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(12) **United States Design Patent** (10) **Patent No.:** **US D794,567 S**  
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(54) **SENSOR CABLE AND CONNECTOR**

(71) Applicant: **COVIDIEN LP**, Mansfield, MA (US)

(72) Inventors: **Timothy W. Fries**, Louisville, CO (US); **Mark D. Daly**, Wilsonville, OR (US)

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

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USPC ..... **D13/133**

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CPC ..... H01R 13/633; H01R 13/635; H01R  
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H01R 24/20

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,851,178 A 12/1998 Aronow  
D416,542 S \* 11/1999 Tsai ..... D13/147  
D416,543 S \* 11/1999 Tsai ..... D13/147  
D416,868 S \* 11/1999 Tsai ..... D13/147  
6,541,756 B2 4/2003 Schulz et al.  
D569,810 S \* 5/2008 Victor ..... D13/133  
D589,446 S \* 3/2009 Dunham ..... D13/133  
D676,389 S \* 2/2013 Worth ..... D13/147  
D679,655 S \* 4/2013 Lin ..... D13/147  
D684,122 S \* 6/2013 Strater ..... D13/153  
D728,483 S \* 5/2015 Fries ..... D13/147

D728,484 S \* 5/2015 Fries ..... D13/147  
D735,141 S \* 7/2015 Fries ..... D13/147  
D736,711 S \* 8/2015 Fries ..... D13/147  
D779,432 S \* 2/2017 Wong ..... D10/97  
D779,433 S \* 2/2017 Fries ..... D13/133  
2002/0103423 A1 8/2002 Chin et al.  
2008/0076980 A1 3/2008 Hoarau  
2008/0076995 A1 3/2008 Hoarau  
2008/0076996 A1 3/2008 Hoarau  
2010/0144207 A1\* 6/2010 Yuan ..... H01R 13/71  
439/660

**FOREIGN PATENT DOCUMENTS**

EP 1945099 A1 4/2007  
JP 2005052385 A2 3/2005  
JP 2005110816 A2 4/2005

(Continued)

