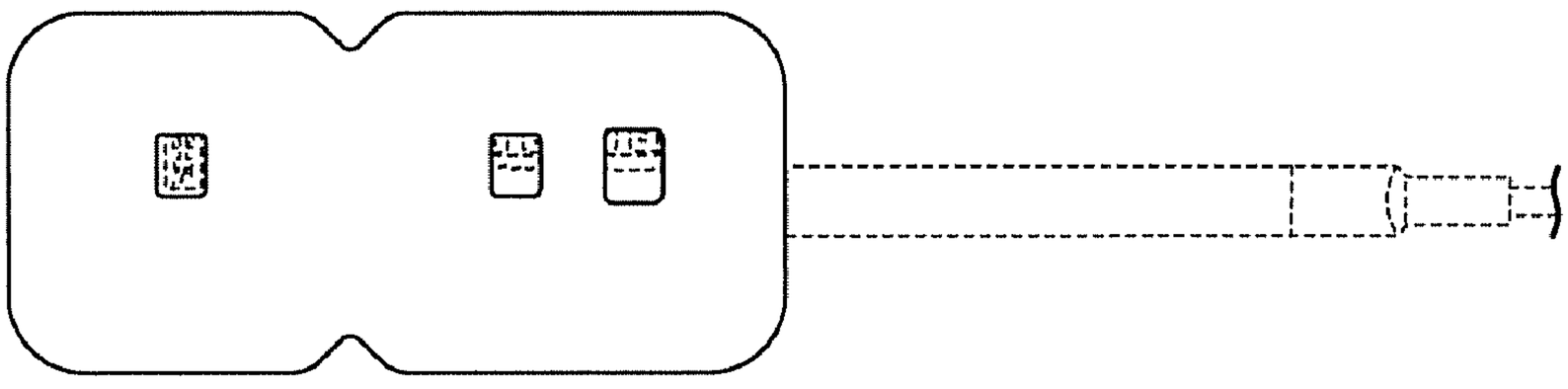

FIG. 1

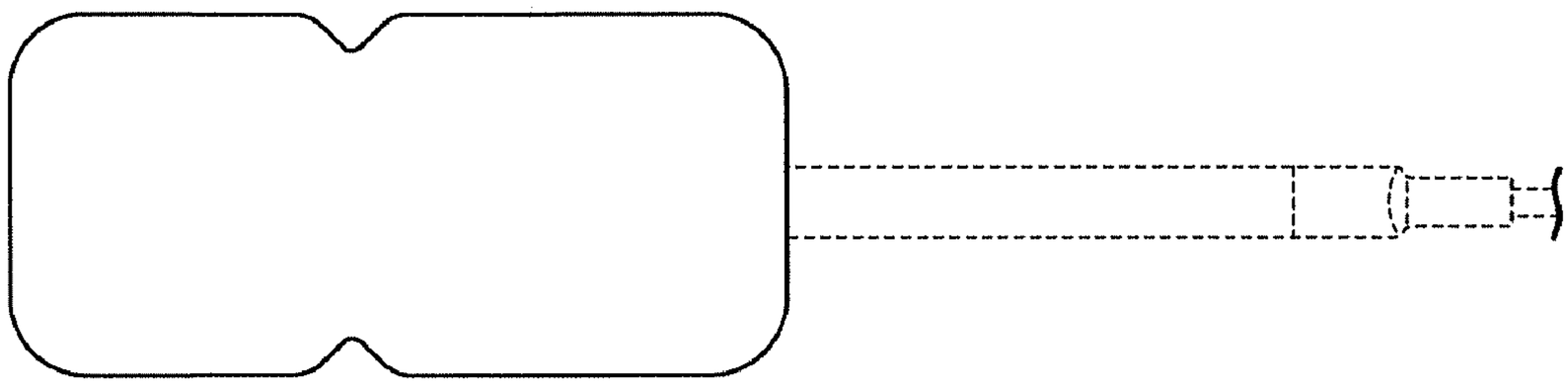

FIG. 2

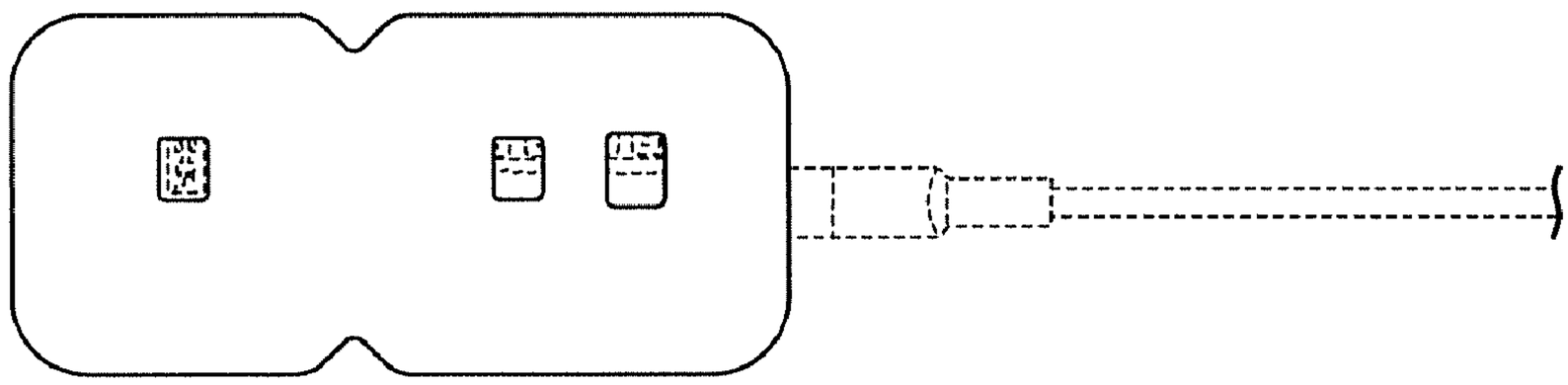

FIG. 3

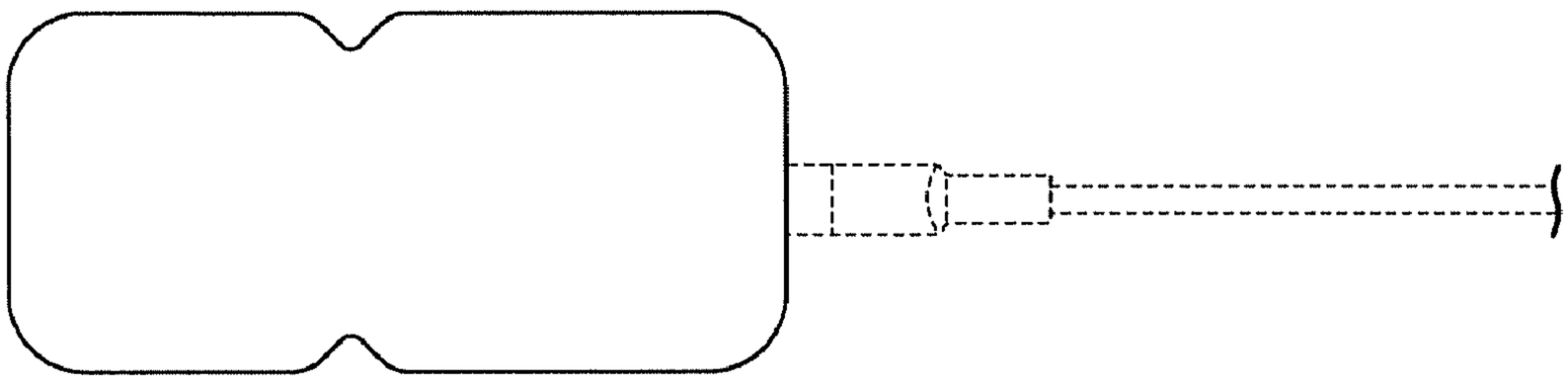

FIG. 4

FIG. 5

FIG. 6

FIG. 7

