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(12) **United States Design Patent**  
**Linnenschmidt**

(10) **Patent No.:** **US D804,027 S**

(45) **Date of Patent:** **\*\* Nov. 28, 2017**

- (54) **SUTURE RETRIEVER**
- (71) Applicant: **KARL STORZ GmbH & Co. KG**,  
Tuttlingen (DE)
- (72) Inventor: **Fred Linnenschmidt**, Tuttlingen (DE)
- (73) Assignee: **KARL STORZ GmbH & Co. KG**,  
Tuttlingen (DE)
- (\*\*) Term: **15 Years**
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- (30) **Foreign Application Priority Data**

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- (51) **LOC (10) Cl.** ..... **24-02**
- (52) **U.S. Cl.**  
USPC ..... **D24/145; D24/143**
- (58) **Field of Classification Search**  
USPC ..... D24/143, 145-147  
CPC ..... A61B 17/0483; A61B 17/0469; A61B  
17/0485; A61B 17/0487; A61B 17/28;  
A61B 17/2841; A61B 17/2909; A61B  
2017/00349; A61B 2017/0046; A61B  
2017/00663  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 5,423,836 A \* 6/1995 Brown ..... A61B 17/0469  
606/139
- D366,525 S \* 1/1996 Toy ..... D24/145
- 5,496,335 A 3/1996 Thomason et al.
- 5,499,991 A 3/1996 Garman et al.
- 5,522,830 A \* 6/1996 Aranyi ..... A61B 17/29  
606/167

- 5,730,747 A \* 3/1998 Ek ..... A61B 17/0469  
606/139
- 5,899,911 A \* 5/1999 Carter ..... A61B 17/0469  
606/139
- 6,074,403 A 6/2000 Nord
- 6,517,552 B1 2/2003 Nord et al.  
(Continued)

**FOREIGN PATENT DOCUMENTS**

- DE 198 48 958 A1 5/1989
- EP 1 389 446 a2 2/2004
- EP 1 958 574 b1 12/2011

**OTHER PUBLICATIONS**

- U.S. Appl. No. 29/535,680, filed Aug. 10, 2015, Lautemann et al.  
(Continued)

*Primary Examiner* — Wan Laymon

(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, P.C.

(57) **CLAIM**

The ornamental design for a suture retriever, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a suture retriever according to the present invention.

FIG. 2 is a front view of the suture retriever of FIG. 1.

FIG. 3 is a rear view of the suture retriever of FIG. 1.

