US00D919087S

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

(10) **Patent No.: US D919,087 S**
(45) **Date of Patent: ** May 11, 2021**

(54) **SURGICAL TOOL**

(71) Applicant: **Orthocision Inc.**, Folsom, CA (US)

(72) Inventors: **Troy Schifano**, Morgantown, WV (US); **Steve Anderson**, Folsom, CA (US)

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

(21) Appl. No.: **29/653,774**

(22) Filed: **Jun. 19, 2018**

(51) **LOC (13) Cl.** **24-04**

(52) **U.S. Cl.**
USPC **D24/135**

(58) **Field of Classification Search**
USPC D24/135
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,236,032 B2 * 8/2012 Ramsay A61B 17/7037 606/279
8,246,538 B2 * 8/2012 Gorek A61B 17/0293 600/206

(Continued)

OTHER PUBLICATIONS

Everest, Pamphlet of Everest minimally invasive xt spinal system, available online at http://www.innosurge.com/sites/default/files/uploads/surgery-techniques/Surgical%20Technique%20XT.pdf.

Primary Examiner — Charles D Hanson
(74) *Attorney, Agent, or Firm* — Sierra IP Law, PC; William K. Nelson

(57) **CLAIM**

We claim the ornamental designs for a surgical tool, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of the surgical tool with the distal end of the surgical tool positioned in an upward position;

FIG. **2** is a perspective top view of the surgical tool of FIG. **1** with the proximal end of the surgical tool positioned in an upward position;

FIG. **3** is a side view of a first side of the surgical tool of FIG. **1**;

FIG. **4** is a side view of a second side of the surgical tool of FIG. **1**;

FIG. **5** is a side view of a third side of the surgical tool of FIG. **1**;

FIG. **6** is a side view of a forth side of the surgical tool of FIG. **1**;

FIG. **7** is a view of the proximal end of the surgical tool of FIG. **1**;

FIG. **8** is a view of the distal end of the surgical tool of FIG. **1**;

FIG. **9** is a perspective view of a first alternative embodiment of the surgical tool with the distal end of the surgical tool positioned in an upward position;

FIG. **10** is a perspective top view of the surgical tool of FIG. **9** with the proximal end of the surgical tool positioned in an upward position;

FIG. **11** is a side view of a first side of the surgical tool of FIG. **9**;

FIG. **12** is a side view of a second side of the surgical tool of FIG. **9**;

FIG. **13** is a side view of a third side of the surgical tool of FIG. **9**;

FIG. **14** is a side view of a forth side of the surgical tool of FIG. **9**;

FIG. **15** is a view of the proximal end of the surgical tool of FIG. **9**;

FIG. **16** is a view of the distal end of the surgical tool of FIG. **9**;

FIG. **17** is a perspective view of a second alternative embodiment of the surgical tool with the distal end of the surgical tool positioned in an upward position;

FIG. **18** is a perspective top view of the surgical tool of FIG. **17** with the proximal end of the surgical tool positioned in an upward position;

FIG. **19** is a side view of a first side of the surgical tool of FIG. **17**;

FIG. **20** is a side view of a second side of the surgical tool of FIG. **17**;

(Continued)

