



US00D820444S

(12) **United States Design Patent** (10) **Patent No.:** **US D820,444 S**
Pansadoro et al. (45) **Date of Patent:** **** Jun. 12, 2018**

(54) **RESECTOSCOPE SHAFT FOR COLD ENUCLEATION**

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

(72) Inventors: **Vito Pansadoro**, Rome (IT); **Stefan Rehbein**, Tuttingen (DE); **Uwe Wittke**, Tuttingen (DE)

(73) Assignee: **Karl Storz GmbH & Co. KG**, Tuttingen (DE)

(**) Term: **15 Years**

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(22) Filed: **Feb. 13, 2017**

(30) **Foreign Application Priority Data**

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Aug. 12, 2016 (EM) 003339720-0003
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(51) **LOC (11) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/133**

(58) **Field of Classification Search**
USPC D24/133, 137, 138, 141, 143, 146, 149, D24/187; 600/104, 105, 106
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,685,853 A * 11/1997 Bonnet A61B 1/018
600/106
6,918,909 B2 * 7/2005 Ohyama A61B 18/149
606/46

(Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 29/545,144, filed Nov. 10, 2015, Herrmann et al.

(Continued)

Primary Examiner — Ian Simmons
Assistant Examiner — Yolanda Robinson

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

(57) **CLAIM**

The ornamental design for a resectoscope shaft for cold enucleation, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a resectoscope shaft for cold enucleation according to the present invention.

FIG. 2 is a front view of the resectoscope shaft for cold enucleation of FIG. 1.

FIG. 3 is a rear view of the resectoscope shaft for cold enucleation of FIG. 1.

FIG. 4 is a left side view of the resectoscope shaft for cold enucleation of FIG. 1.

FIG. 5 is a right side view of the resectoscope shaft for cold enucleation of FIG. 1.

FIG. 6 is a top view of the resectoscope shaft for cold enucleation of FIG. 1.

FIG. 7 is a bottom view of the resectoscope shaft for cold enucleation of FIG. 1.

FIG. 8 is a front perspective view of the resectoscope shaft for cold enucleation according to the present invention.

FIG. 9 is a front view of the resectoscope shaft for cold enucleation of FIG. 1.

FIG. 10 is a rear view of the resectoscope shaft for cold enucleation of FIG. 1.

FIG. 11 is a left side view of the resectoscope shaft for cold enucleation of FIG. 1.

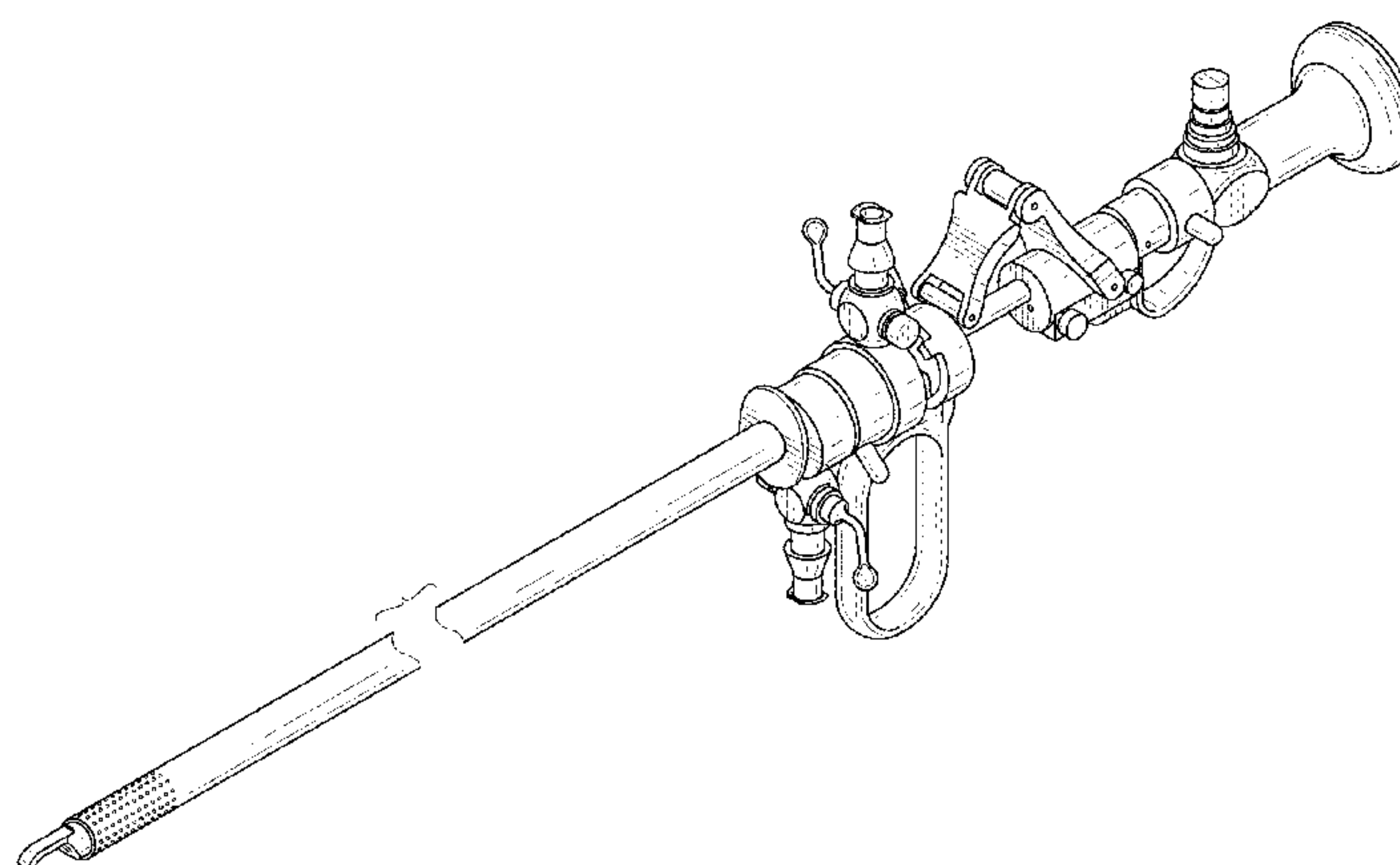
FIG. 12 is a right side view of the resectoscope shaft for cold enucleation of FIG. 1.

