US00D771809S

(12) United States Design Patent

Huegle et al.

(10) Patent No.: US D771,809 S
(45) Date of Patent: ** Nov. 15, 2016

(54) **ENDOSCOPIC INSTRUMENT FOR RETROGRADE BIOPSY**

(71) Applicant: **KARL STORZ GmbH & Co. KG**, Tuttlingen (DE)

(72) Inventors: **Thomas Huegle**, Freiburg (DE); **Alexander Fuchs**, Steisslingen (DE)

(73) Assignee: **KARL STORZ GmbH & Co. KG**, Tuttlingen (DE)

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

(21) Appl. No.: **29/514,374**

(22) Filed: **Jan. 12, 2015**

(30) **Foreign Application Priority Data**

Jul. 11, 2014 (EM) 002501130-0001
Jul. 11, 2014 (EM) 002501130-0002

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/138**

(58) **Field of Classification Search**
USPC D24/138, 137, 133, 135, 140, 147–149; 600/101–105, 111, 112, 114, 117, 118, 600/127, 128–131, 136–139, 141, 142, 600/144–147, 149, 152, 153–155, 156, 157, 600/158, 159, 160, 166, 169, 172, 179, 567
CPC A61B 1/00; A61B 1/00064; A61B 1/00066; A61B 1/0669
See application file for complete search history.

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Primary Examiner — Wan Laymon
Assistant Examiner — Mark Booker
(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

(57) **CLAIM**

The ornamental design for an endoscopic instrument for retrograde biopsy, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of an open endoscopic instrument for retrograde biopsy according to the present invention.

FIG. **2** is a front perspective view of a closed endoscopic instrument for retrograde biopsy of FIG. **1**.

FIG. **3** is a left view of the open endoscopic instrument for retrograde biopsy of FIG. **1**.

FIG. **4** is a left view of the closed endoscopic instrument for retrograde biopsy of FIG. **2**.

FIG. **5** is a right view of the open endoscopic instrument for retrograde biopsy of FIG. **1**.

FIG. **6** is a right view of the closed endoscopic instrument for retrograde biopsy of FIG. **2**.

FIG. **7** is a top view of the open endoscopic instrument for retrograde biopsy of FIG. **1**.

FIG. **8** is a top view of the closed endoscopic instrument for retrograde biopsy of FIG. **2**.

FIG. **9** is a bottom view of the open endoscopic instrument for retrograde biopsy of FIG. **1**.

FIG. **10** is a bottom view of the closed endoscopic instrument for retrograde biopsy of FIG. **2**.

FIG. **11** is a front view of the open endoscopic instrument for retrograde biopsy of FIG. **1**.

