

US00D917041S

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

(10) **Patent No.:** **US D917,041 S**

(45) **Date of Patent:** **\*\* \*Apr. 20, 2021**

- (54) **SUCTION CANNULA**
- (71) Applicant: **Karl Storz SE & Co. KG**, Tuttlingen (DE)
- (72) Inventors: **Mathias Stengele**, Aach (DE); **Stefan Ringgenburger**, VS-Schwenningen (DE); **Andreas Efinger**, Rietheim-Weilheim (DE)
- (73) Assignee: **KARL STORZ SE & CO. KG**, Tuttlingen (DE)
- (\*) Notice: This patent is subject to a terminal disclaimer.
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/691,125**
- (22) Filed: **May 14, 2019**
- (30) **Foreign Application Priority Data**

Nov. 26, 2018 (EM) ..... 00583467-0001

- (51) **LOC (13) Cl.** ..... **24-02**
- (52) **U.S. Cl.**  
USPC ..... **D24/112**

- (58) **Field of Classification Search**  
USPC ..... D24/112-114, 108, 130, 127, 133, 186; 606/181, 185; 604/264, 523-528, 272, 604/164.01-164.11, 187, 93.01; 600/101, 600/139, 143; 128/200.24, 207.14, 128/207.15  
CPC .. A61M 25/065; A61M 5/42; A61M 25/0612; A61M 25/00; A61M 39/00; A61M 27/00; A61M 25/0043; A61M 25/0067; A61M 25/0097; A61F 2/958  
See application file for complete search history.

- (56) **References Cited**  
U.S. PATENT DOCUMENTS  
5,738,666 A \* 4/1998 Watson ..... A61B 1/00135  
604/247  
6,007,544 A \* 12/1999 Kim ..... A61B 17/11  
606/108

- 7,740,614 B2 \* 6/2010 Murashita ..... A61M 25/0637  
604/164.08
- 7,875,000 B2 \* 1/2011 Krebs ..... A61M 1/06  
604/73
- 8,931,637 B2 \* 1/2015 Deeds ..... A61M 25/002  
206/364
- D728,781 S \* 5/2015 Pierson ..... D24/112
- D755,368 S \* 5/2016 Efinger ..... D24/112
- D757,253 S \* 5/2016 Efinger ..... D24/112
- D775,330 S \* 12/2016 Blennow ..... D24/130
- D776,260 S \* 1/2017 Eldredge ..... D24/112
- D809,136 S \* 1/2018 Kirwan, Jr. .... D24/127
- D820,436 S \* 6/2018 Kheradpir ..... D24/112
- D836,191 S \* 12/2018 Kheradpir ..... D24/112