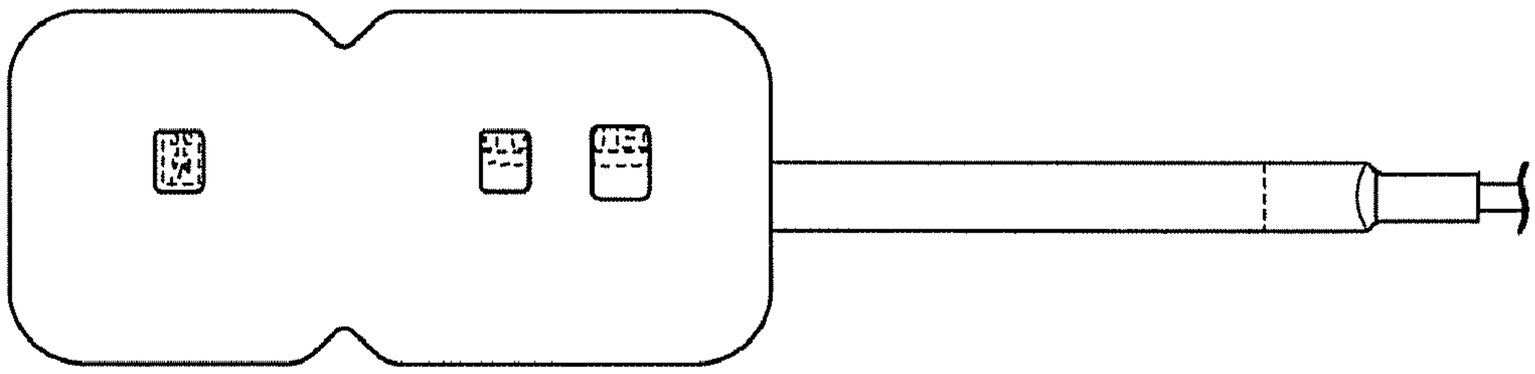

FIG. 8

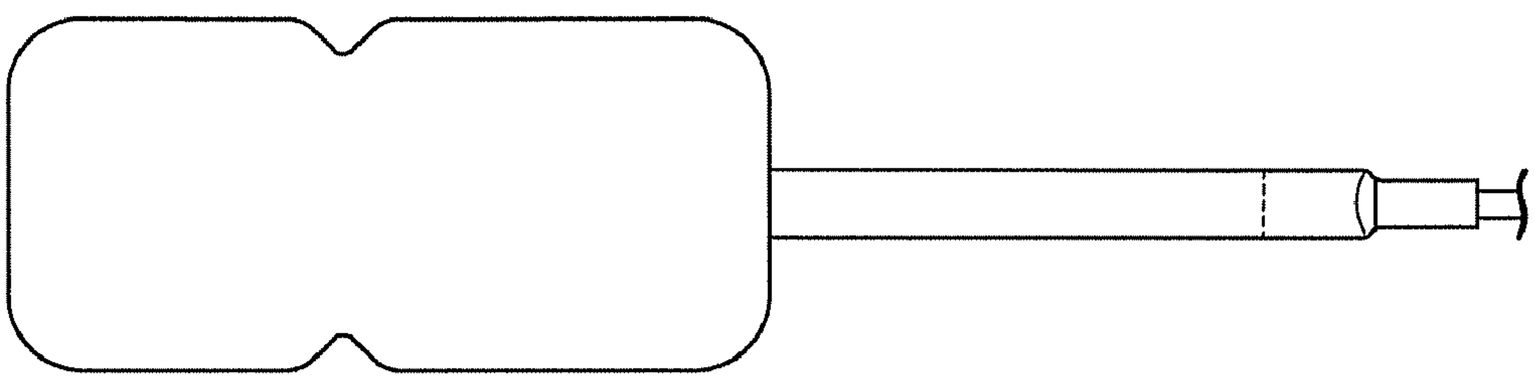

FIG. 9

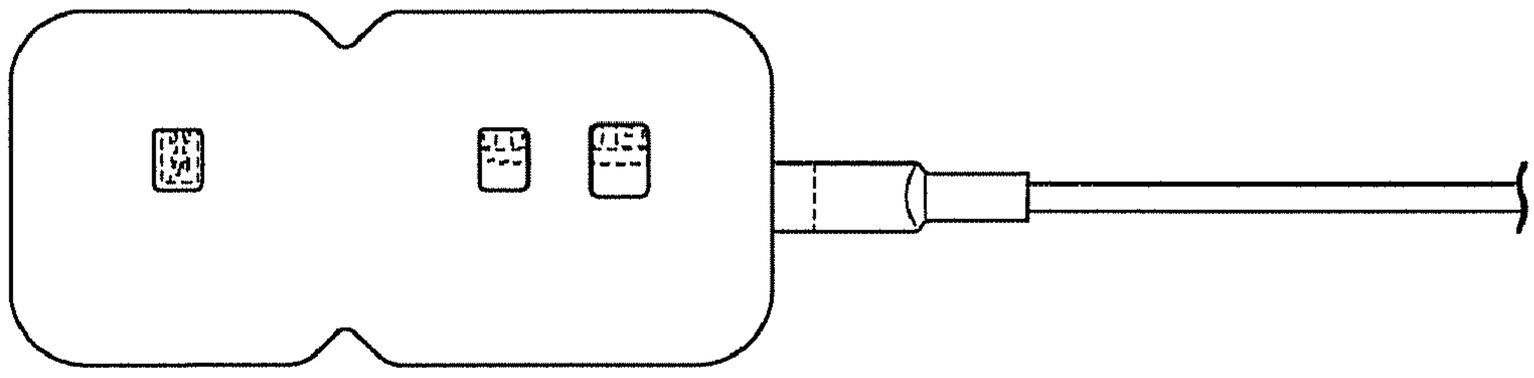

FIG. 10

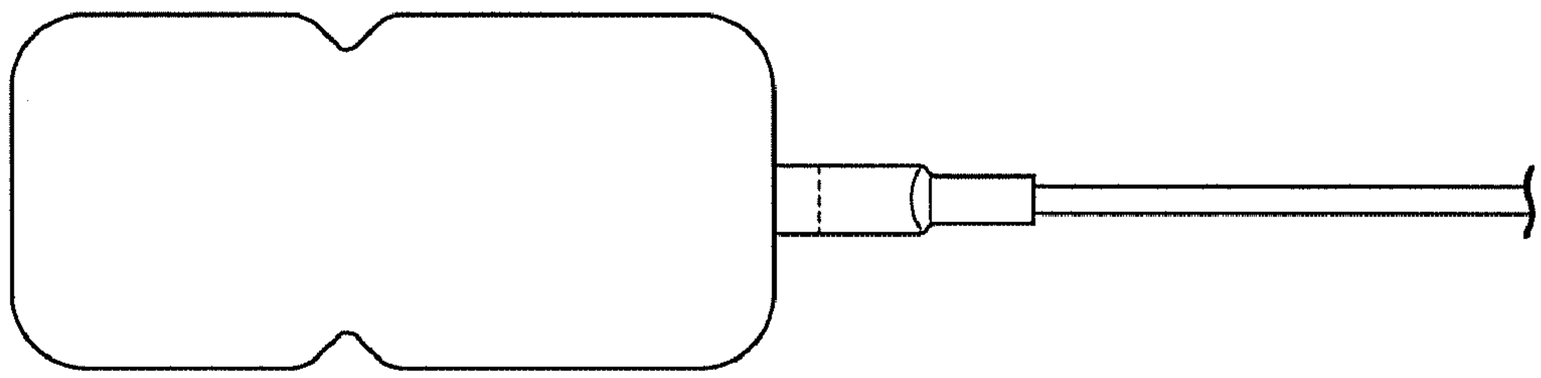

FIG. 11

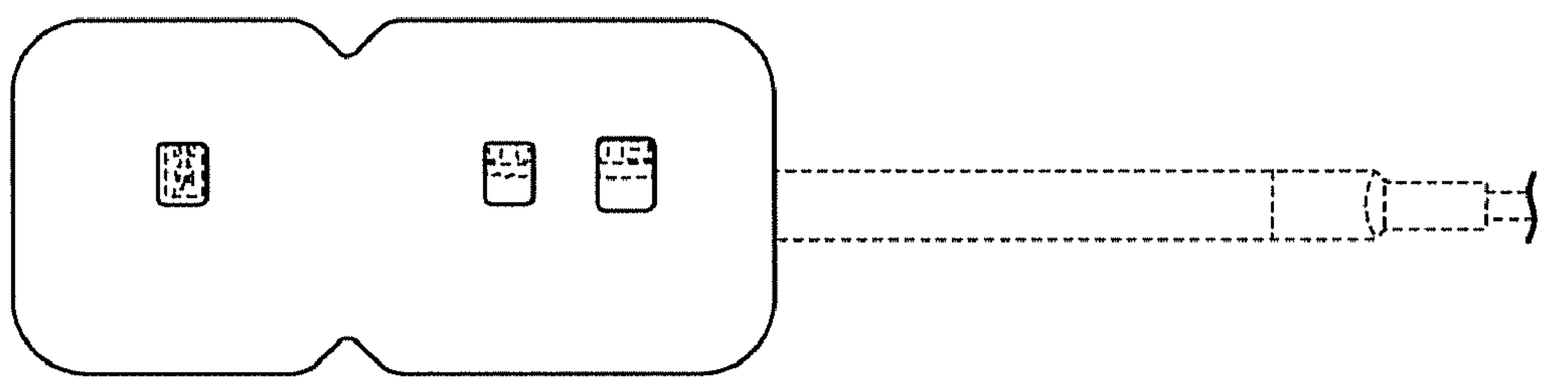