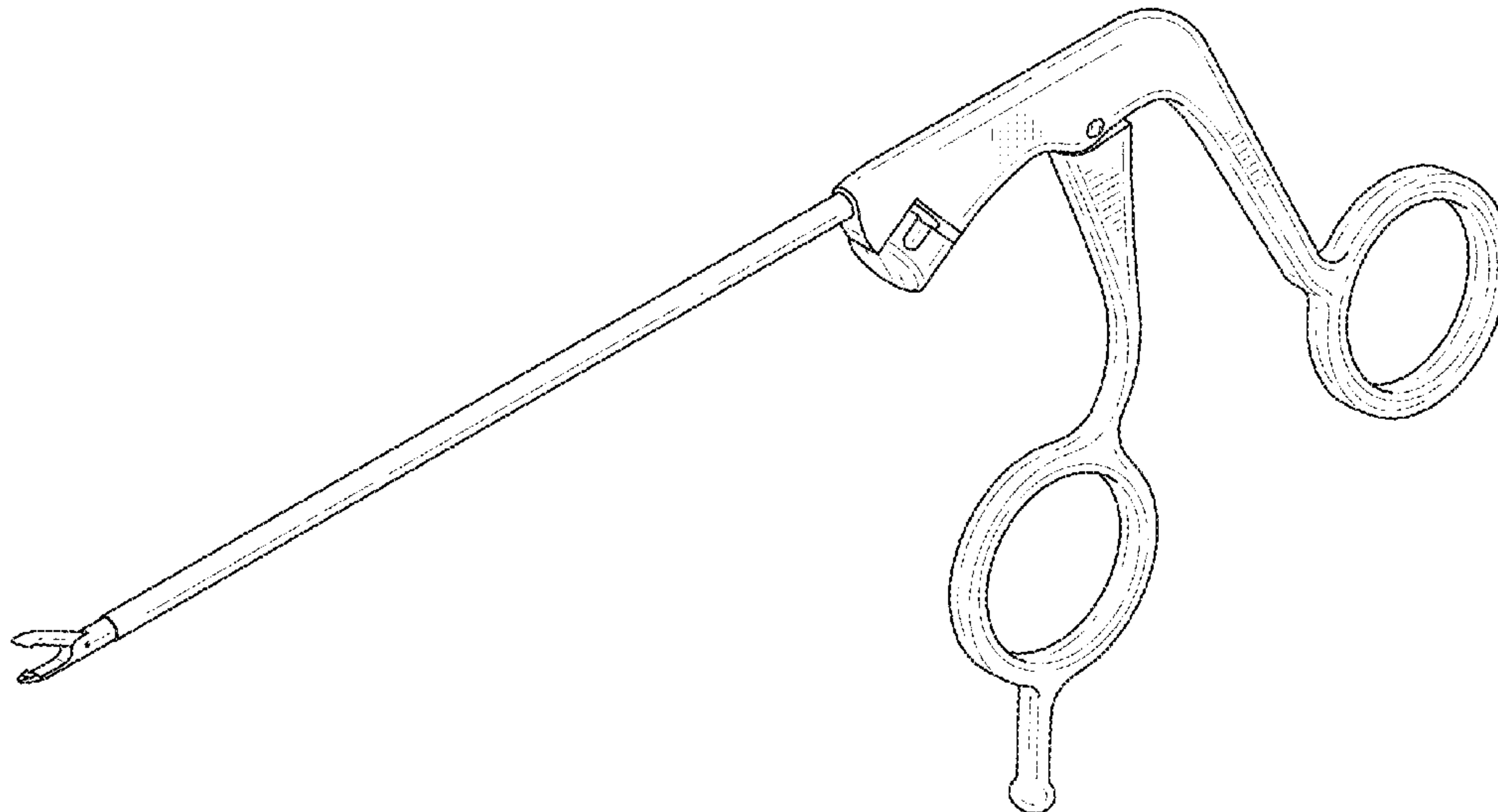
FIG. 4 is a left side view of the suture retriever of FIG. 1.

FIG. 5 is a right side view of the suture retriever of FIG. 1.

FIG. 6 is a top view of the suture retriever of FIG. 1; and, FIG. 7 is a bottom view of the suture retriever of FIG. 1.

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, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

7,883,519 B2 \* 2/2011 Oren ..... A61B 17/0483  
606/148

OTHER PUBLICATIONS

U.S. Appl. No. 29/535,682, filed Aug. 10, 2015, Lautemann et al.  
U.S. Appl. No. 29/535,686, filed Aug. 10, 2015, Lautemann et al.  
U.S. Appl. No. 29/535,768, filed Aug. 10, 2015, Lautemann et al.  
U.S. Appl. No. 29/535,772, filed Aug. 10, 2015, Lautemann et al.  
U.S. Appl. No. 29/535,775, filed Aug. 10, 2015, Lautemann et al.  
U.S. Appl. No. 29/553,728, filed Feb. 4, 2016, Lautemann et al.  
U.S. Appl. No. 29/553,730, filed Feb. 4, 2016, Lautemann et al.  
U.S. Appl. No. 29/553,725, filed Feb. 4, 2016, Lautemann et al.  
U.S. Appl. No. 29/553,726, filed Feb. 4, 2016, Lautemann et al.  
U.S. Appl. No. 29/553,630, filed Feb. 3, 2016, Lautemann et al.  
U.S. Appl. No. 29/553,636, filed Feb. 3, 2016, Lautemann et al.