\* cited by examiner

*Primary Examiner* — David G Muller

(74) *Attorney, Agent, or Firm* — Eversheds Sutherland (US) LLP

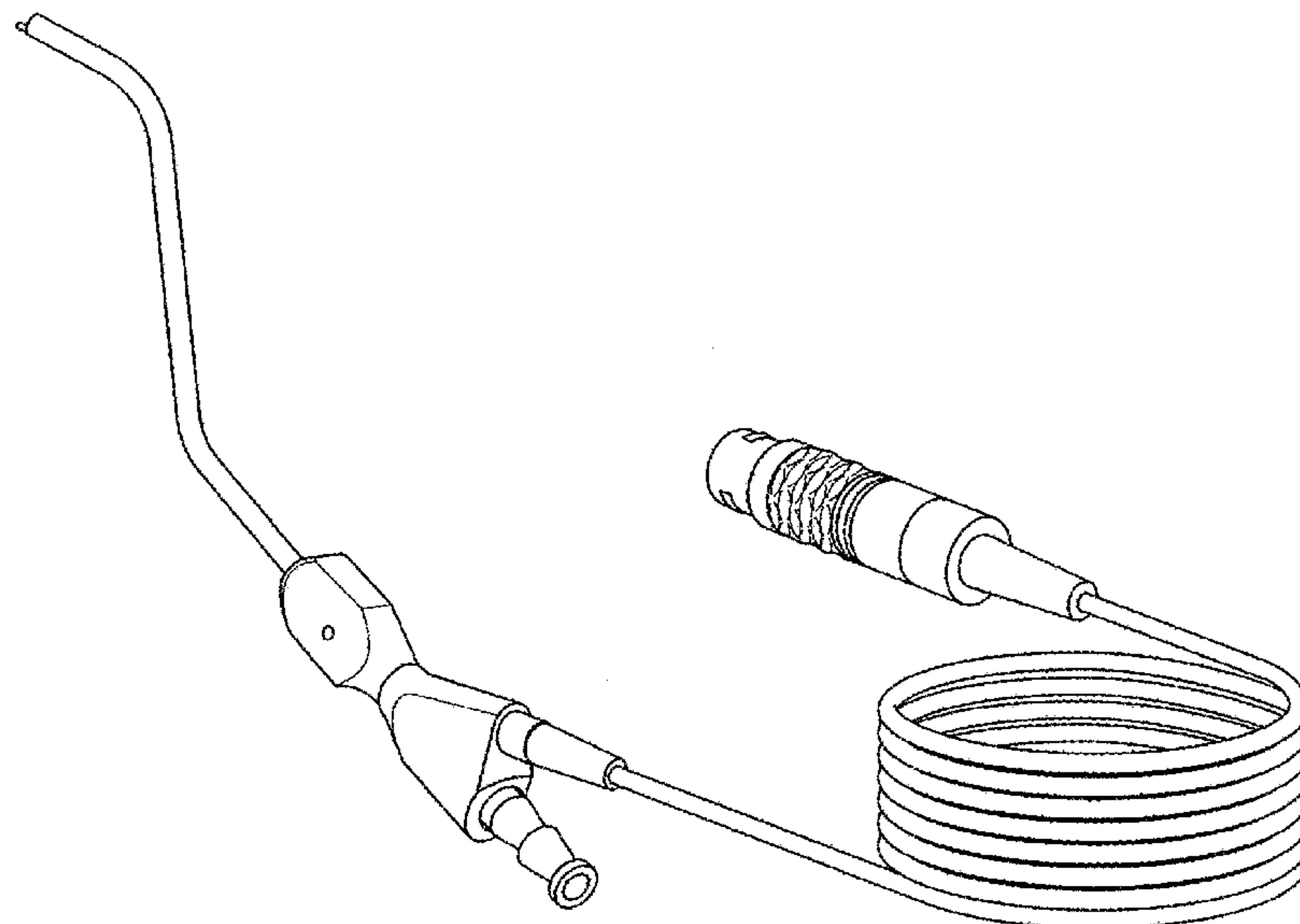
(57) **CLAIM**

The ornamental design for a suction cannula, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a suction cannula showing our new design;  
 FIG. 2 is a left side view thereof;  
 FIG. 3 is a right side view thereof;  
 FIG. 4 is a front view thereof;  
 FIG. 5 is a rear view thereof;  
 FIG. 6 is a top view thereof; and,  
 FIG. 7 is a bottom view thereof.