FIG. 13 is a top view of the resectoscope shaft for cold enucleation of FIG. 1; and,

FIG. 14 is a bottom view of the resectoscope shaft for cold enucleation of FIG. 1.

The resectoscope shaft for cold enucleation is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

(Continued)



The evenly-spaced broken lines illustrate environment that does not form part of the claim.

1 Claim, 14 Drawing Sheets

(58) **Field of Classification Search**

CPC A61B 1/00; A61B 1/00087; A61B 18/12;
A61B 18/14; A61B 18/149; A61B
18/1482; A61B 18/1206; A61B 2018/126;
A61B 2018/00083

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

8,632,460	B2 *	1/2014	Hauschild	.....	A61B 17/32037	600/106
D709,613	S	7/2014	Wittke			
D712,032	S	8/2014	Wittke			
D724,210	S	3/2015	Wittke et al.			
D773,045	S	11/2016	Wittke et al.			
D773,046	S	11/2016	Wittke et al.			
D782,040	S *	3/2017	Teufel	.....	D24/138	
D790,697	S *	6/2017	Bresco Torras	.....	D24/138	
D791,317	S *	7/2017	Bresco Torras	.....	D24/138	
2003/0073902	A1 *	4/2003	Hauschild	.....	A61B 17/32037	600/431
2004/0064139	A1 *	4/2004	Yossepowitch		A61B 17/320016	606/46
2005/0010080	A1 *	1/2005	Dickopp	.....	A61B 18/149	600/105
2005/0070893	A1 *	3/2005	Aue	.....	A61B 18/149	606/46
2005/0228225	A1 *	10/2005	Hauschild	.....	A61B 17/32037	600/104
2006/0058580	A1 *	3/2006	Reichenbach	.....	A61B 18/149	600/104

2006/0122459	A1 *	6/2006	Aue	.....	A61B 1/00135	600/105
2007/0244353	A1 *	10/2007	Larsen	.....	A61B 1/12	600/105
2009/0043303	A1 *	2/2009	Shimomura	.....	A61B 18/149	606/46
2010/0063353	A1 *	3/2010	Eliachar	.....	A61B 17/2909	600/106
2010/0312053	A1 *	12/2010	Larsen	.....	A61B 1/12	600/105
2011/0066149	A1 *	3/2011	Hamou	.....	A61B 17/32002	606/45
2011/0295066	A1 *	12/2011	Fan	.....	A61B 1/00119	600/114
2012/0277721	A1 *	11/2012	Hauschild	.....	A61B 17/32037	604/500
2012/0330098	A1 *	12/2012	Knodel	.....	A61B 18/149	600/104
2014/0018799	A1 *	1/2014	Kapfermann	.....	A61B 18/1485	606/46
2014/0135733	A1 *	5/2014	Hauschild	.....	A61B 17/32037	604/506
2015/0066018	A1 *	3/2015	Doll	.....	A61B 18/1206	606/39
2015/0351826	A1 *	12/2015	Kroeber	.....	A61B 18/1206	600/105
2016/0198934	A1 *	7/2016	Kapfermann	.....	A61B 18/149	600/105
2017/0000551	A1 *	1/2017	Ward	.....	A61B 18/1206	
2017/0224203	A1 *	8/2017	Tanahashi	.....	A61B 1/04	

OTHER PUBLICATIONS

U.S. Appl. No. 29/555,431, filed Feb. 22, 2016, Wittke et al.
Olympus Europa SE & Co. KG, "Olympus: TURIS 2.0—Bipolar resection in saline.", brochures, pp. 1-5, www.olympus-europa.com, Hamburg, Germany (2016).

