



US00D804028S

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

(10) **Patent No.:** **US D804,028 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**
- (21) Appl. No.: **29/588,293**
- (22) Filed: **Dec. 20, 2016**
- (30) **Foreign Application Priority Data**
 - Jun. 20, 2016 (EM) 003230309-0001
- (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 5/1999
- EP 1 389 446 A2 2/2004
- EP 1 958 574 B1 10/2011

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.

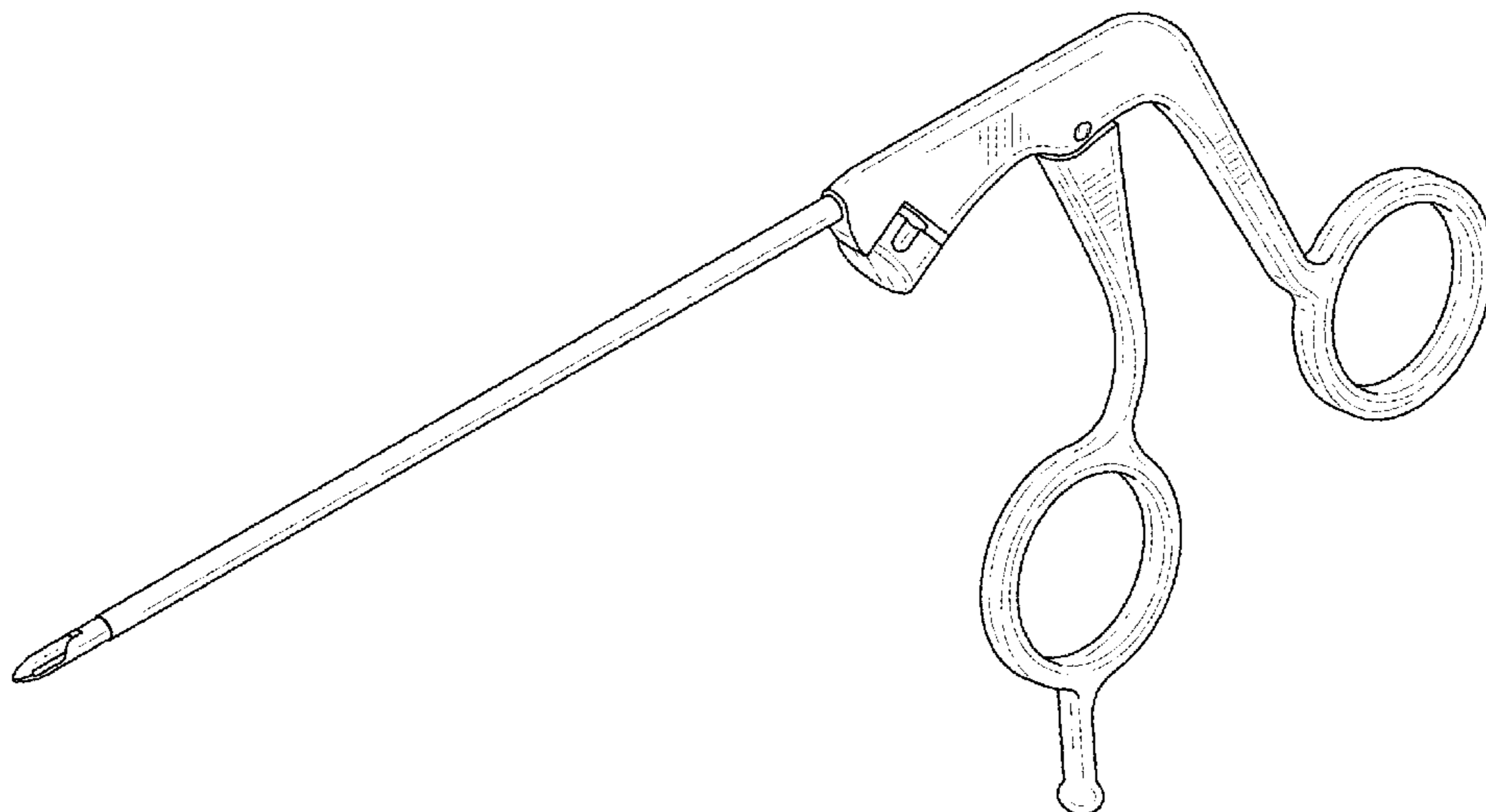
(57) **CLAIM**

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

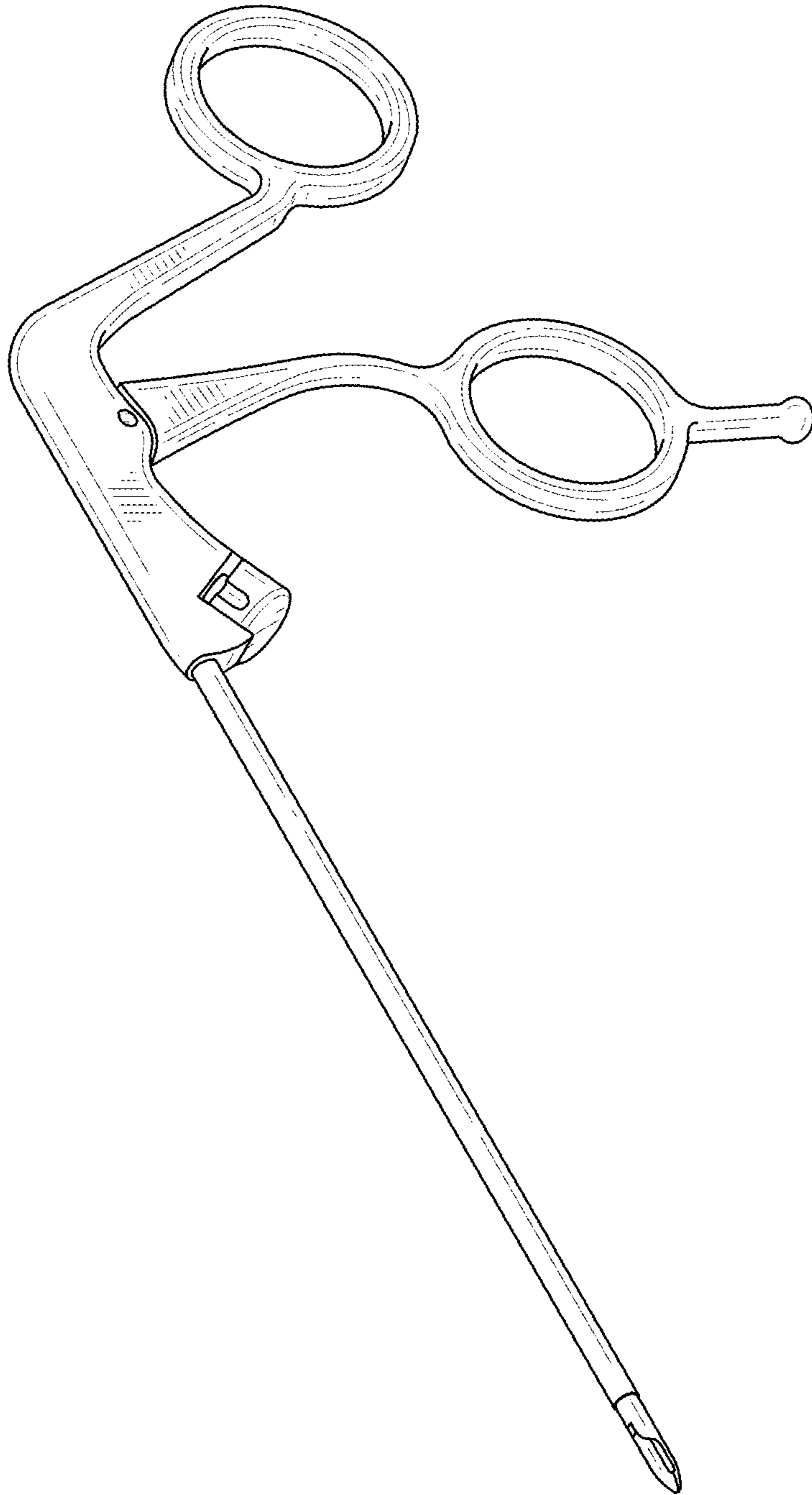


FIG.1

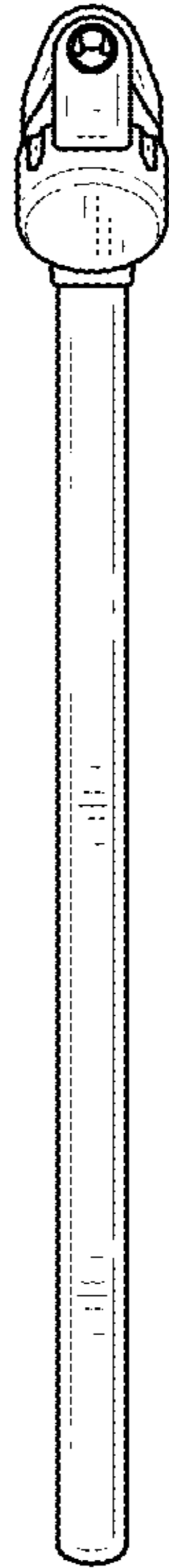


FIG.2