**1 Claim, 7 Drawing Sheets**



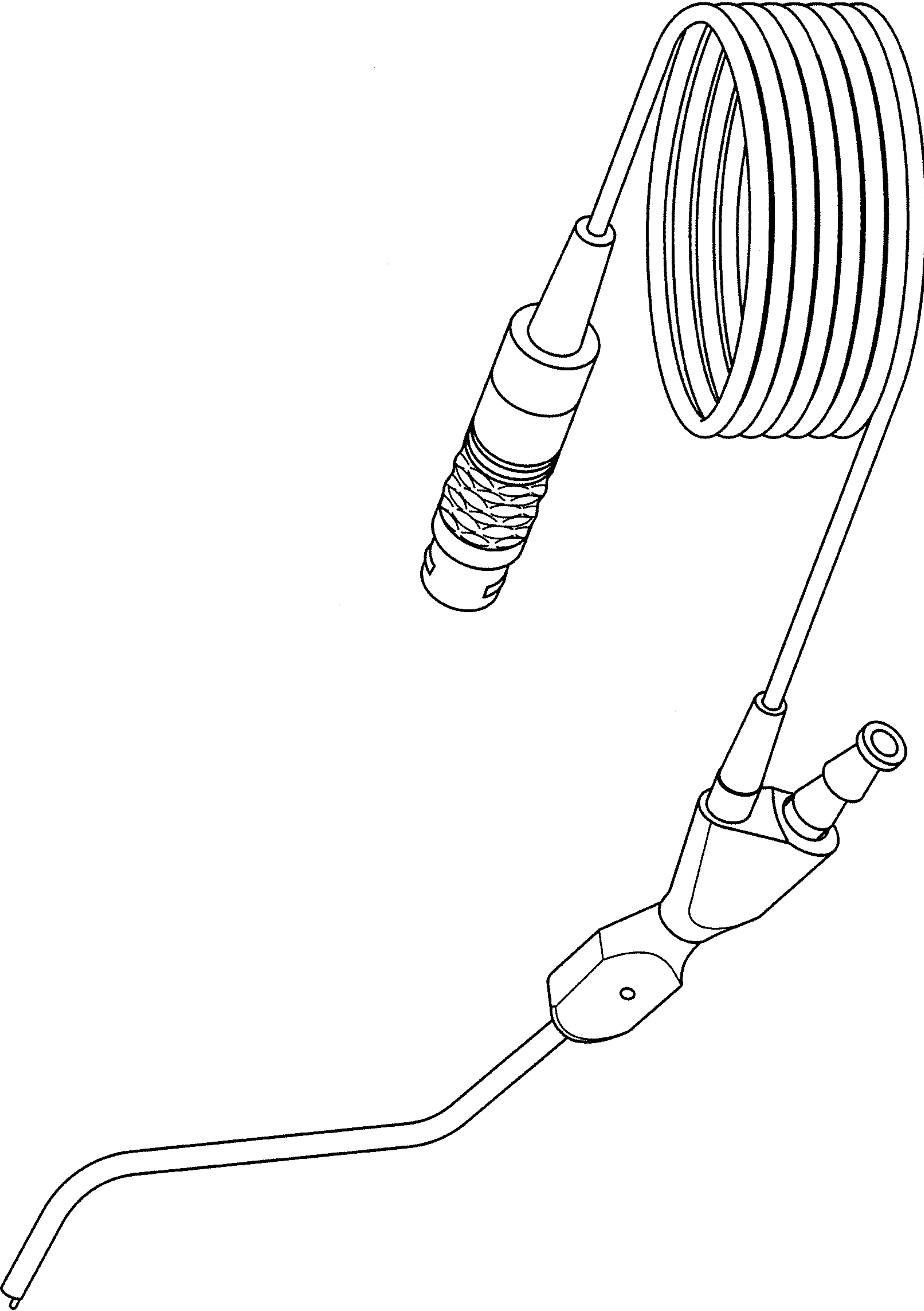