* cited by examiner

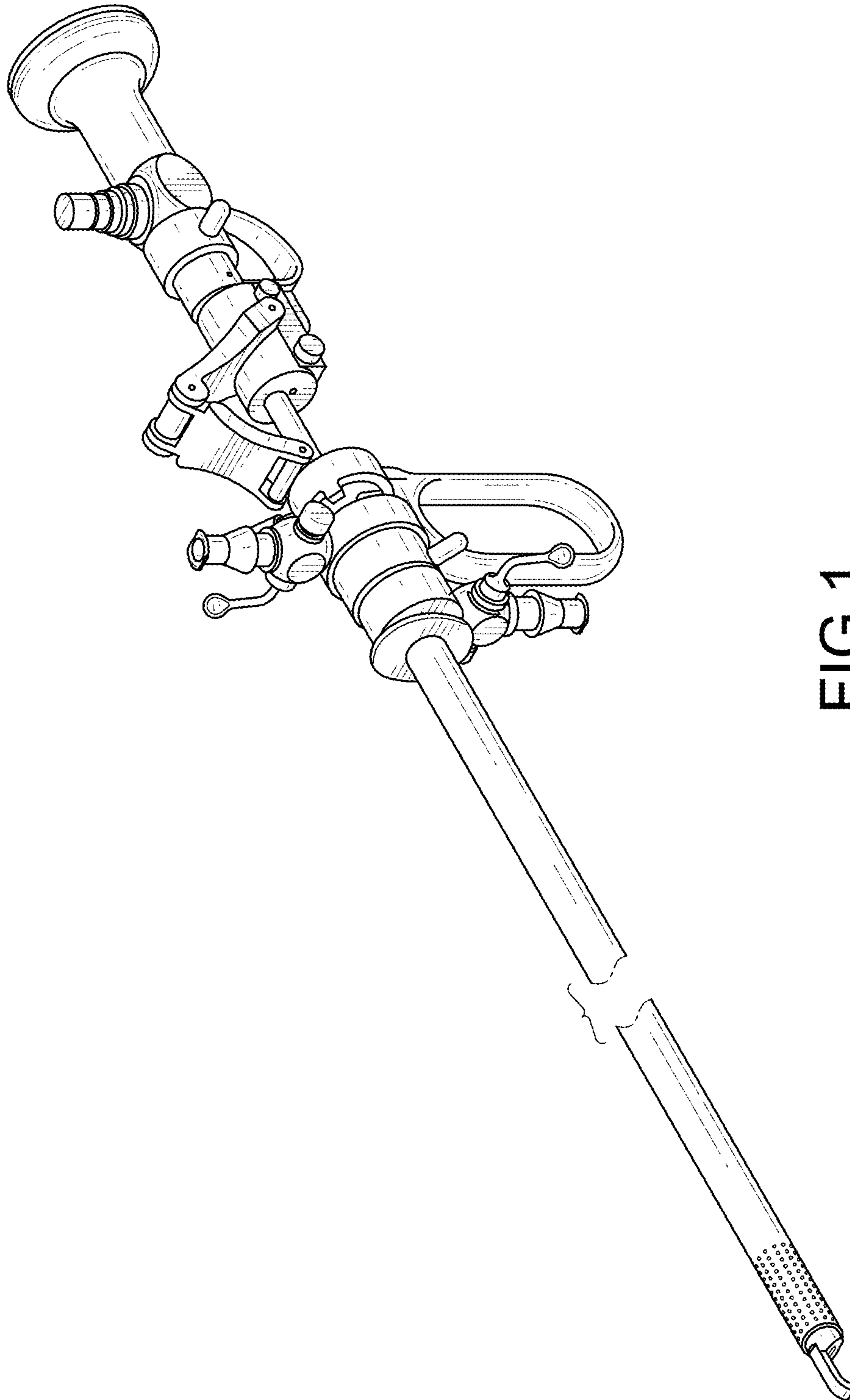


FIG.1

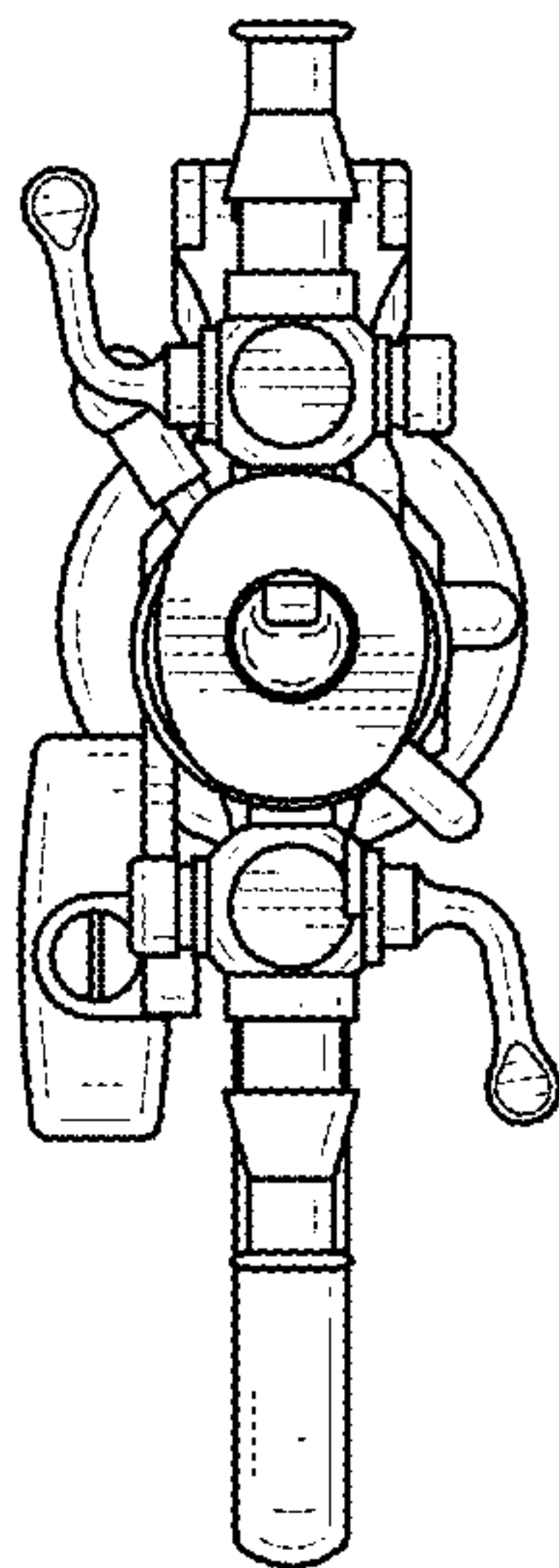


FIG.2