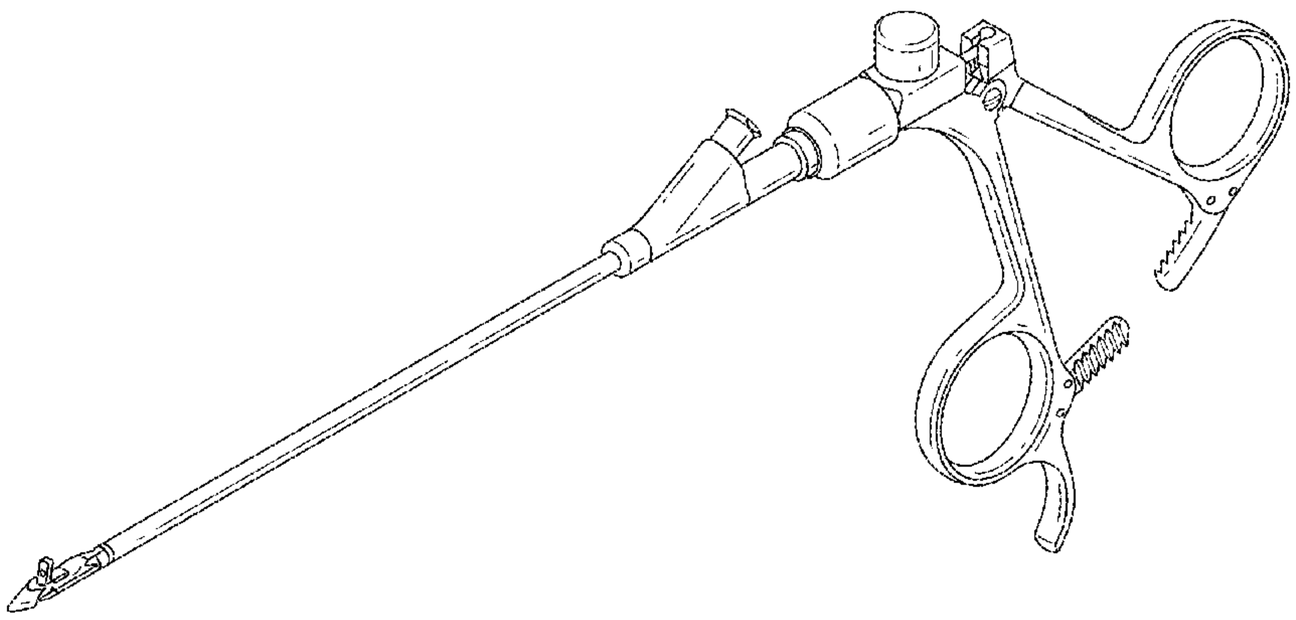
FIG. **12** is a front view of the closed endoscopic instrument for retrograde biopsy of FIG. **2**.

FIG. **13** is a rear view of the open endoscopic instrument for retrograde biopsy of FIG. **1**; and,

FIG. **14** is a rear view of the closed endoscopic instrument for retrograde biopsy of FIG. **2**.

The dashed lines illustrate environment that does not form a part of the present invention, and no claim is made to the material illustrated with dashed lines.