FIG. 1

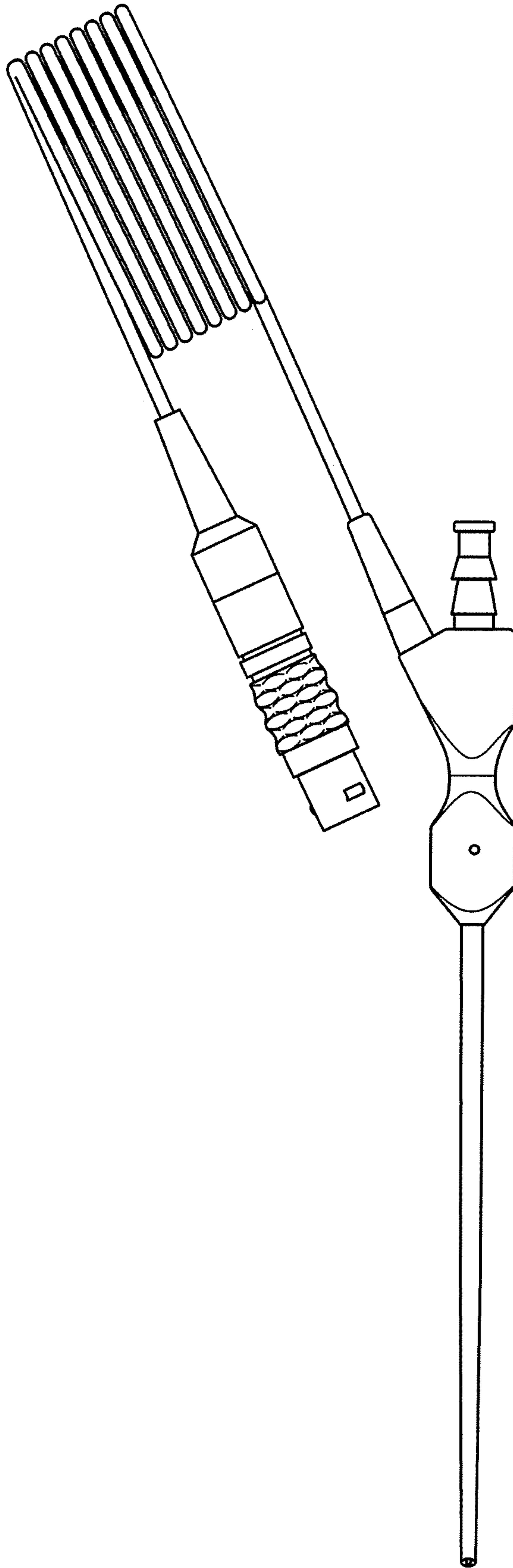


FIG. 2

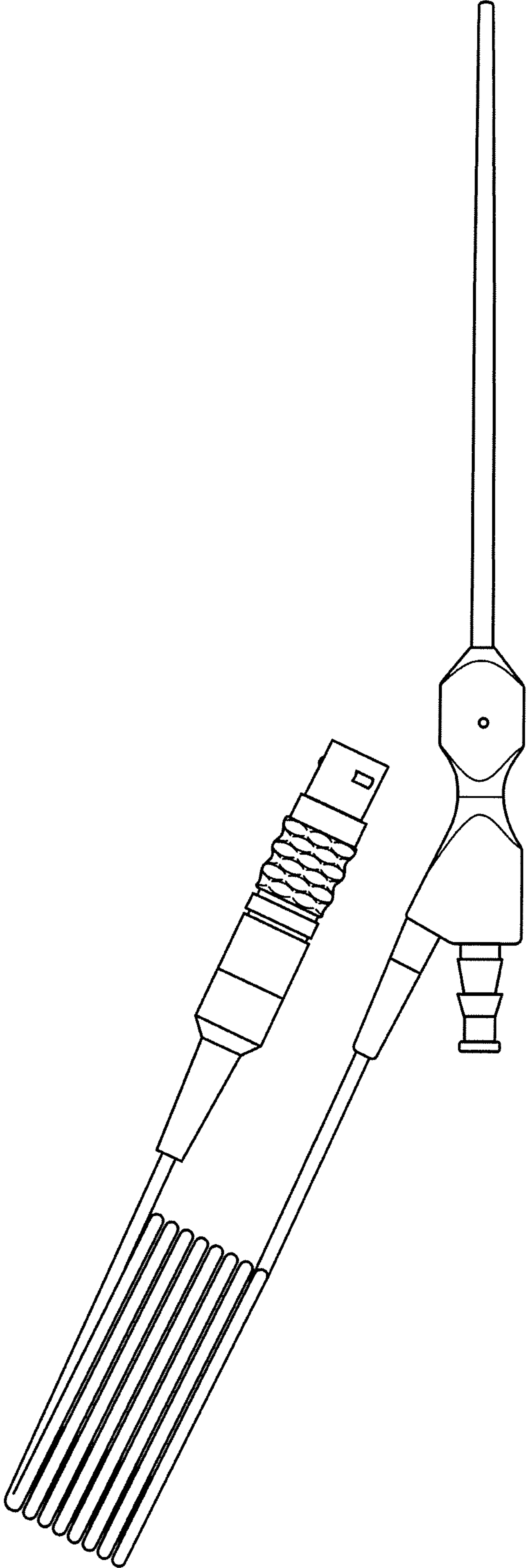