FIG. 12

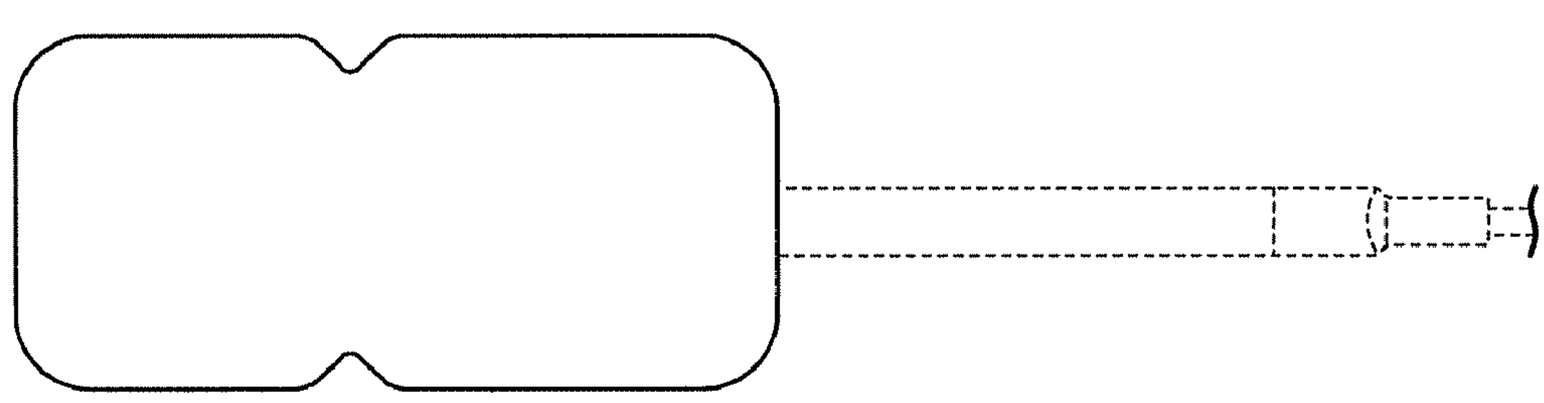

FIG. 13

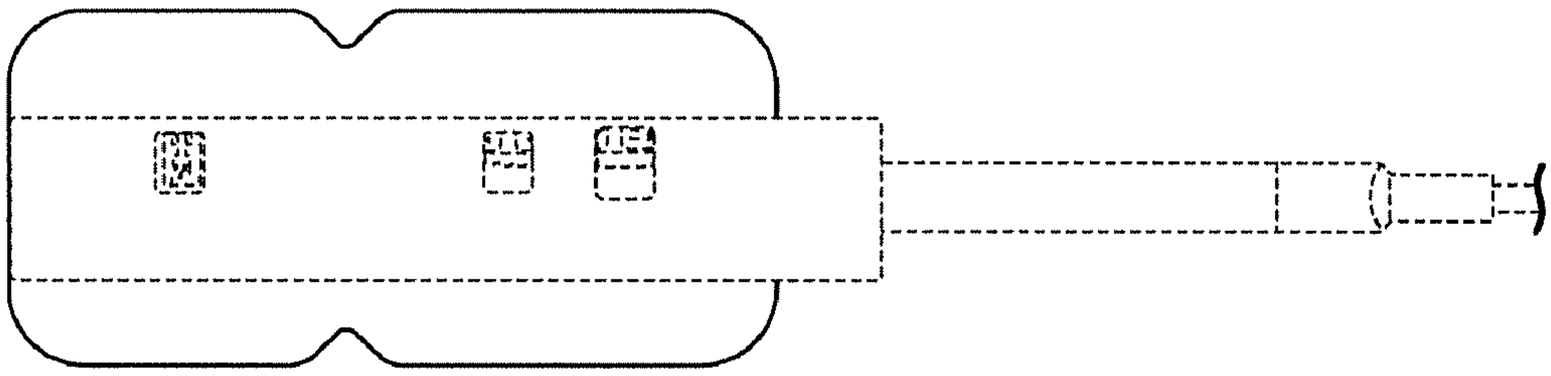

FIG. 14

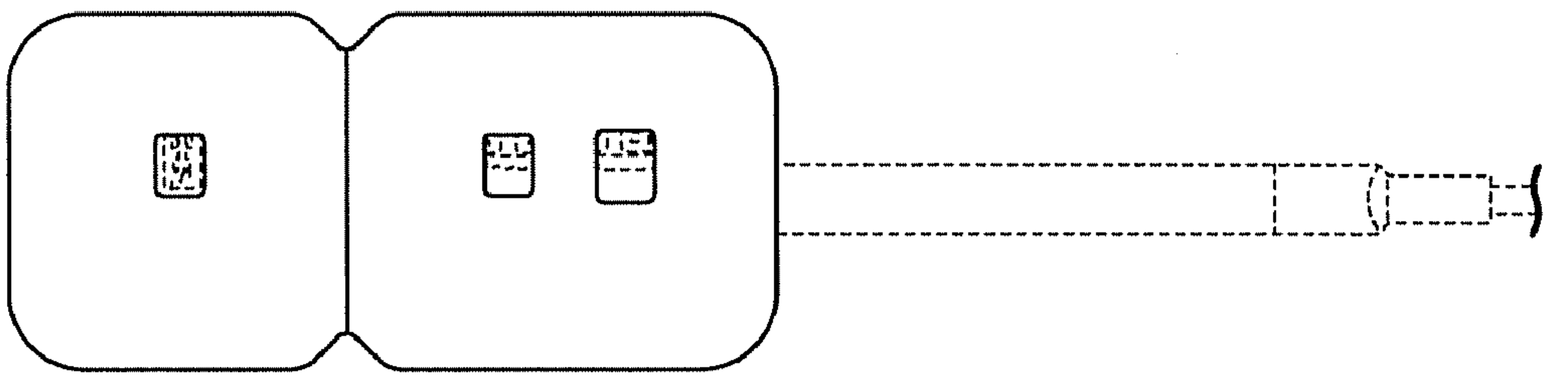

FIG. 15

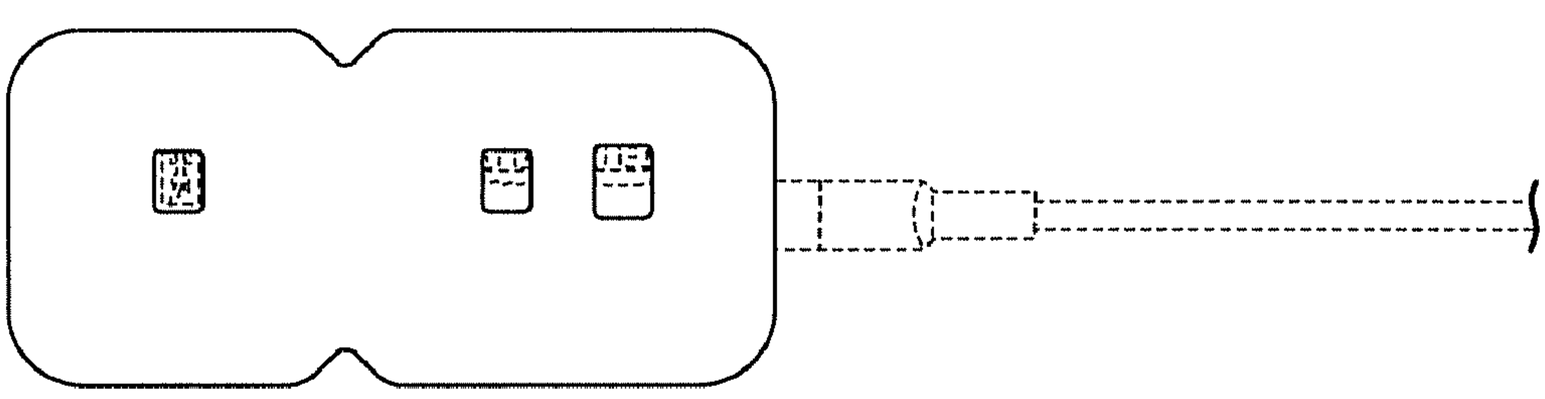

FIG. 16