\* cited by examiner

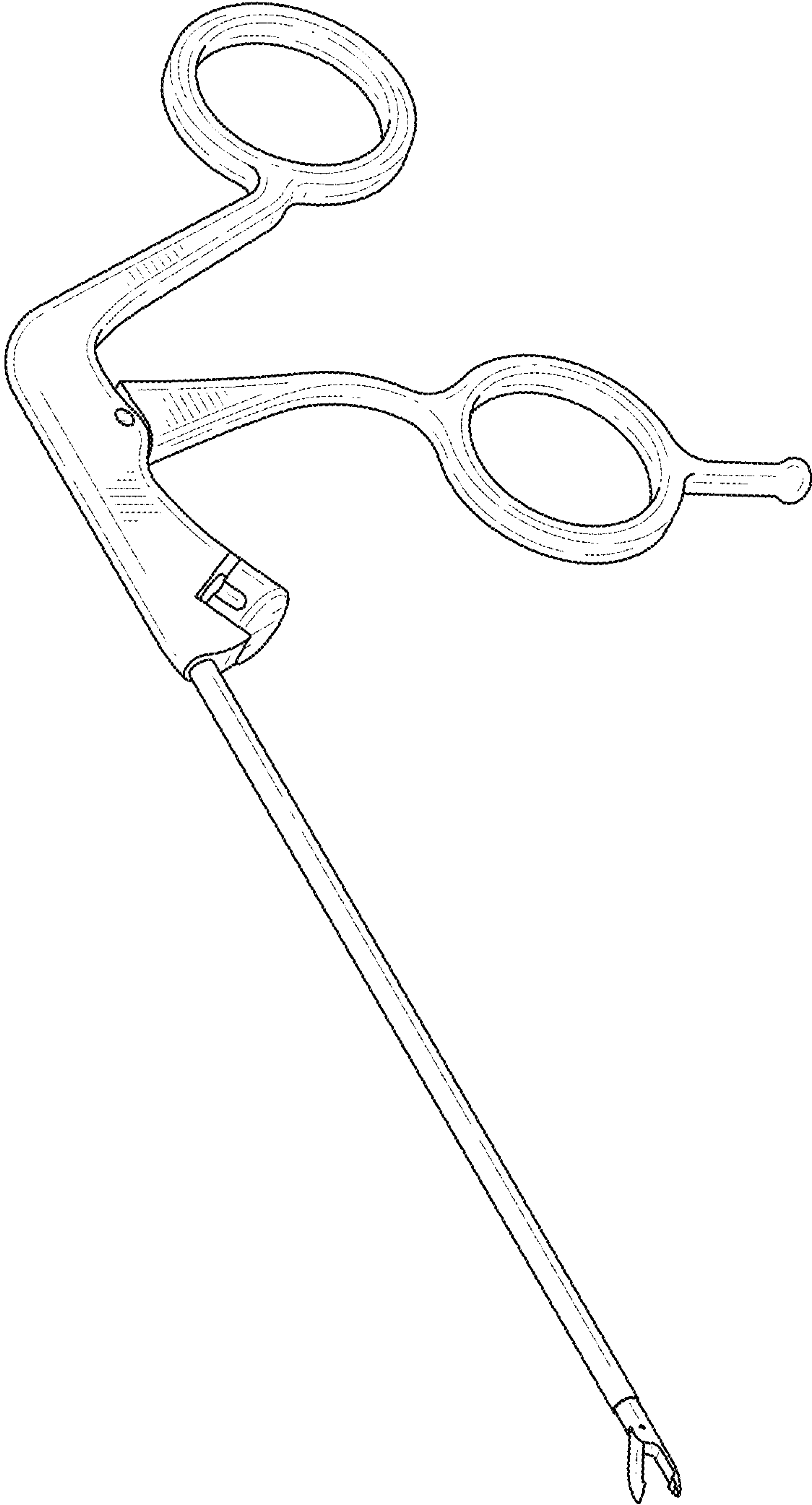


FIG.1

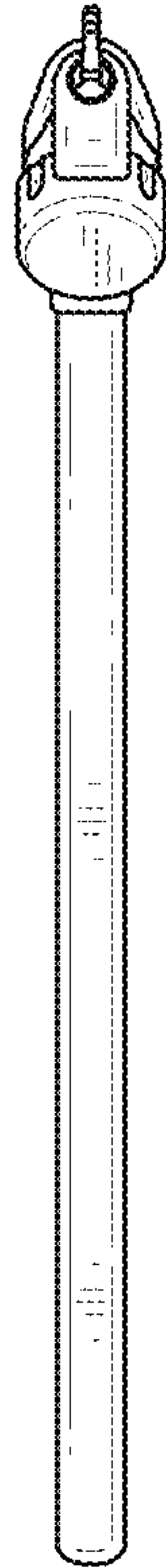


FIG.2