FIG. 3

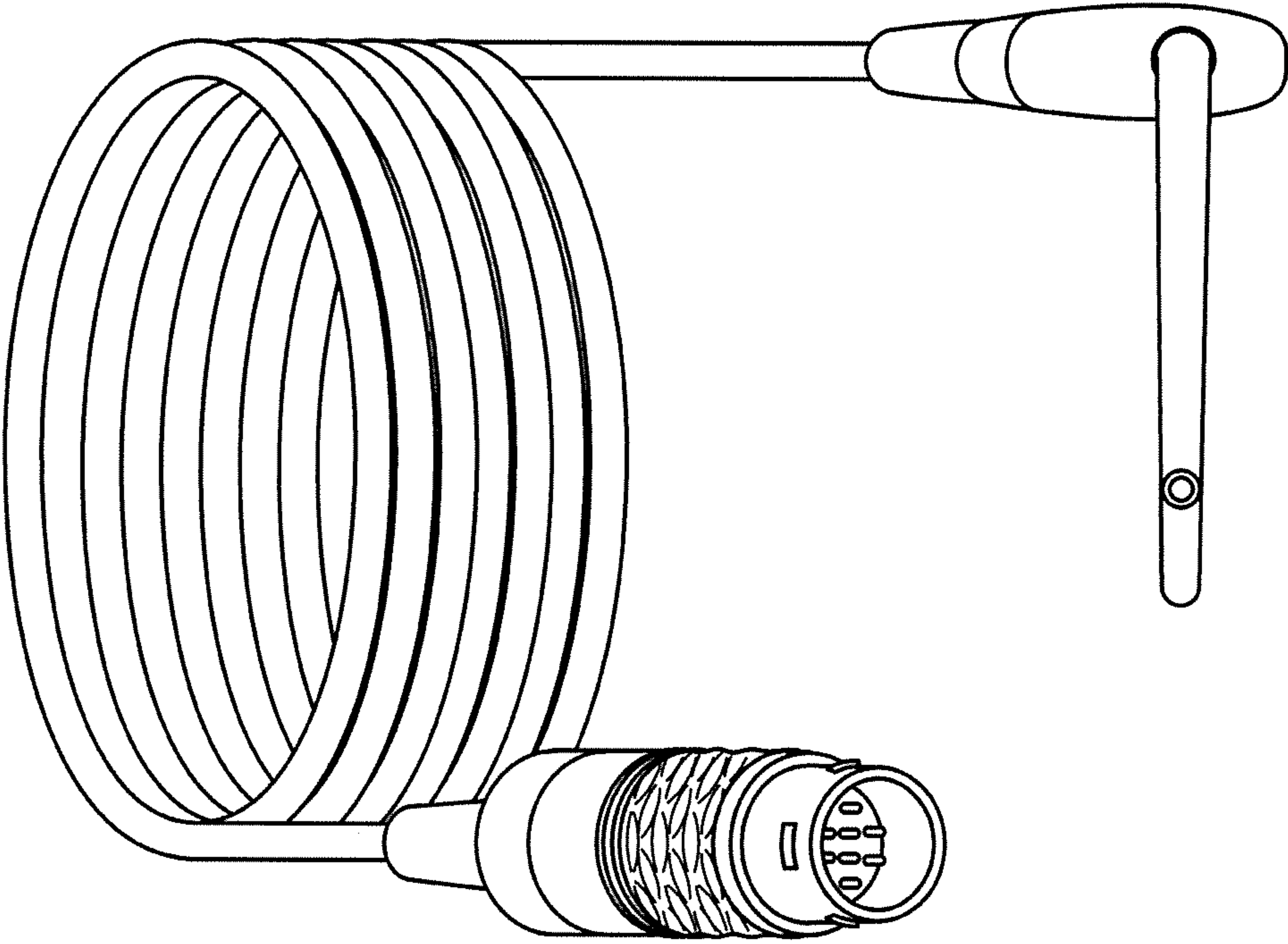