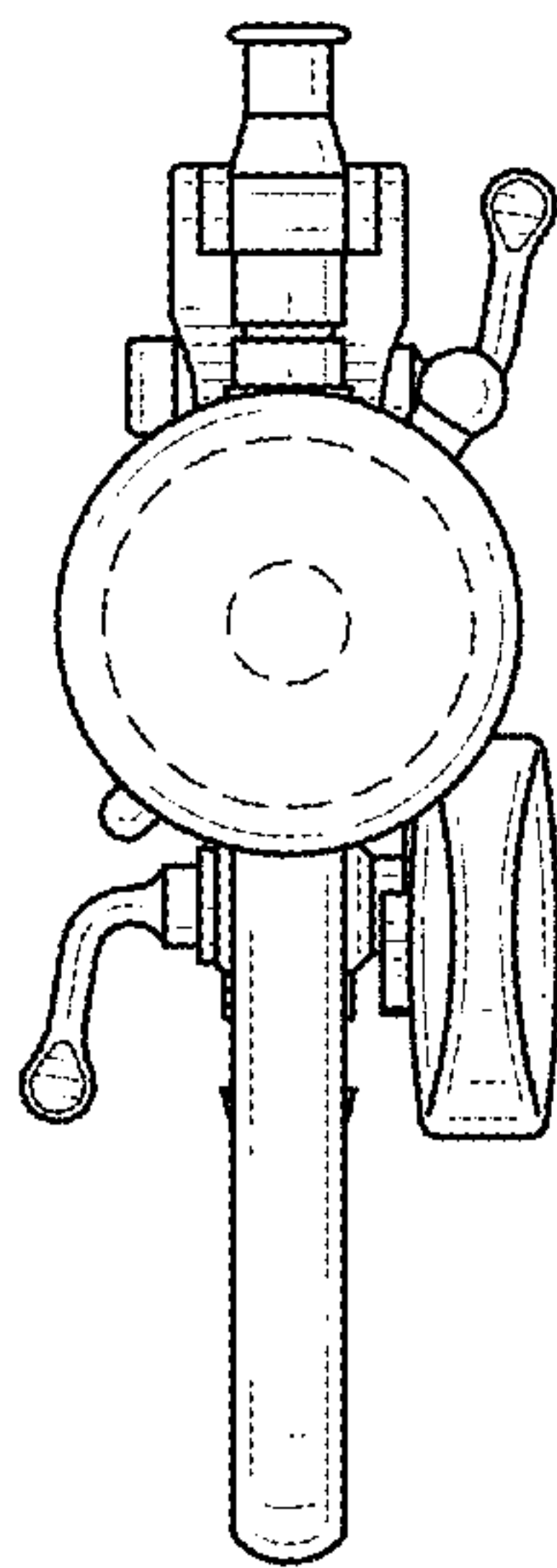


FIG.3

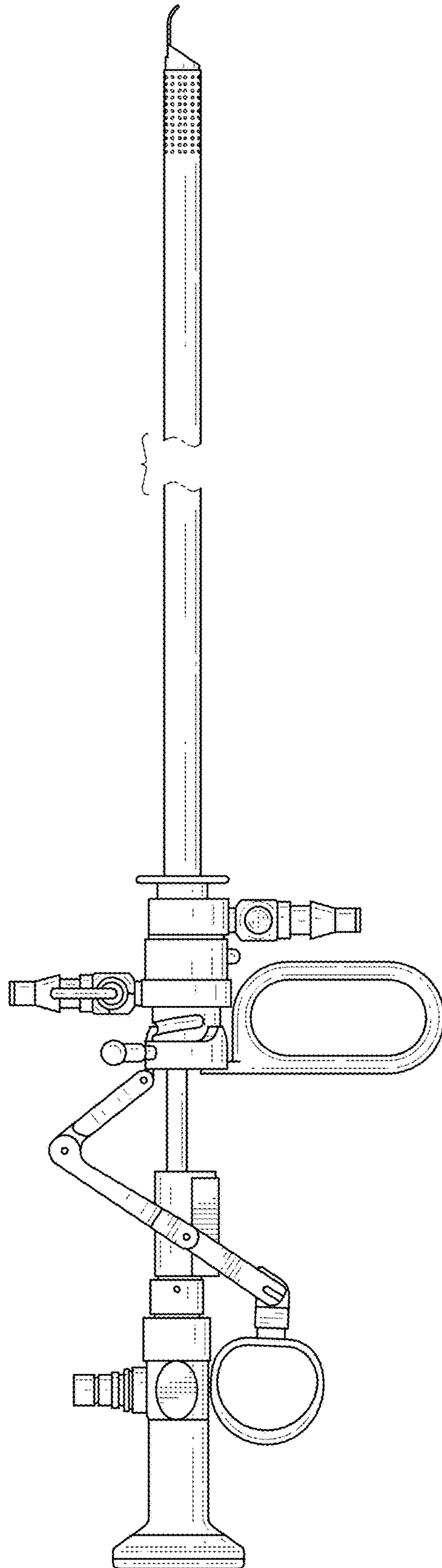


FIG.4

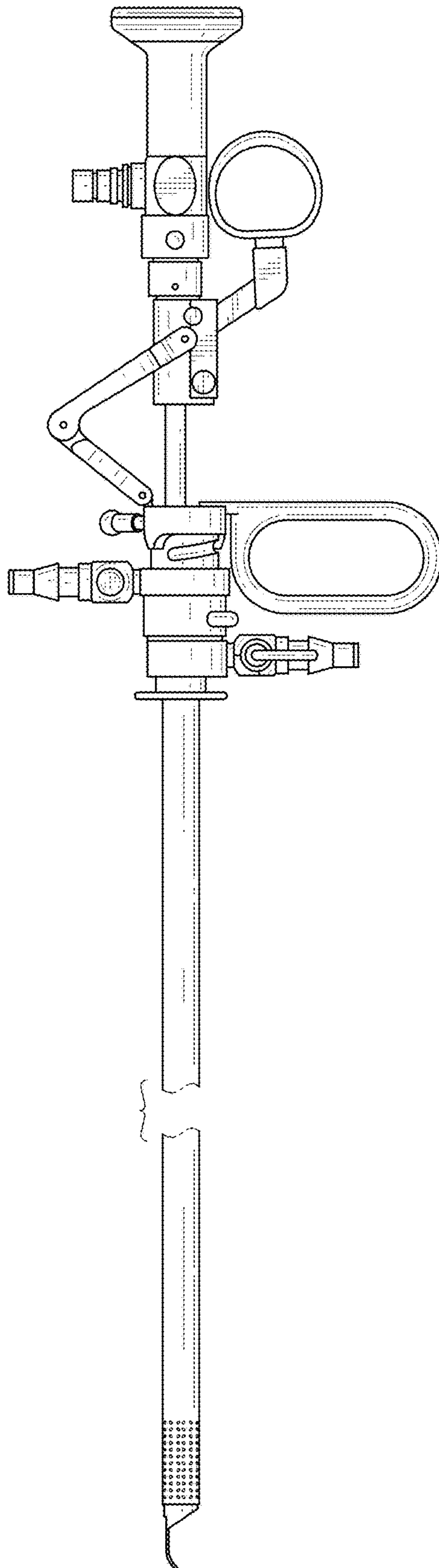