1 Claim, 14 Drawing Sheets



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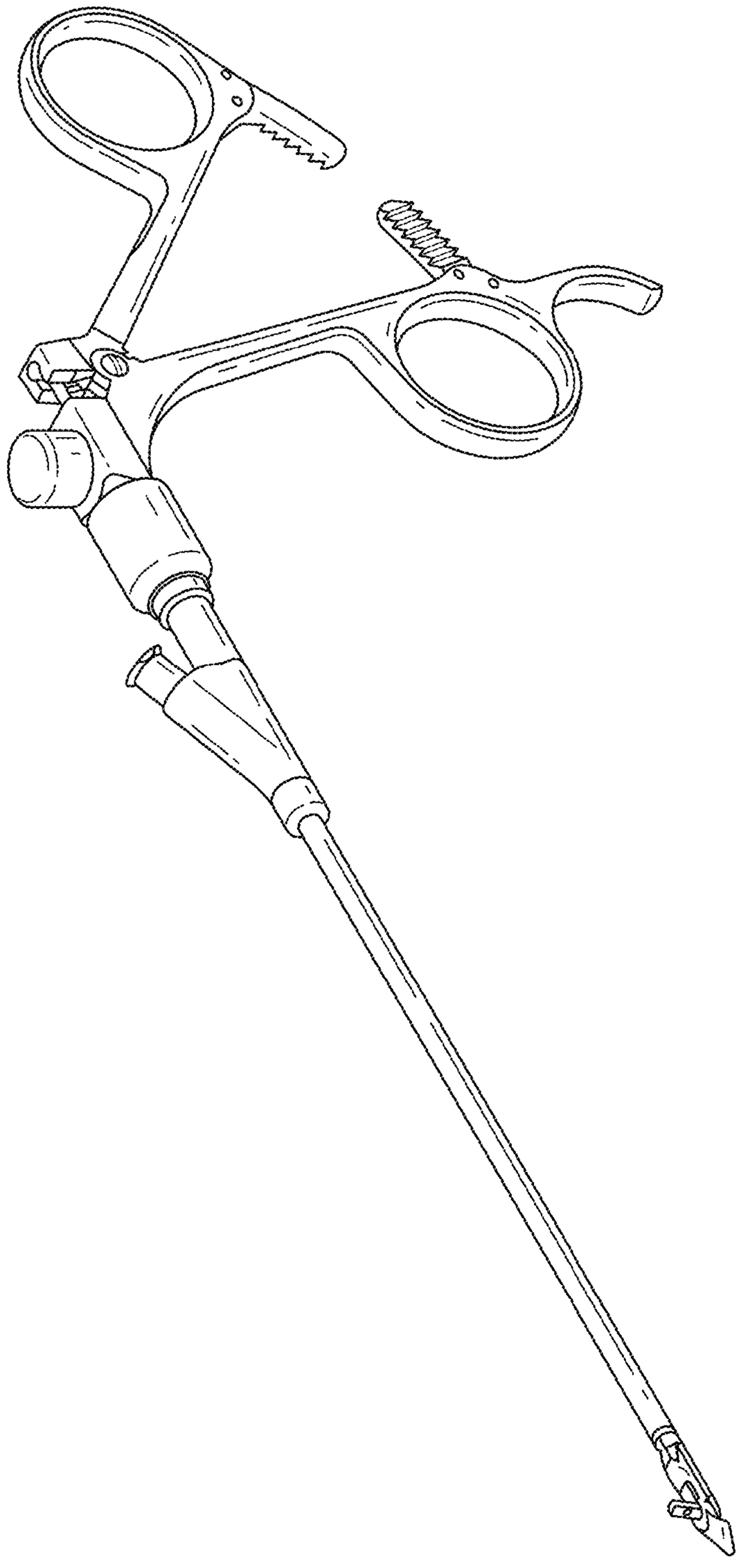