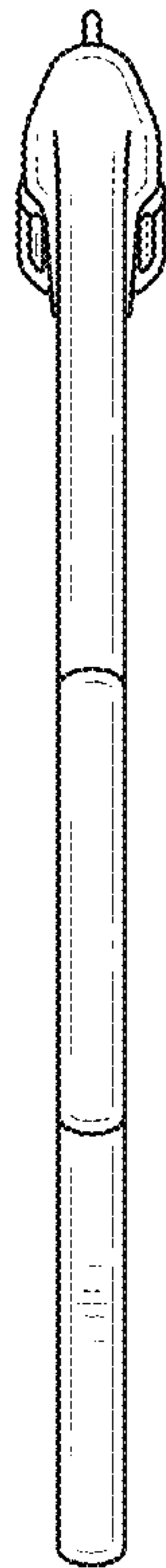


FIG.3

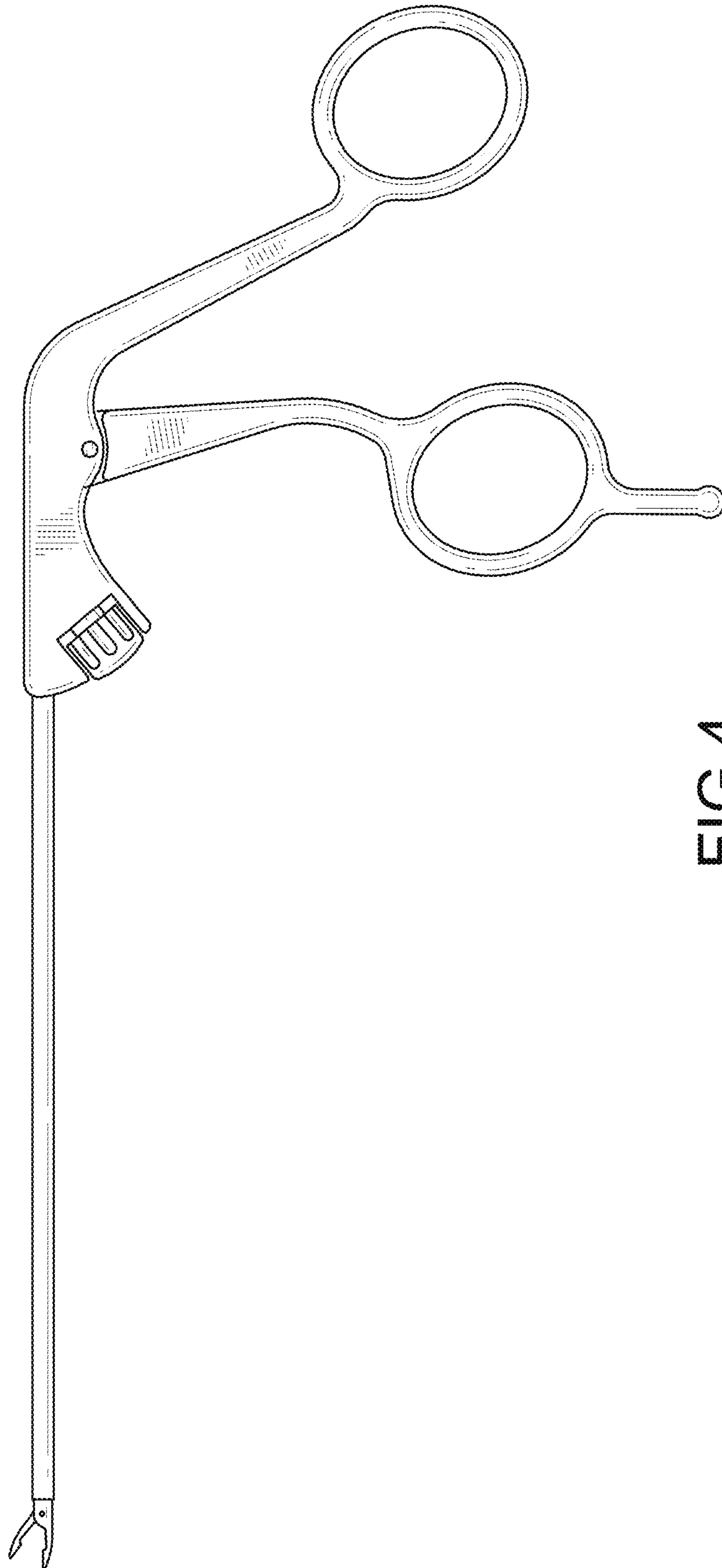


FIG.4

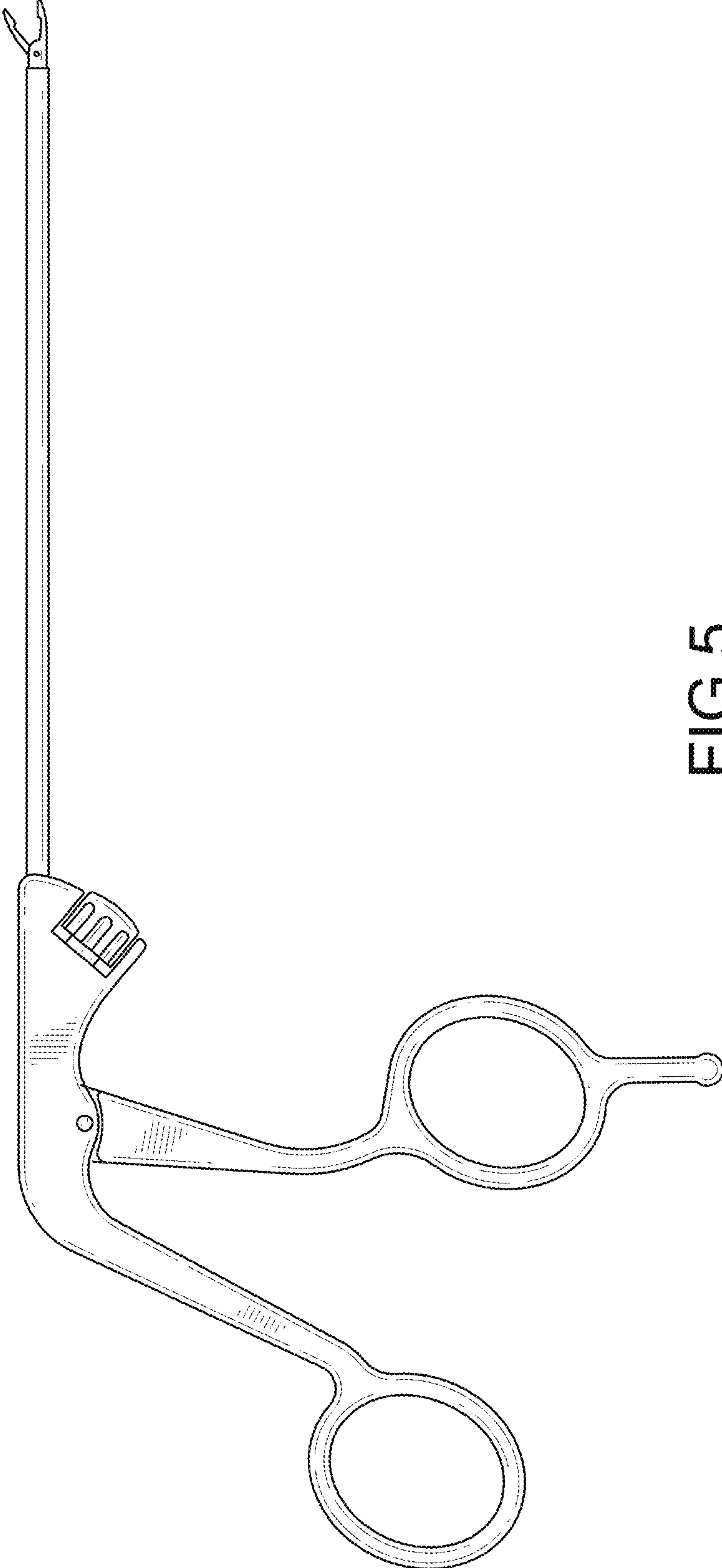


FIG.5



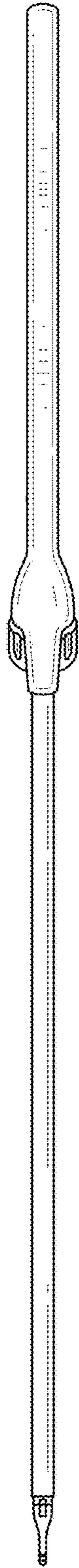


FIG.6



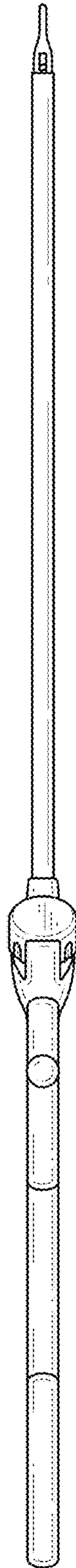


FIG.7