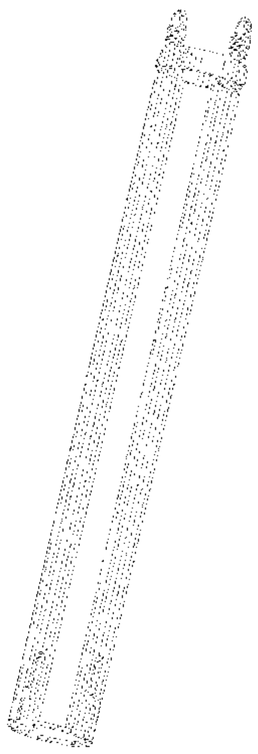

FIG. **21** is a side view of a third side of the surgical tool of FIG. **17**;
FIG. **22** is a side view of a forth side of the surgical tool of FIG. **17**;
FIG. **23** is a view of the proximal end of the surgical tool of FIG. **17**; and
FIG. **24** is a view of the distal end of the surgical tool of FIG. **17**.
FIG. **25** is a perspective view of a third alternative embodiment of the surgical tool with the distal end of the surgical tool positioned in an upward position;
FIG. **26** is a perspective top view of the surgical tool of FIG. **25** with the proximal end of the surgical tool positioned in an upward position;
FIG. **27** is a side view of a first side of the surgical tool of FIG. **25**;
FIG. **28** is a side view of a second side of the surgical tool of FIG. **25**;
FIG. **29** is a side view of a third side of the surgical tool of FIG. **25**;
FIG. **30** is a side view of a forth side of the surgical tool of FIG. **25**;
FIG. **31** is a view of the proximal end of the surgical tool of FIG. **25**; and
FIG. **32** is a view of the distal end of the surgical tool of FIG. **25**.
FIG. **33** is a perspective view of a fourth alternative embodiment of the surgical tool with the distal end of the surgical tool positioned in an upward position;
FIG. **34** is a perspective top view of the surgical tool of FIG. **33** with the proximal end of the surgical tool positioned in an upward position;
FIG. **35** is a side view of a first side of the surgical tool of FIG. **33**;
FIG. **36** is a side view of a second side of the surgical tool of FIG. **33**;
FIG. **37** is a side view of a third side of the surgical tool of FIG. **33**;
FIG. **38** is a side view of a forth side of the surgical tool of FIG. **33**;
FIG. **39** is a view of the proximal end of the surgical tool of FIG. **33**; and,
FIG. **40** is a view of the distal end of the surgical tool of FIG. **33**.
The broken lines in the drawings illustrate portions of the surgical tool which form no part of the claimed design.

1 Claim, 20 Drawing Sheets

(58) **Field of Classification Search**
CPC A61B 17/70; A61B 17/88
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

8,333,770	B2 *	12/2012	Hua	A61B 17/7032 606/86 A
8,740,912	B2	6/2014	Stark	
8,747,407	B2 *	6/2014	Gorek	B29C 45/14311 606/86 A
8,870,878	B2	10/2014	Gorek	
8,882,818	B1	11/2014	Vestgaarden	
8,932,210	B2 *	1/2015	Woods	A61B 17/7085 600/201
9,381,045	B2	7/2016	Donner et al.	
9,451,986	B2	9/2016	Stoffman et al.	
9,629,667	B2 *	4/2017	Petit	A61B 17/7091
10,568,669	B2 *	2/2020	Reitblat	A61B 17/7085
10,702,314	B2 *	7/2020	Reitblat	A61B 17/7035
D905,232	S *	12/2020	Schifano	D24/112
2009/0222044	A1	9/2009	Gorek	
2009/0222045	A1	9/2009	Gorek	
2010/0106200	A1	4/2010	Stark	
2011/0184518	A1	7/2011	Trieu	
2011/0209821	A1	9/2011	Gorek	
2013/0184763	A1 *	7/2013	McClintock	A61B 17/7077 606/279
2014/0243602	A1	8/2014	Gorek	