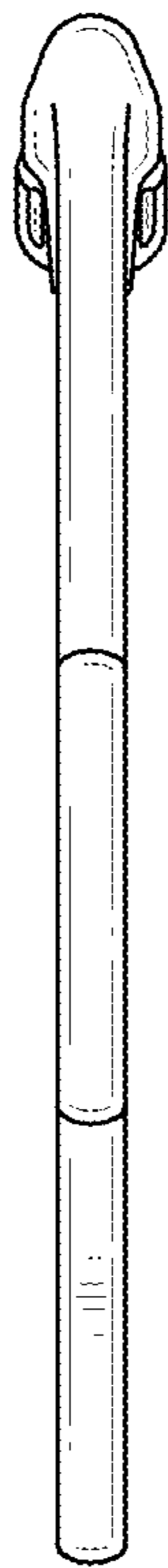


FIG.3

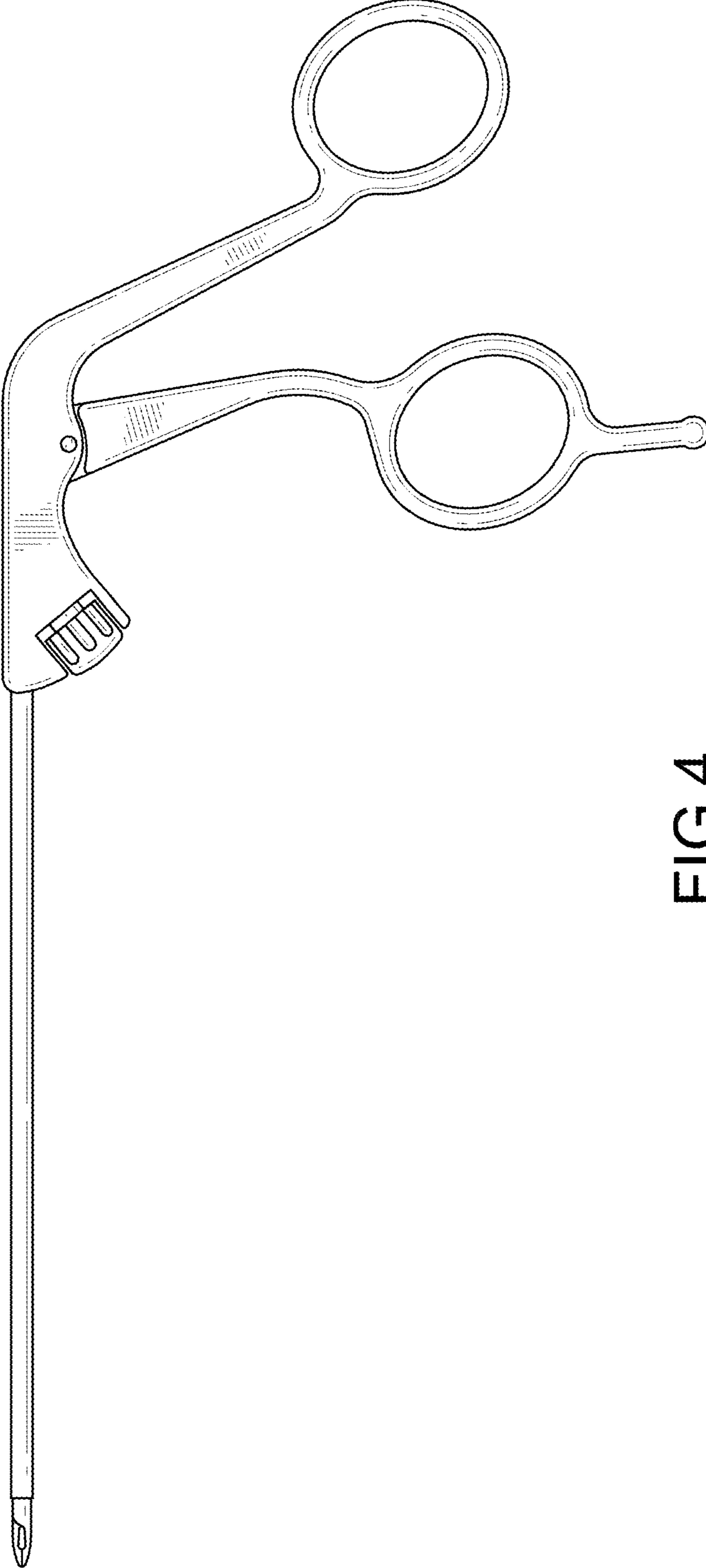


FIG.4

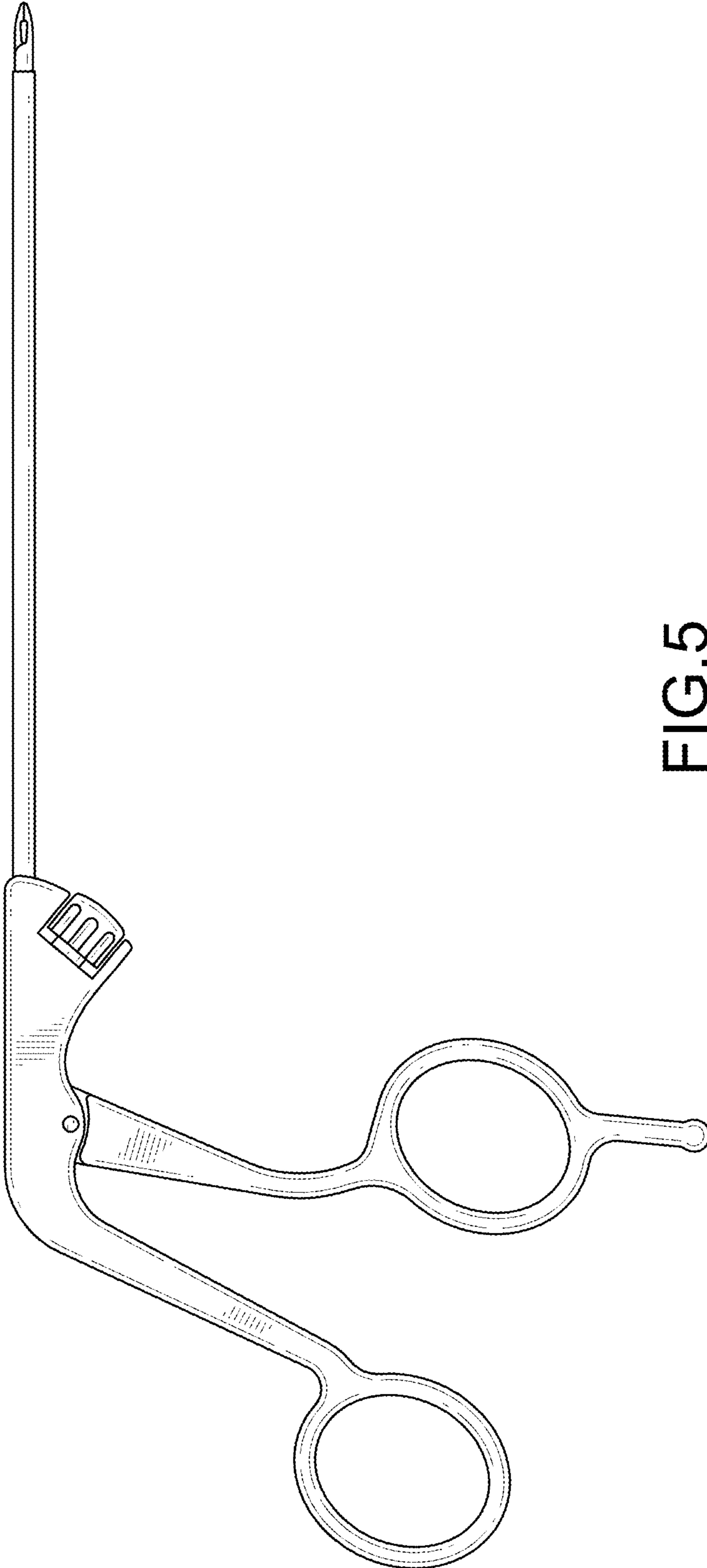


FIG.5

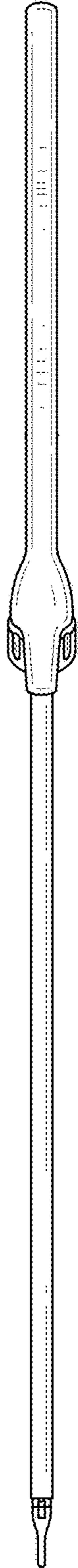


FIG.6

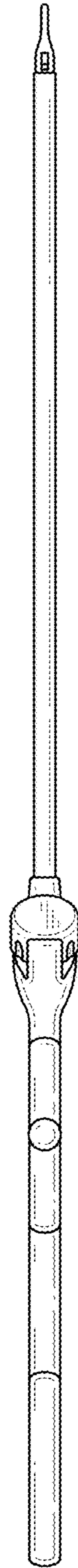


FIG.7