FIG.1

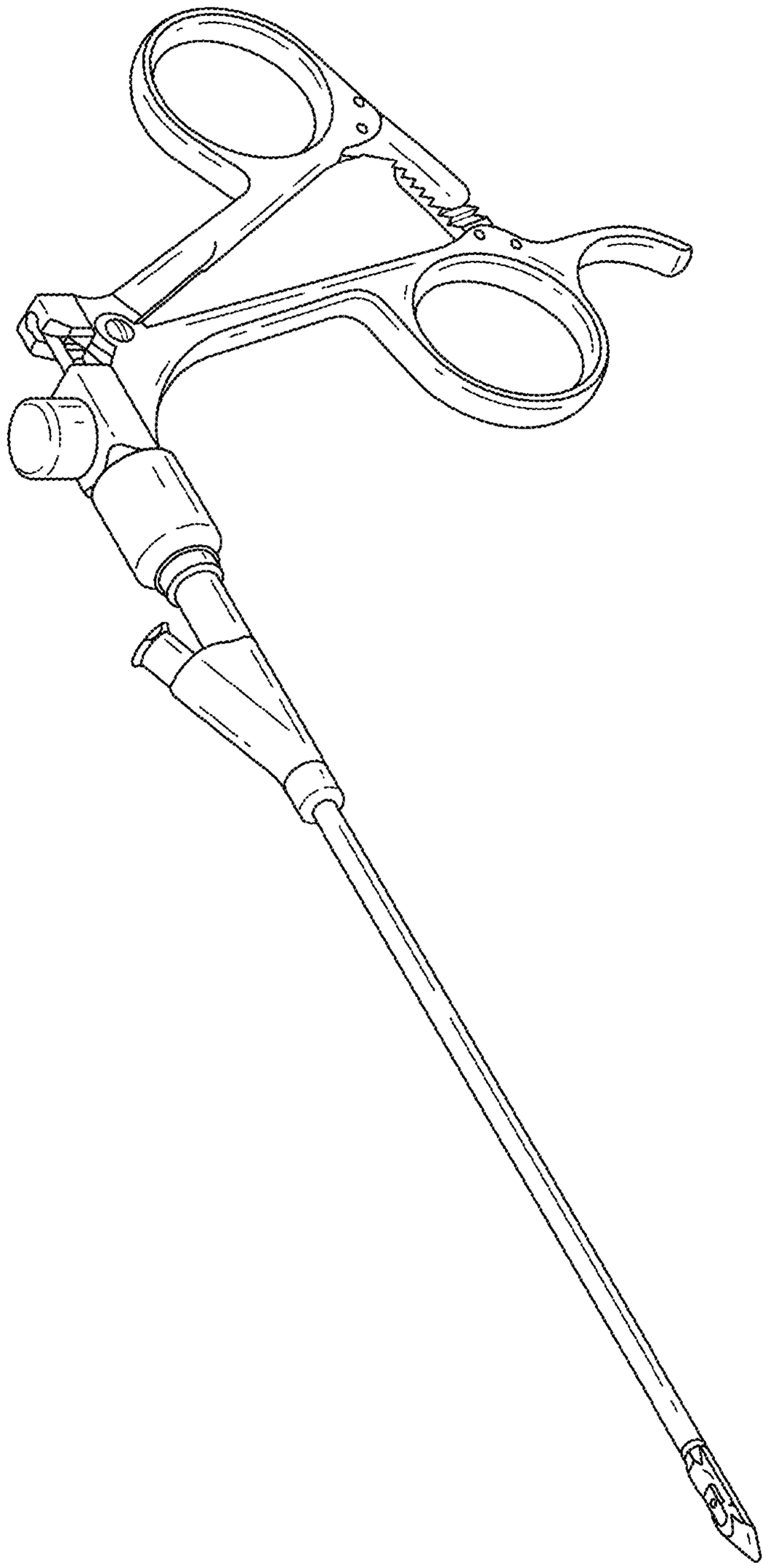

FIG.2

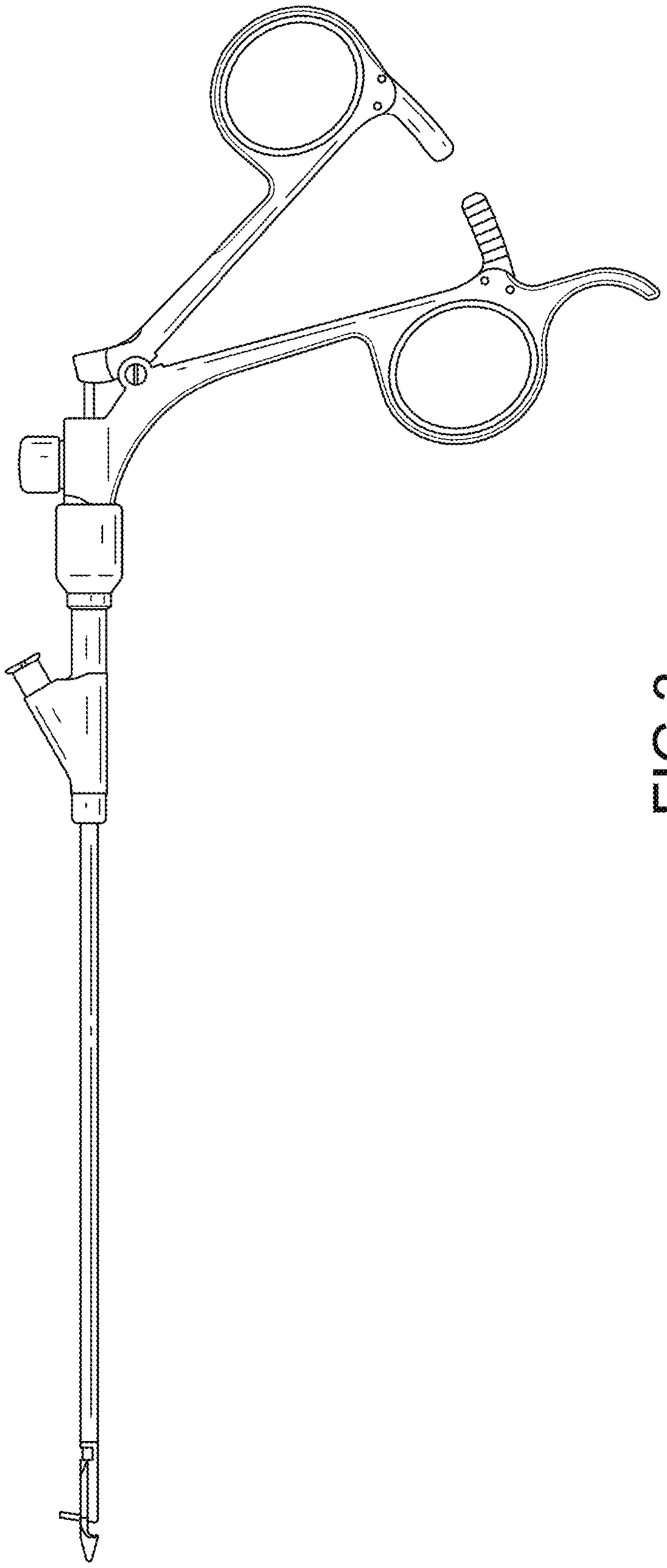

FIG.3