*Primary Examiner* — Garth Rademaker

*Assistant Examiner* — Richard Kearney

(74) *Attorney, Agent, or Firm* — Fletcher Yoder PC

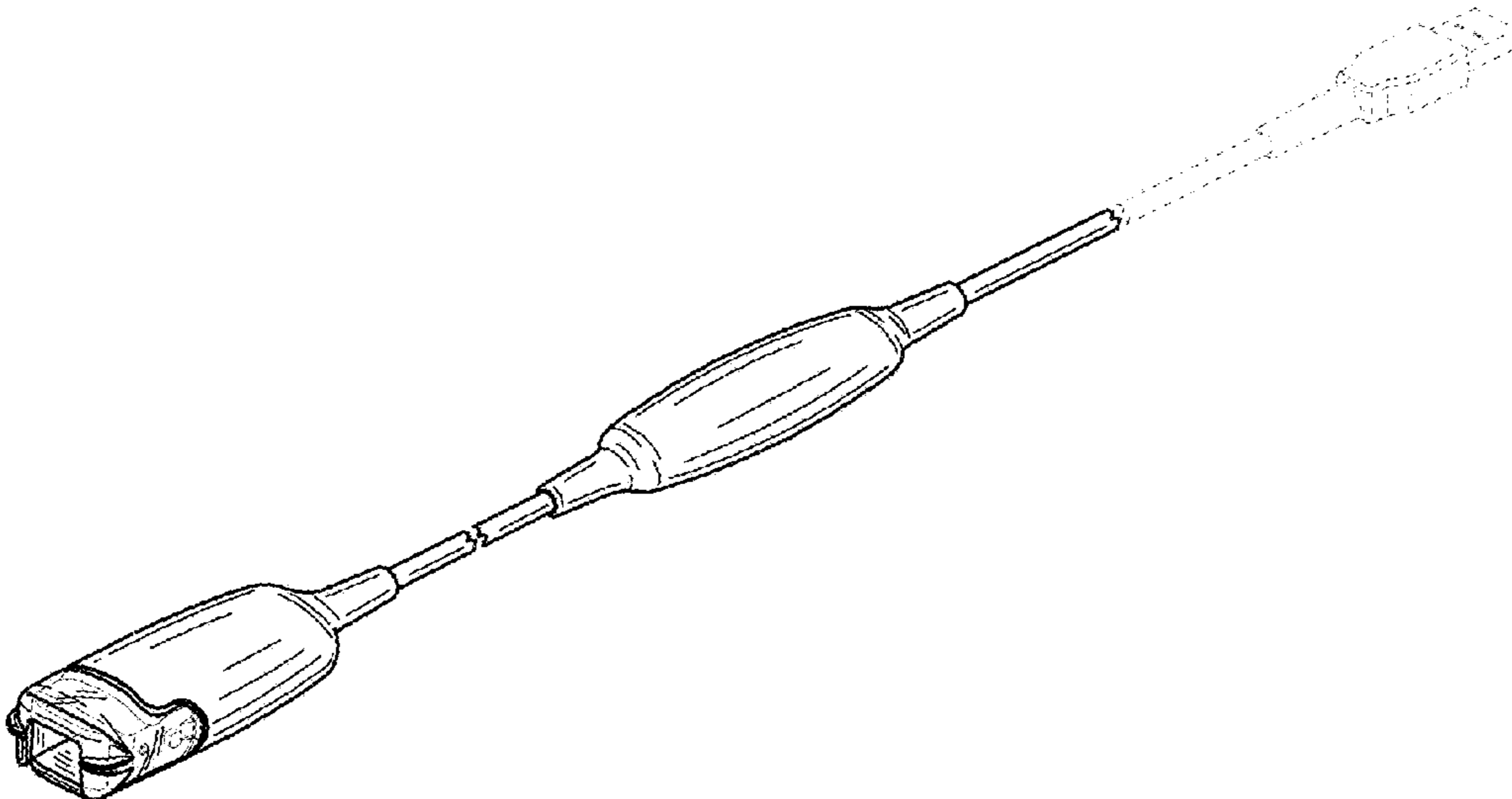
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of a sensor cable and connector with the moveable cover in a closed position;  
FIG. 2 is a top view of the sensor cable and connector of FIG. 1;  
FIG. 3 is a bottom view of the sensor cable and connector of FIG. 1; and,  
FIG. 4 is a side view of the sensor cable and connector, the opposite side being a mirror image thereof.  
The sensor cable and connector has been shown with break lines along its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



(56)