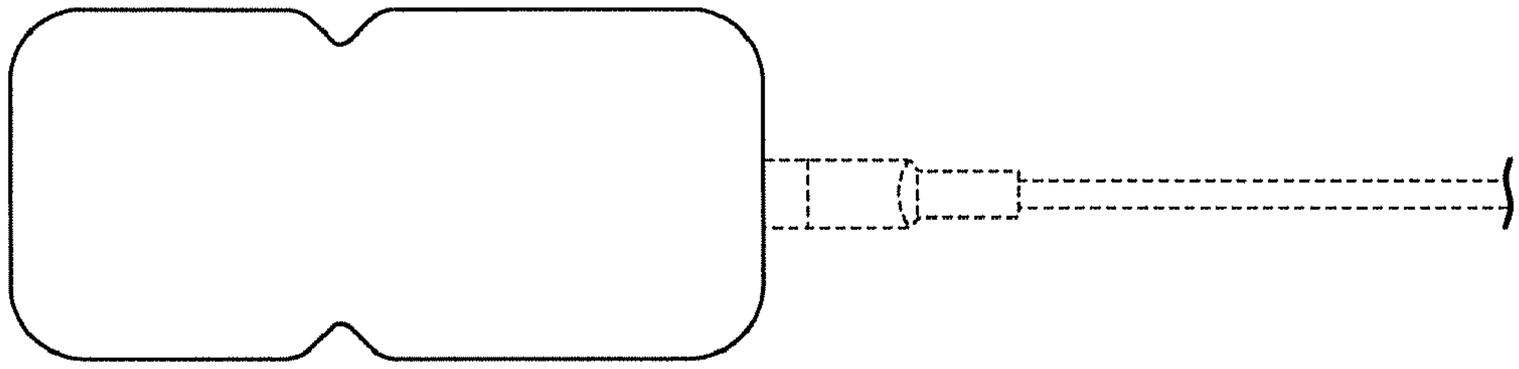

FIG. 17

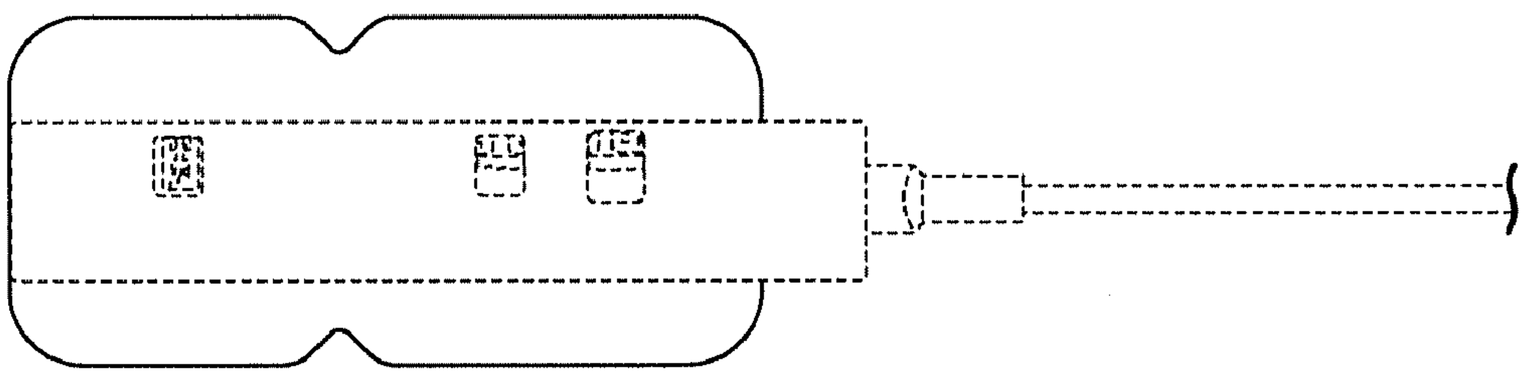

FIG. 18

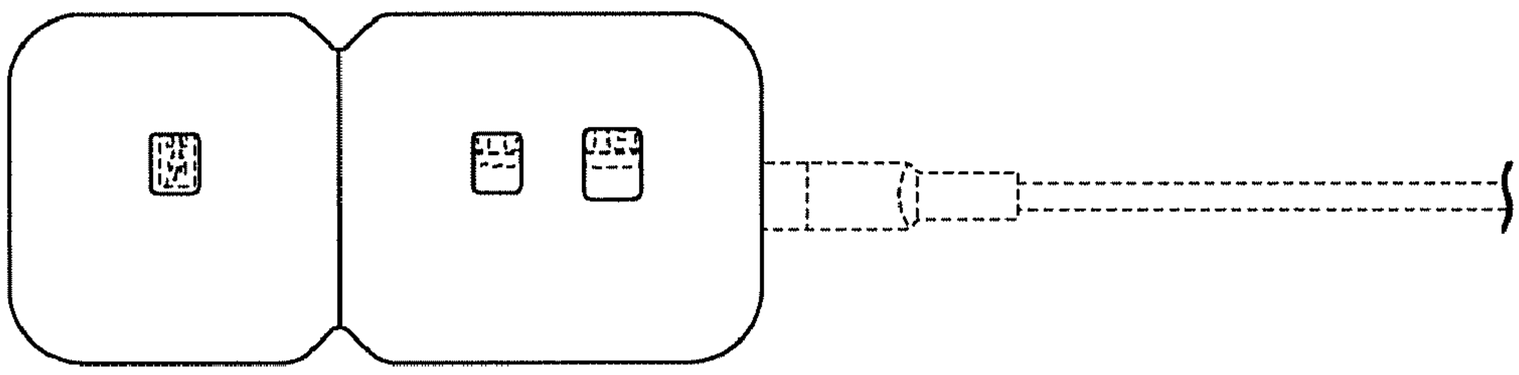

FIG. 19

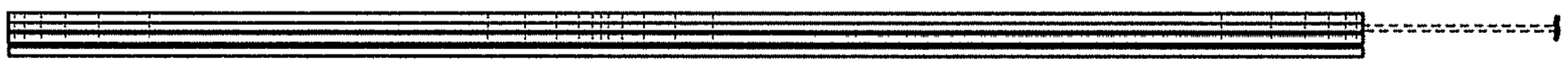

FIG. 20

FIG. 21

FIG. 22