* cited by examiner

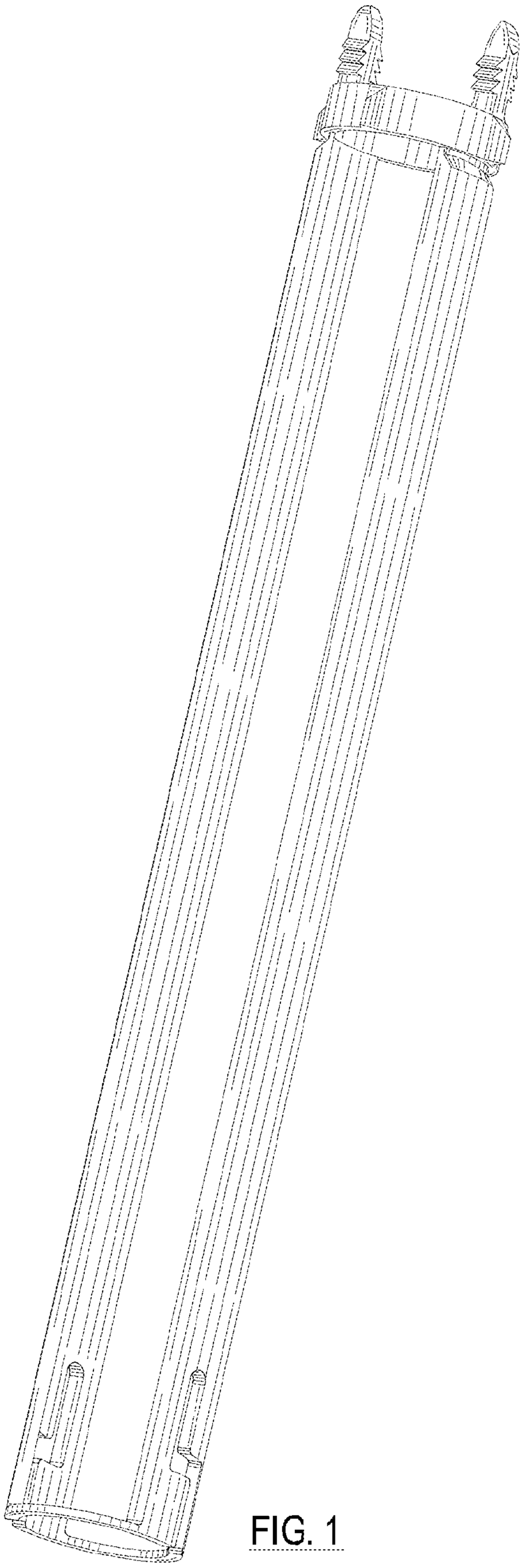

FIG. 1

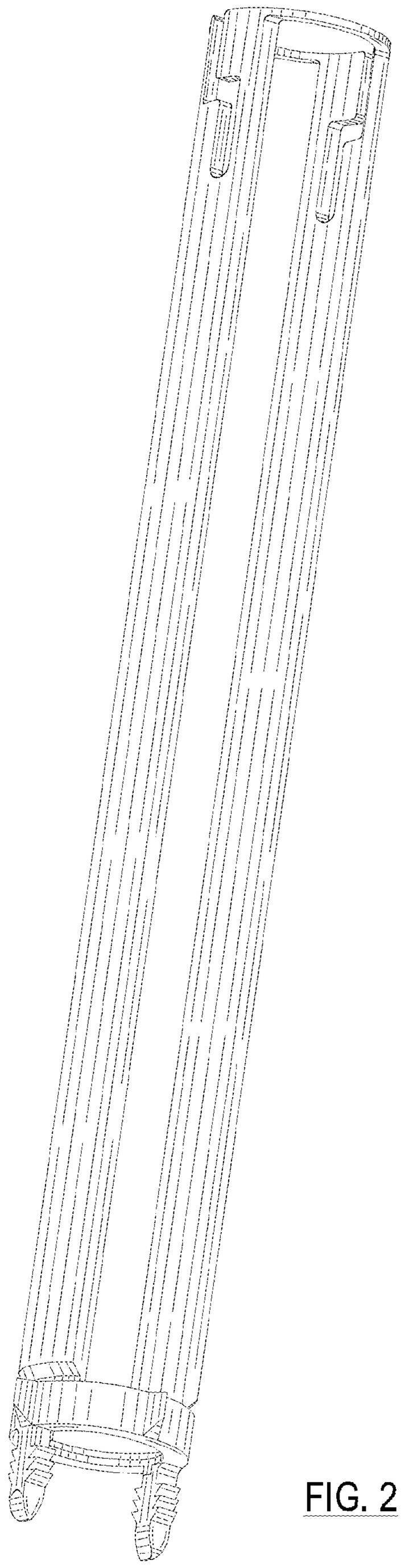

FIG. 2