**References Cited**

FOREIGN PATENT DOCUMENTS

JP	2006061566	A2	3/2006
JP	2007117641	A	5/2007
JP	2007167183	A	7/2007
JP	2007167184	A	7/2007
JP	2007190122	A	8/2007

\* cited by examiner

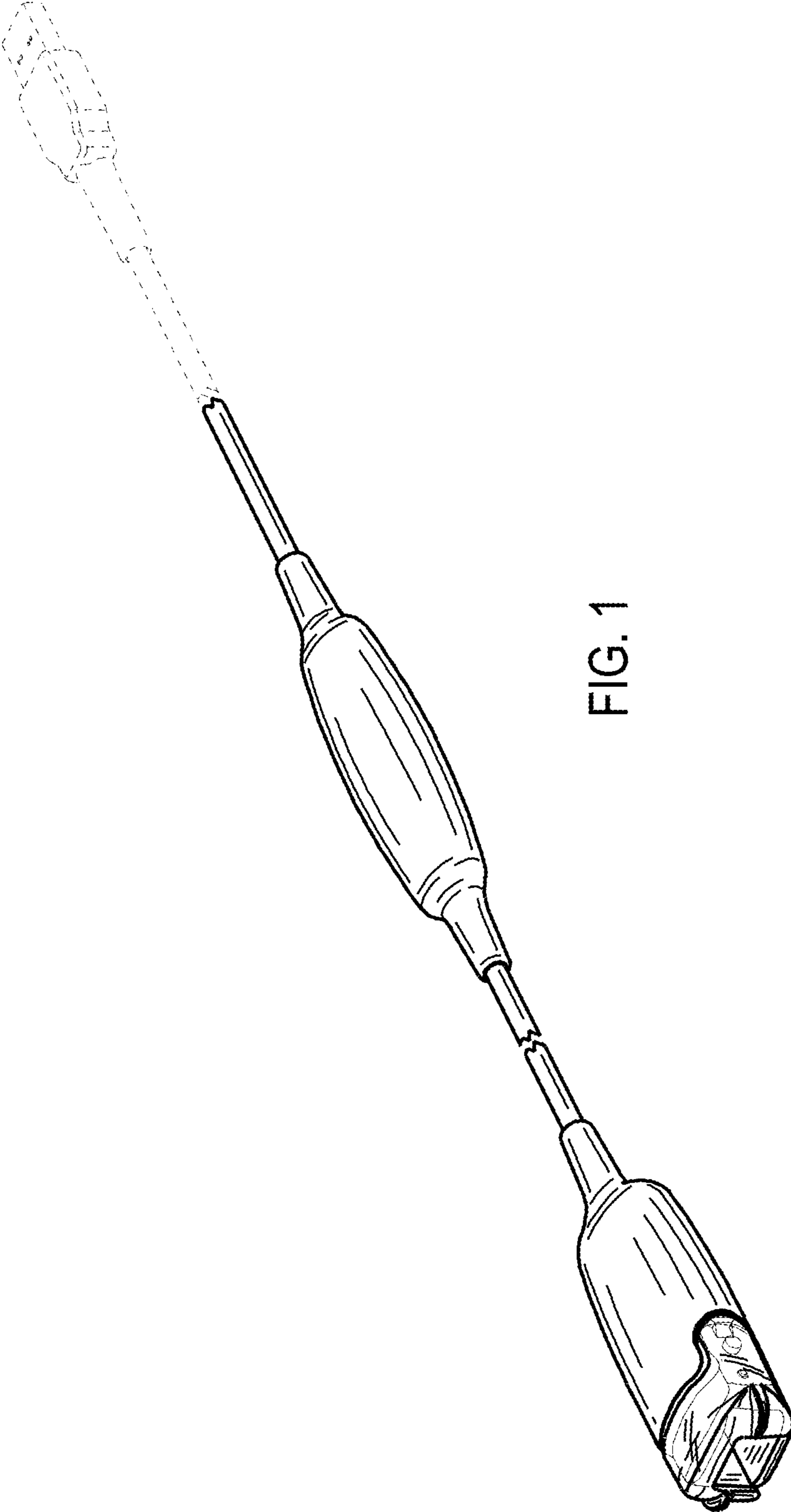


FIG. 1

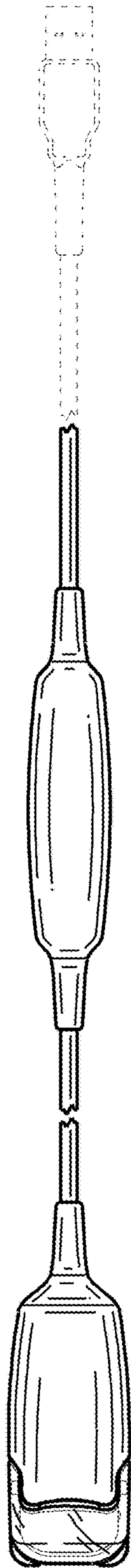


FIG. 2

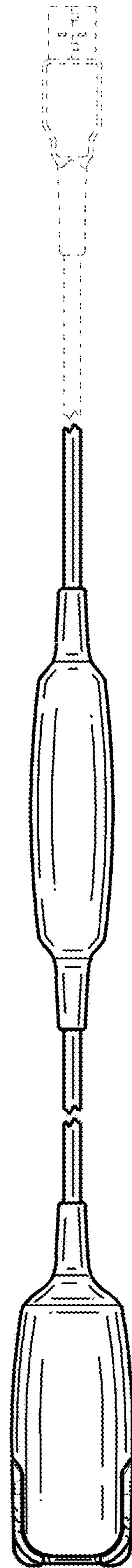


FIG. 3

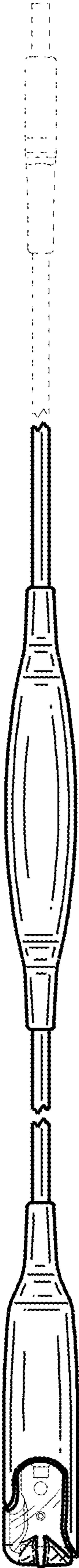


FIG. 4