FIG.5

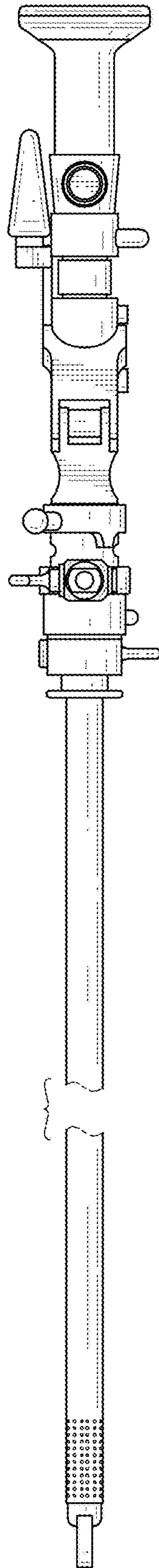


FIG.6

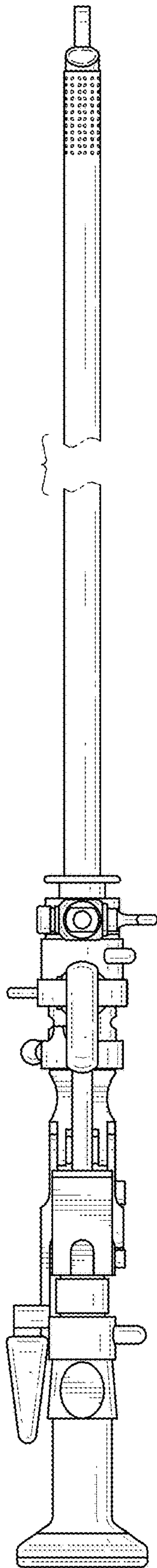