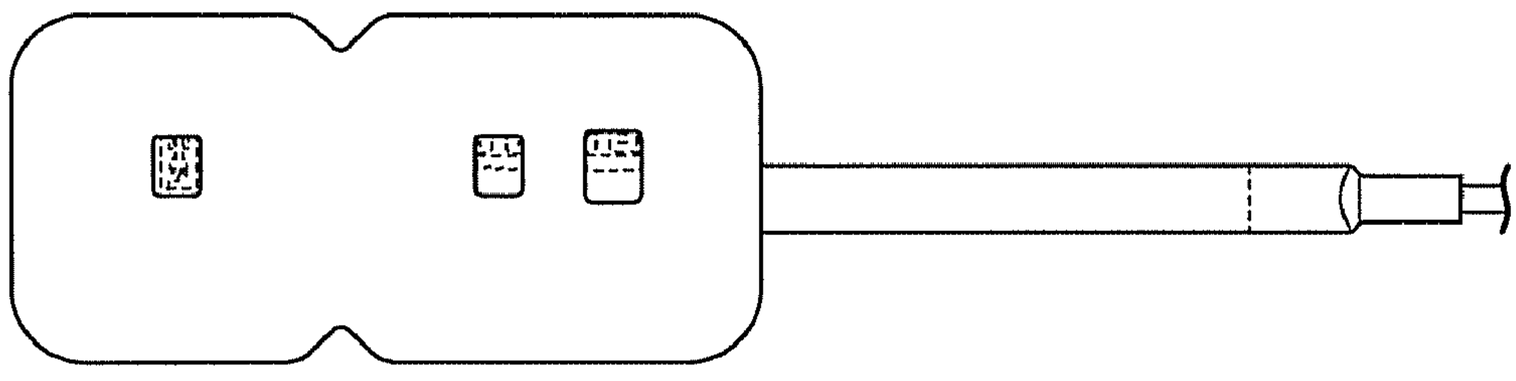

FIG. 23

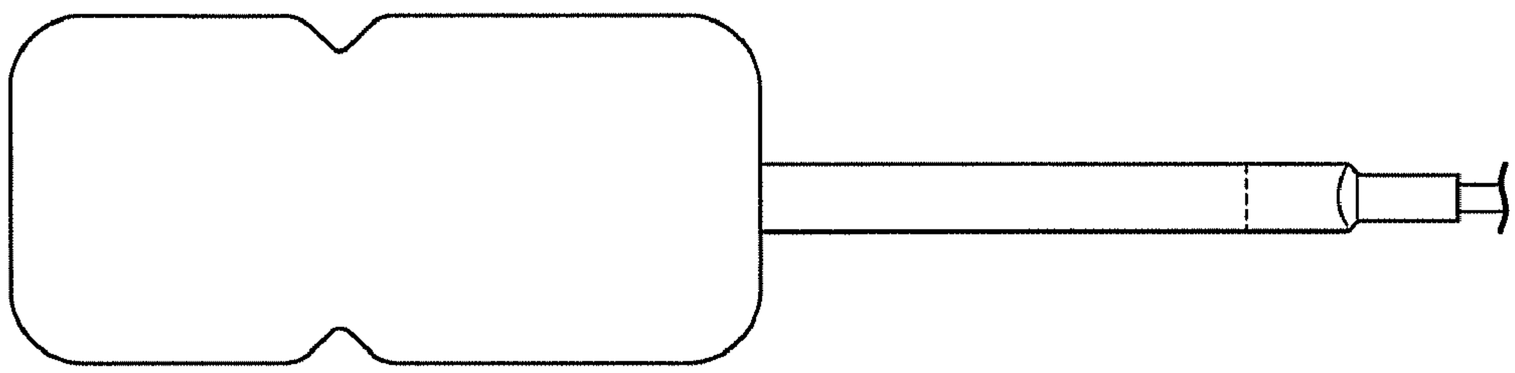

FIG. 24

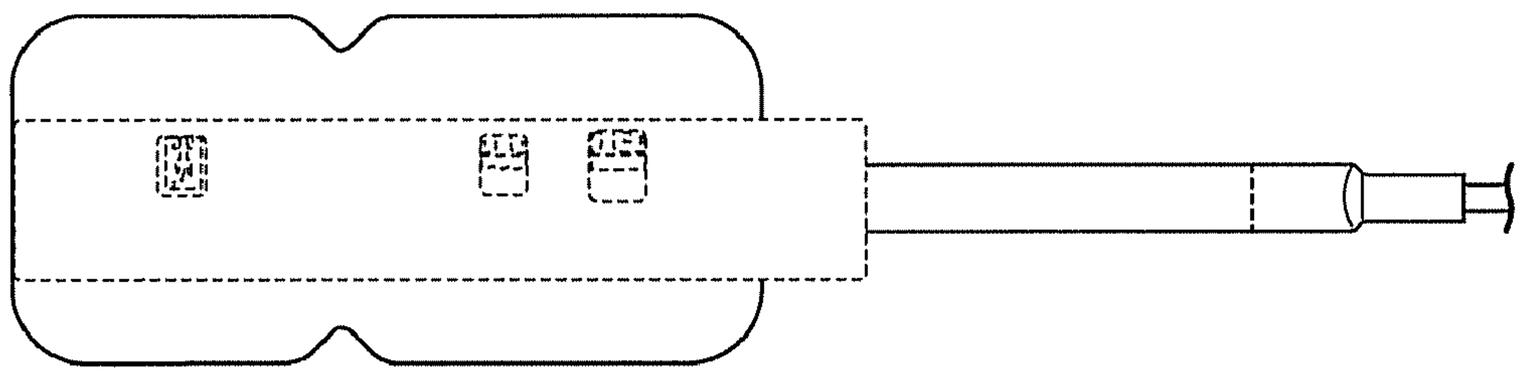

FIG. 25

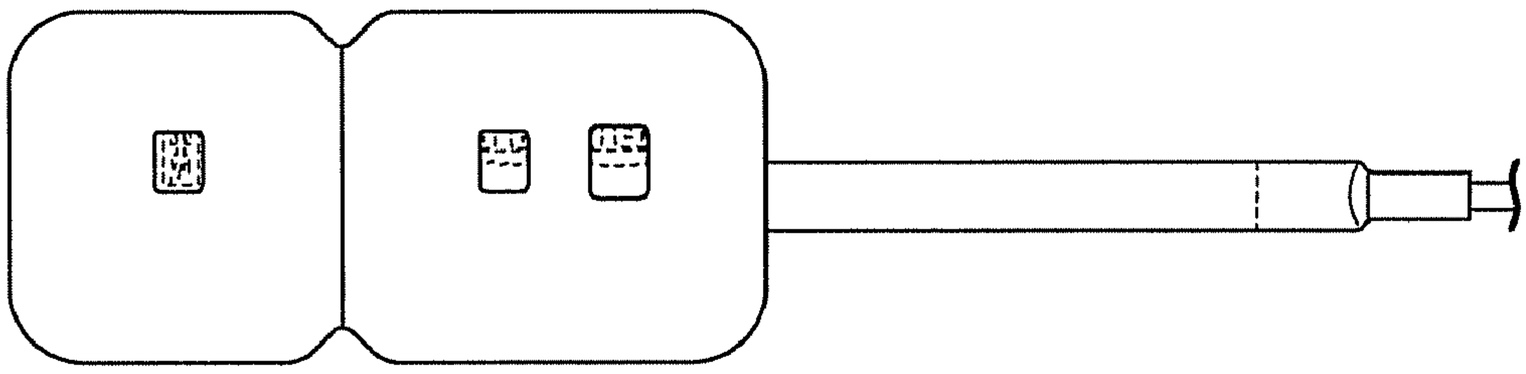

FIG. 26

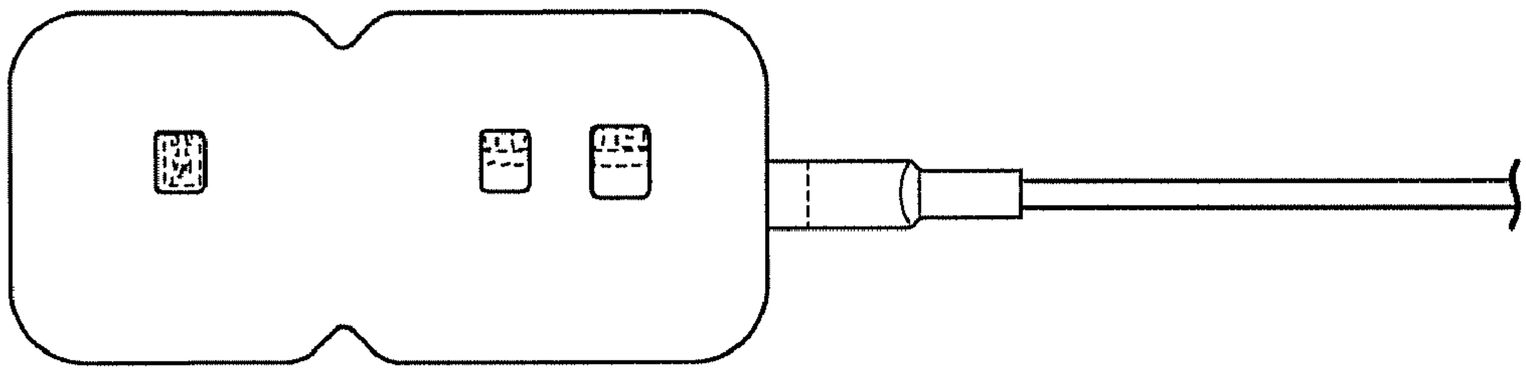