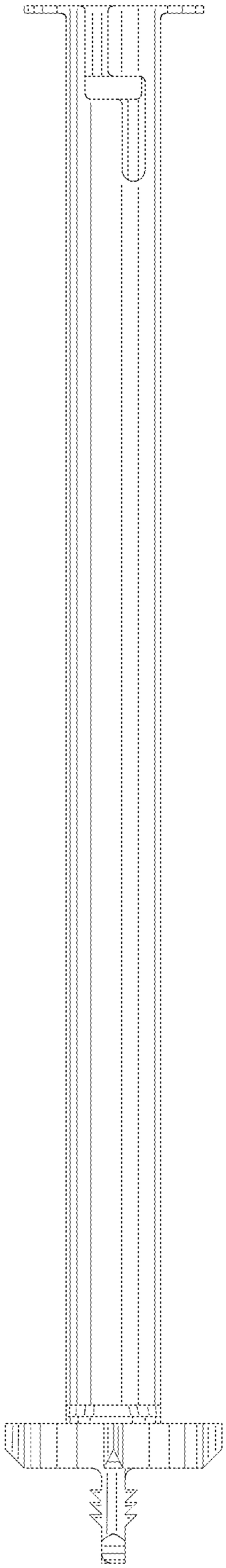

FIG. 3

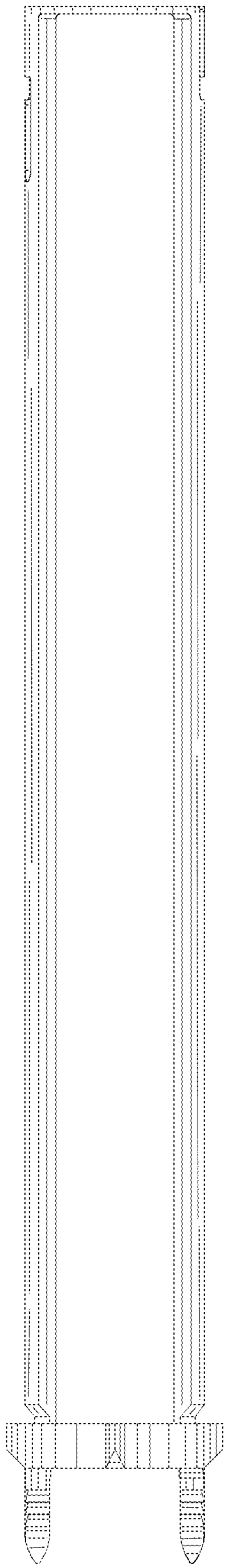

FIG. 4

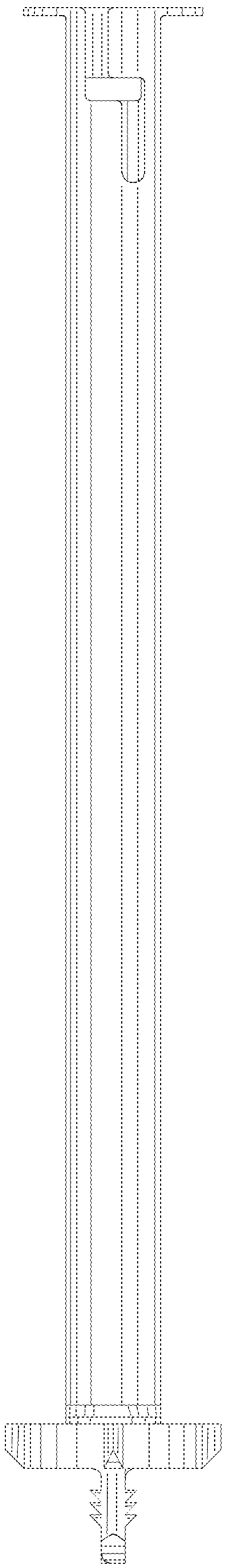

FIG. 5