FIG. 4



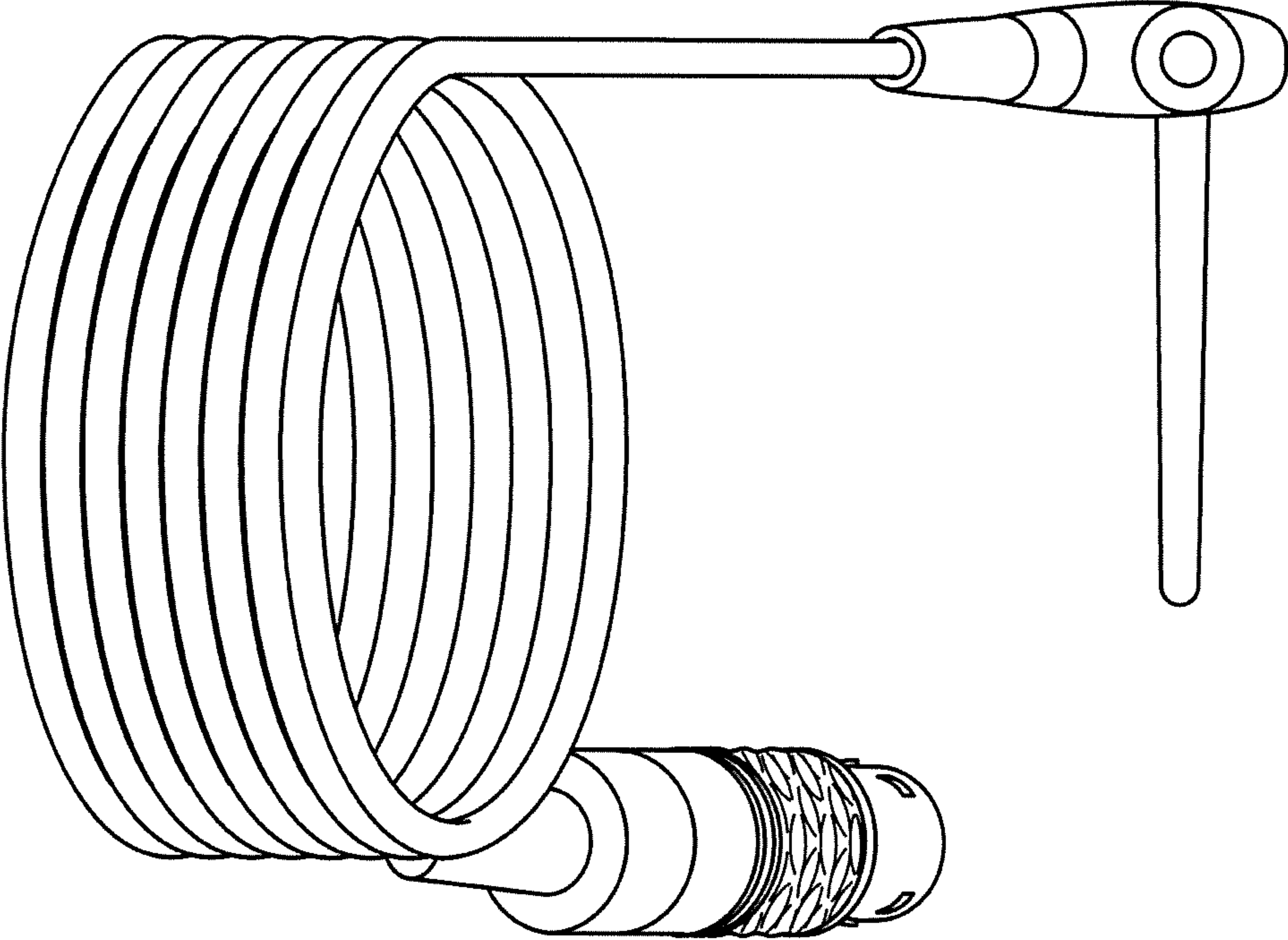


FIG. 5

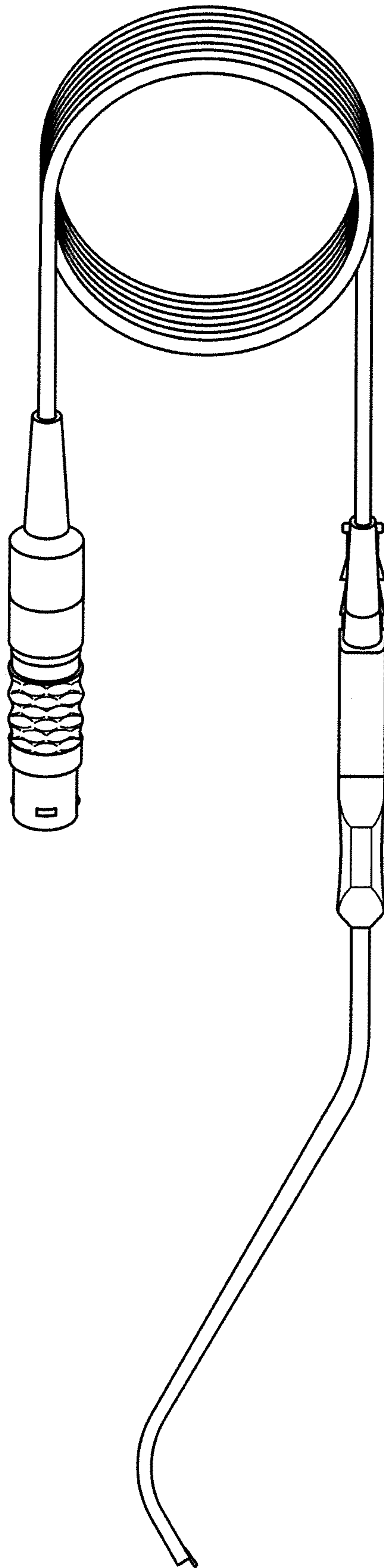