FIG. 27

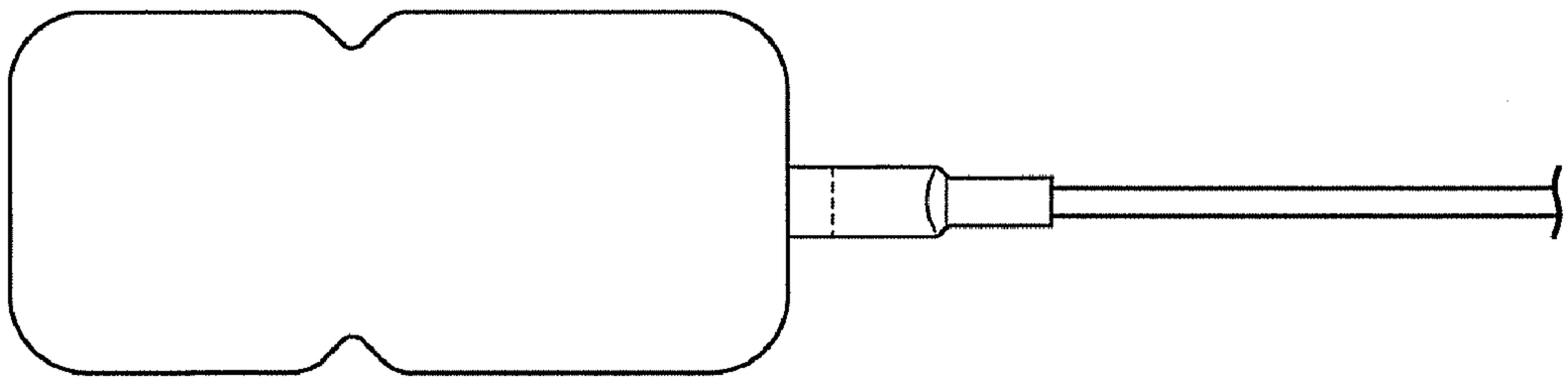

FIG. 28

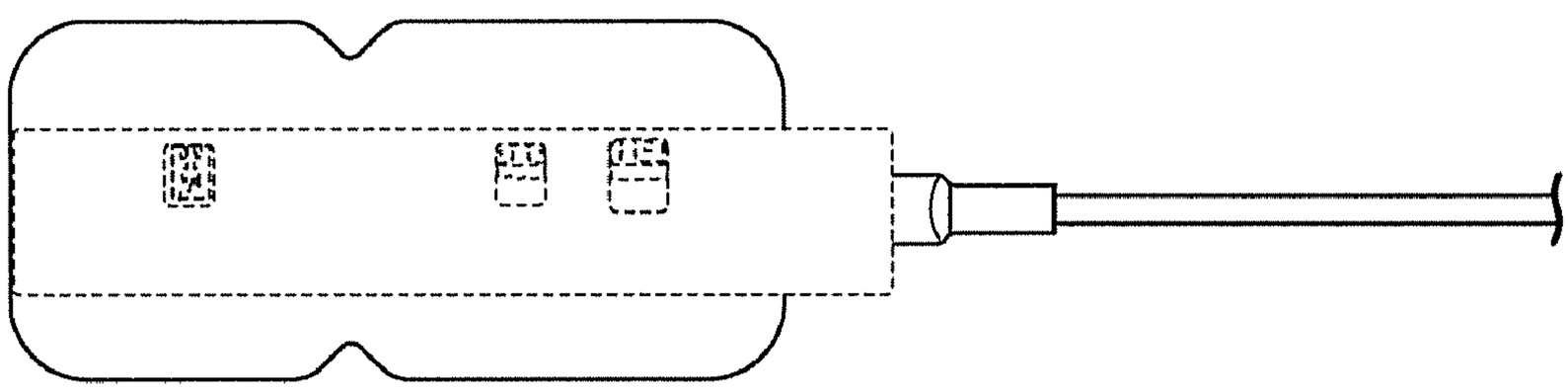

FIG. 29

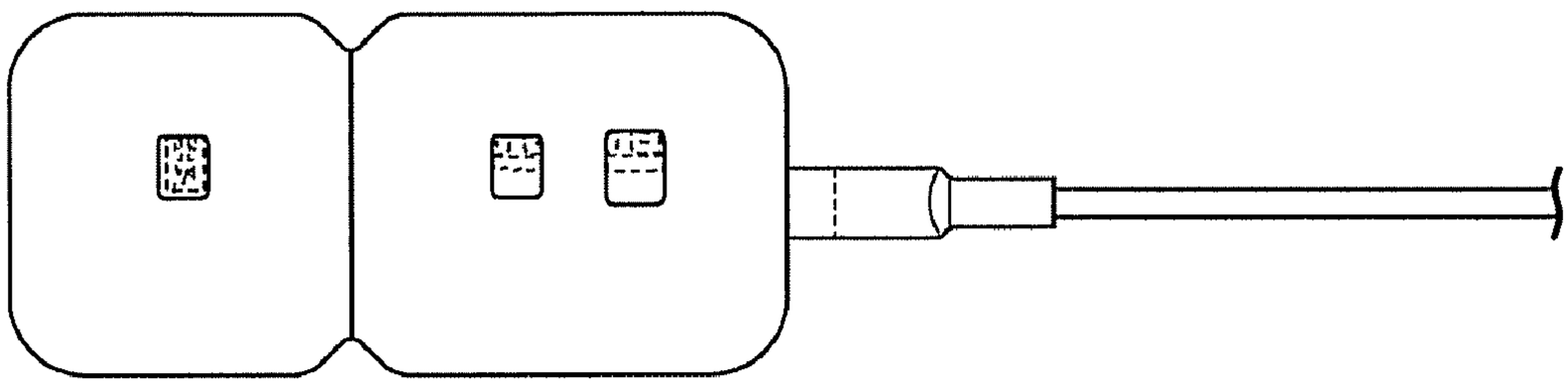

FIG. 30

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO. : Des. 615,659 S
APPLICATION NO. : 29/331819
DATED : May 11, 2010
INVENTOR(S) : Arik Anderson et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Description:

For FIG. 20: Change "FIG. 20 is an enlarged exemplary side plan view of the forth"

to --FIG. 20 is an enlarged exemplary side plan view of the fourth--

Signed and Sealed this

Twentieth Day of July, 2010

David J. Kappos

David J. Kappos
Director of the United States Patent and Trademark Office