FIG.7

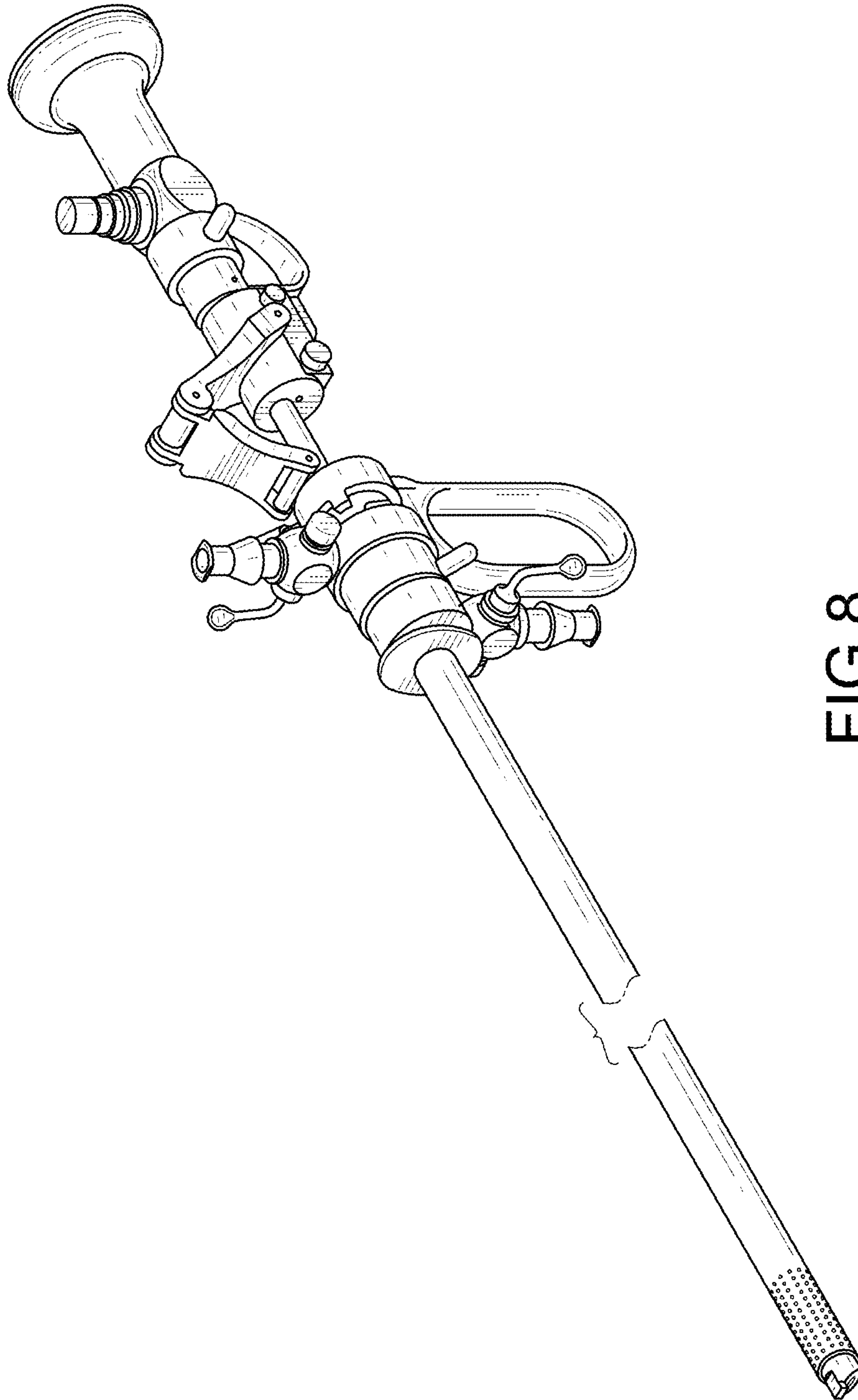


FIG. 8

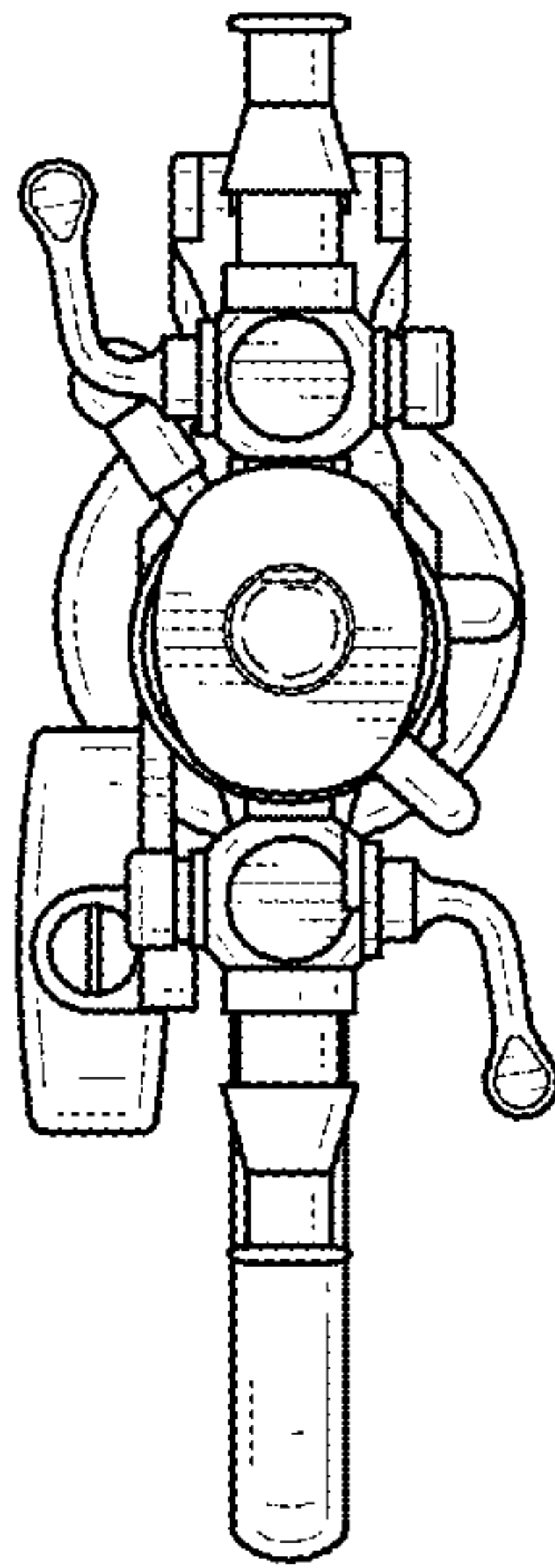


FIG.9