FIG. 6

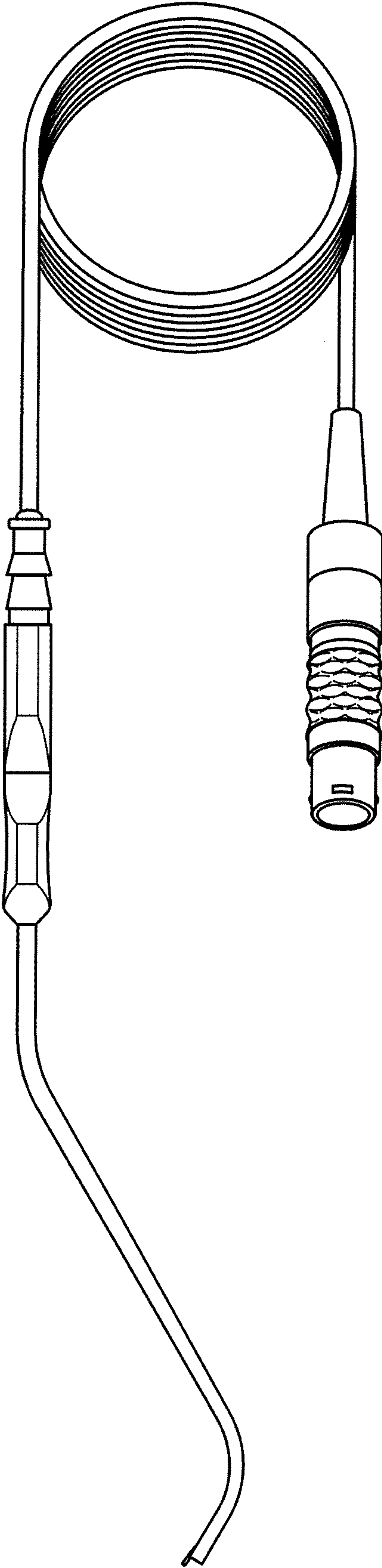


FIG. 7