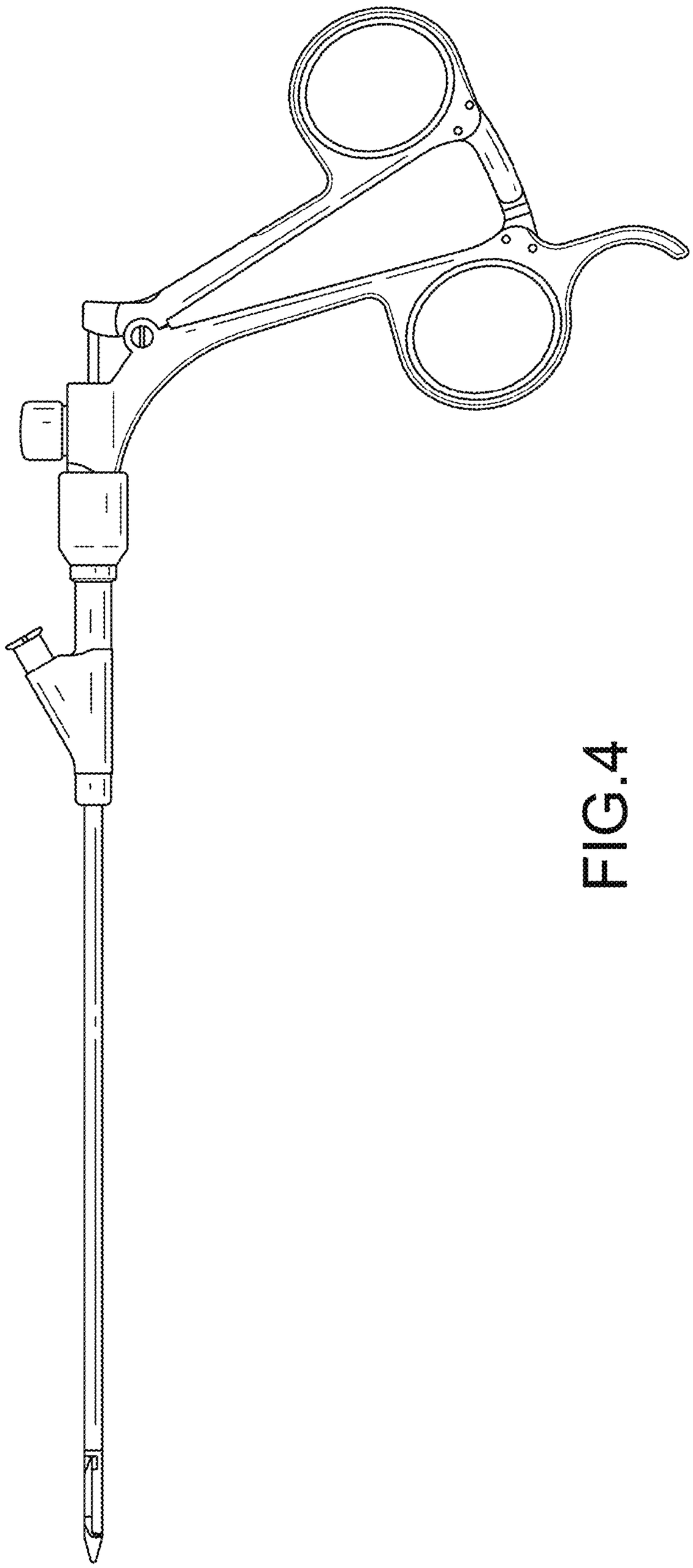

FIG.4

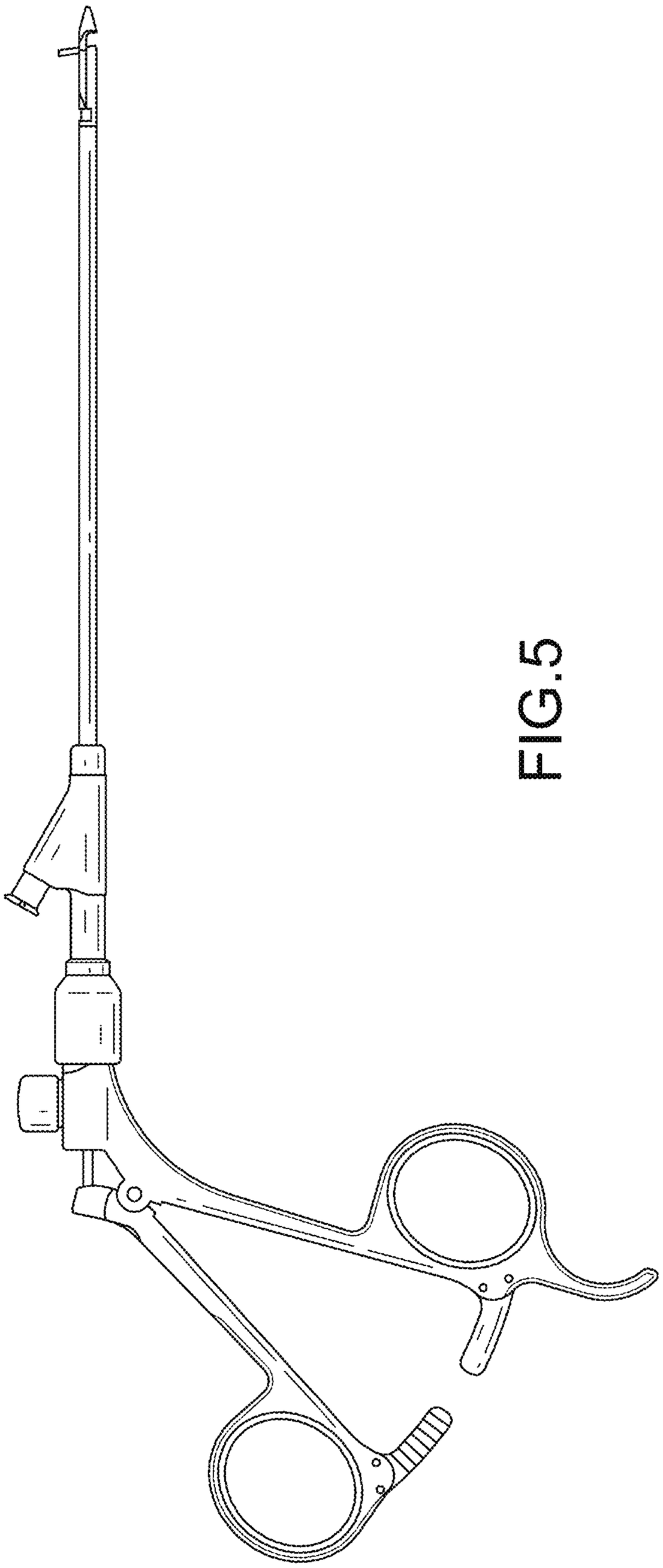

FIG.5

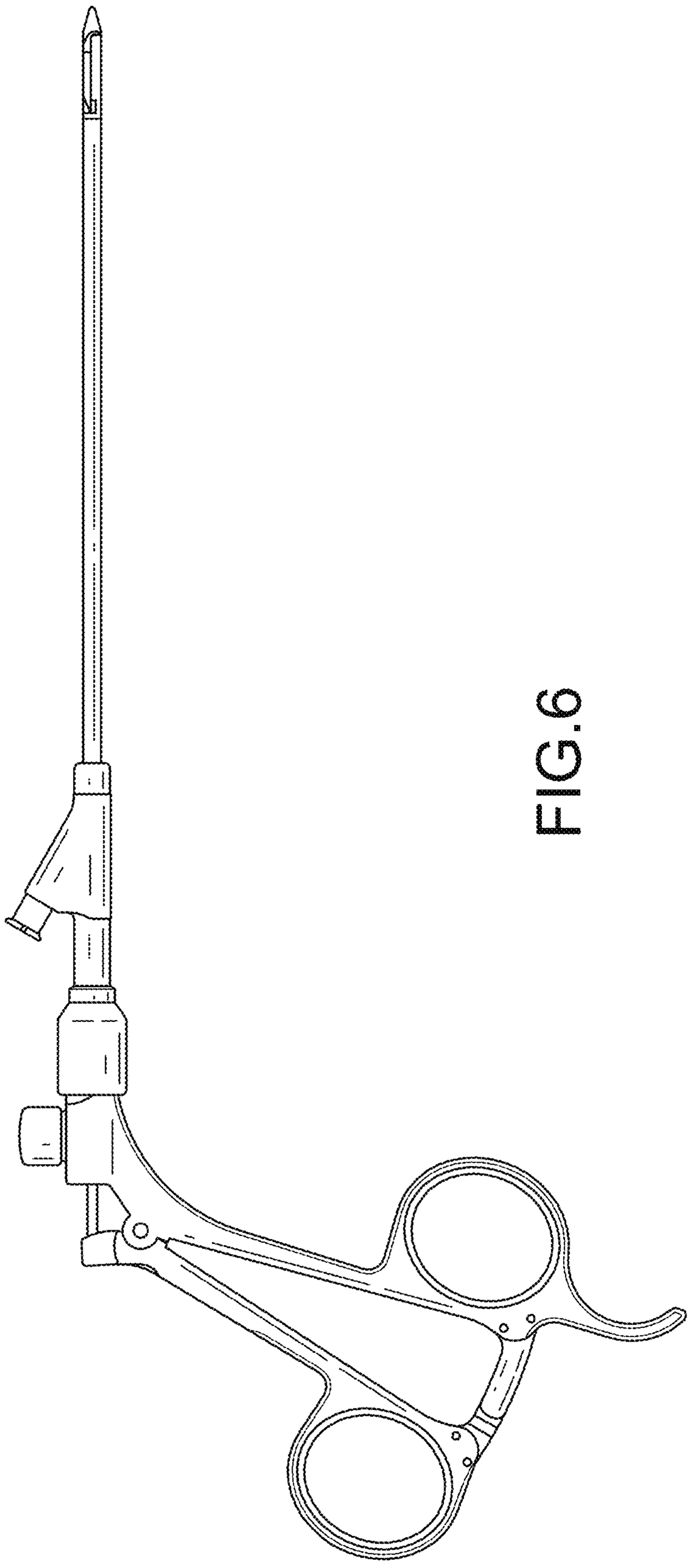