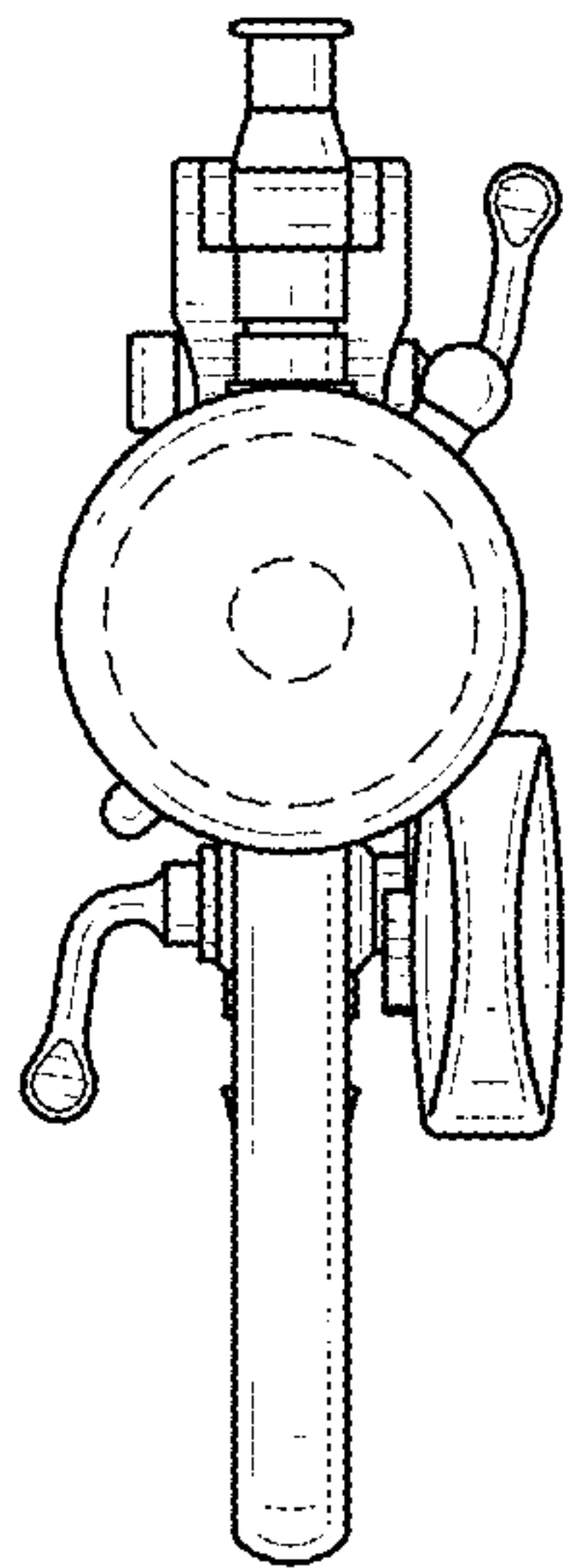


FIG. 10

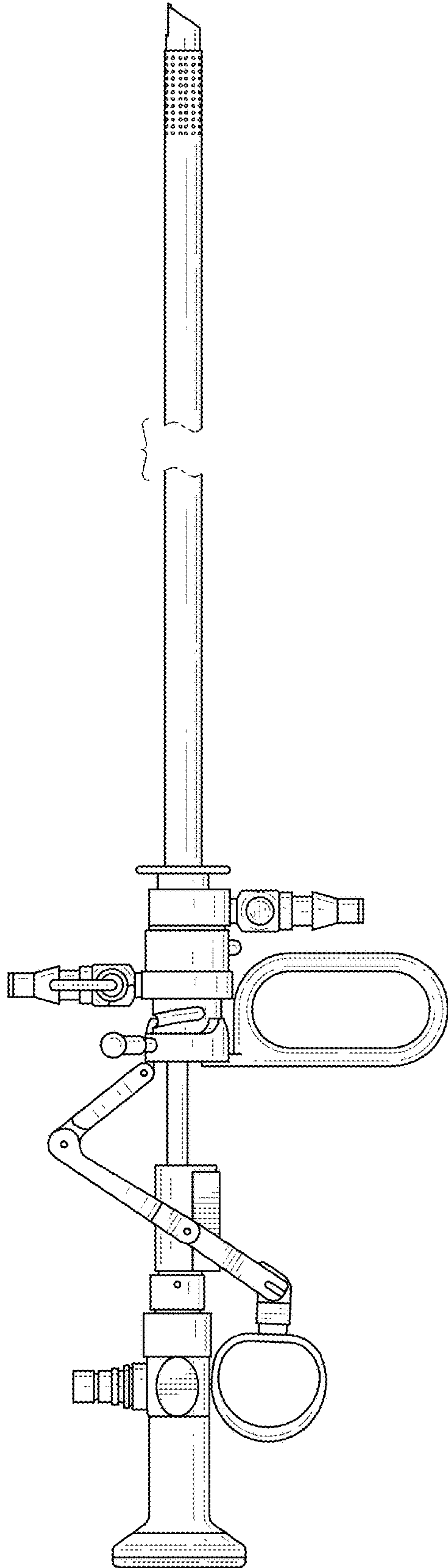


FIG.11

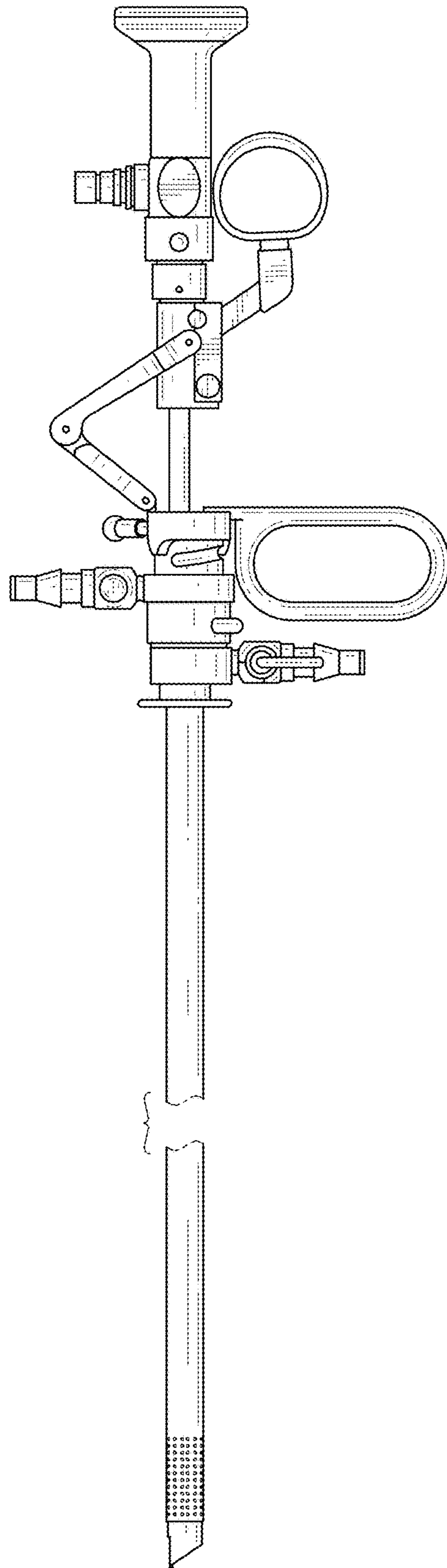