FIG.6

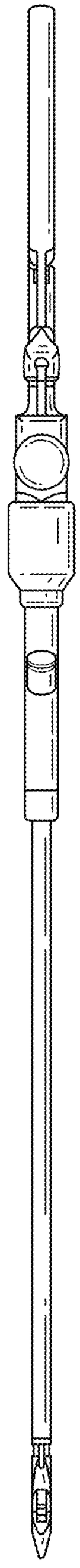

FIG.7

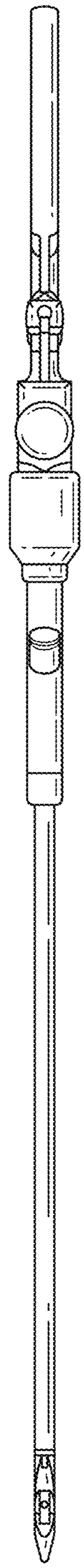

FIG.8

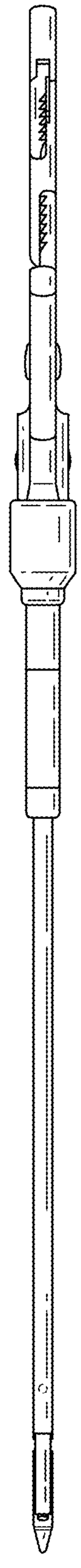

FIG.9

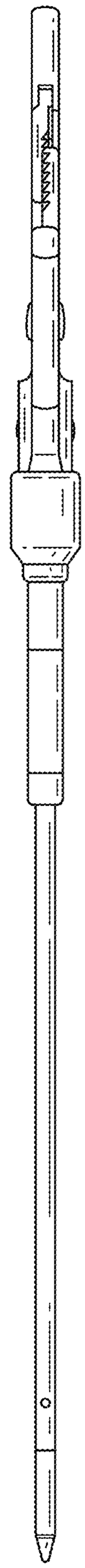

FIG.10

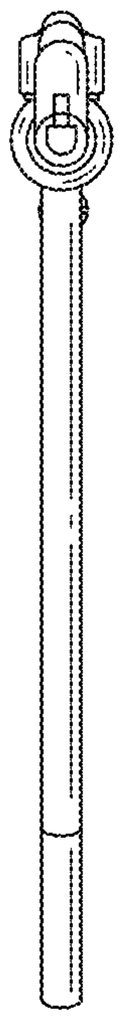

FIG.11

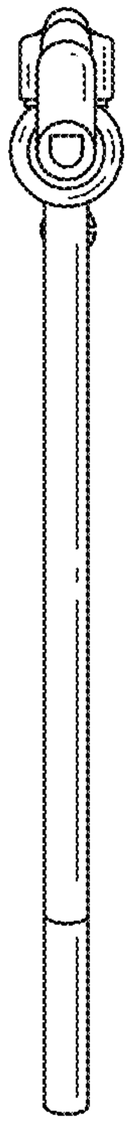

FIG.12

FIG.13

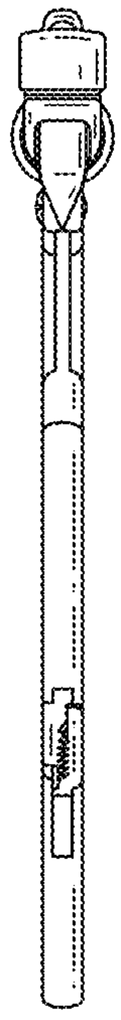

FIG.14