FIG.12

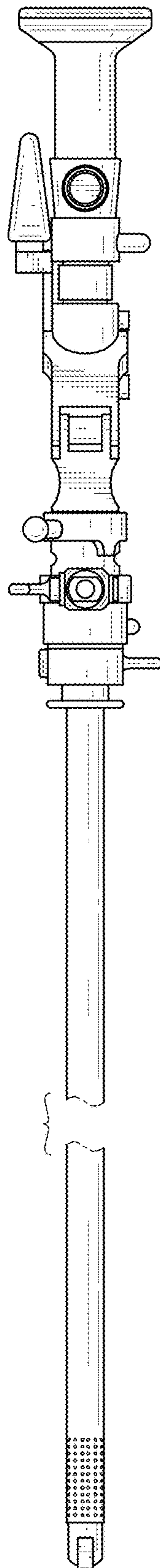


FIG.13

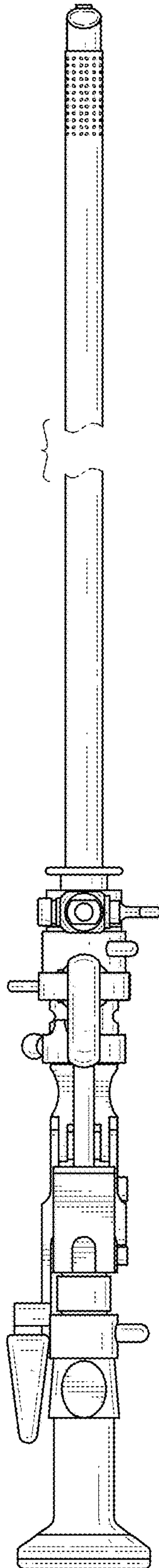


FIG.14