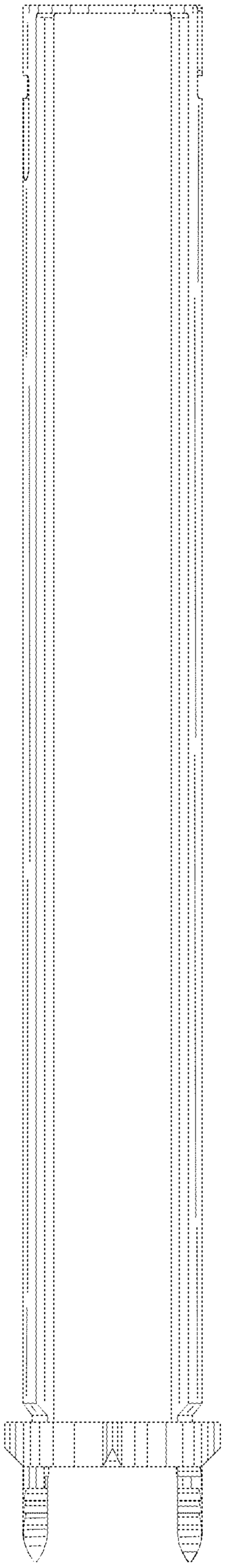

FIG. 6

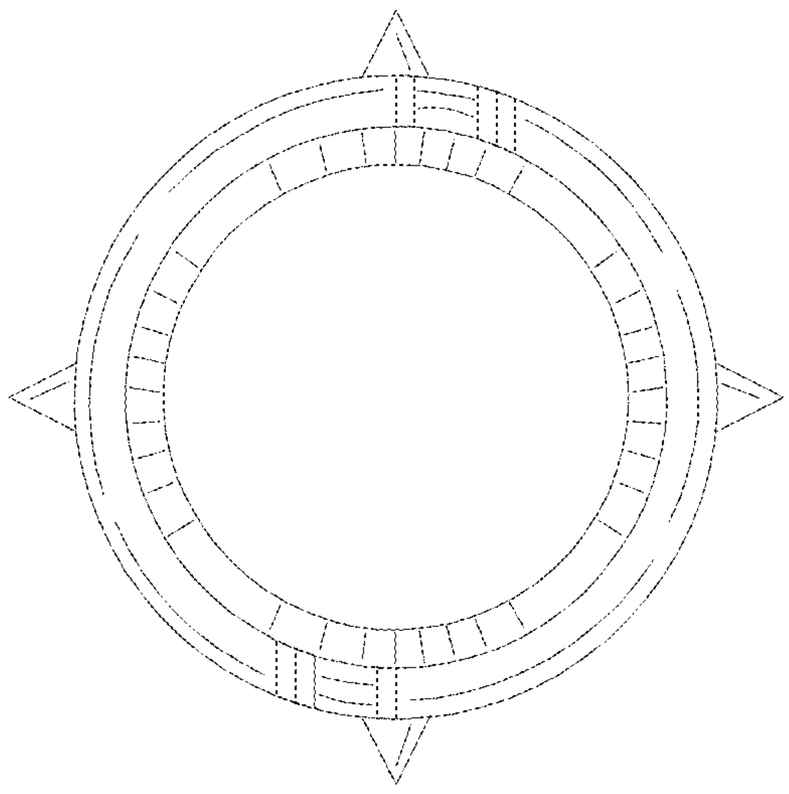

FIG. 7

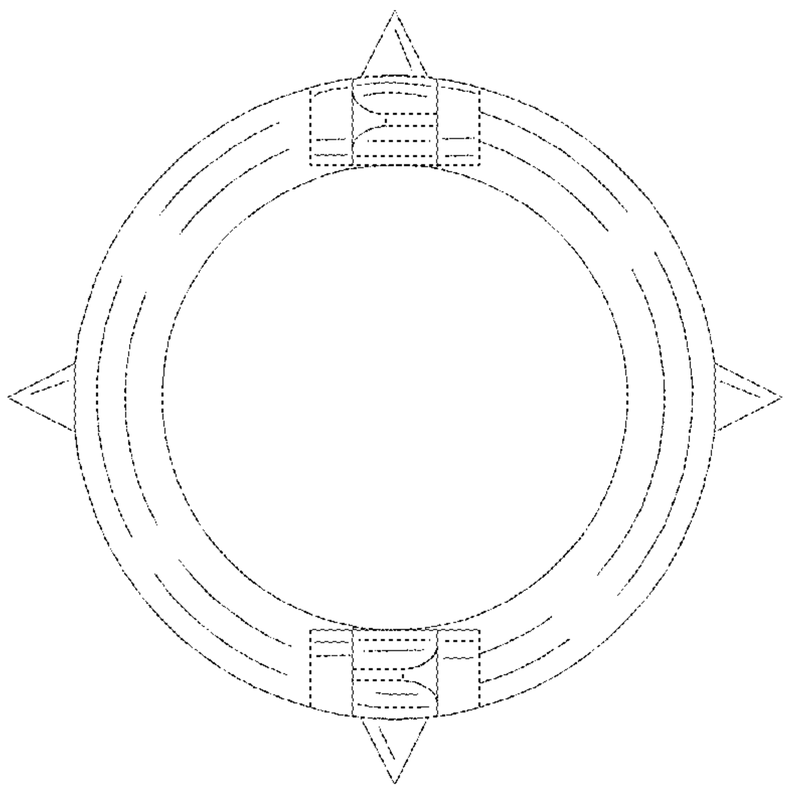

FIG. 8

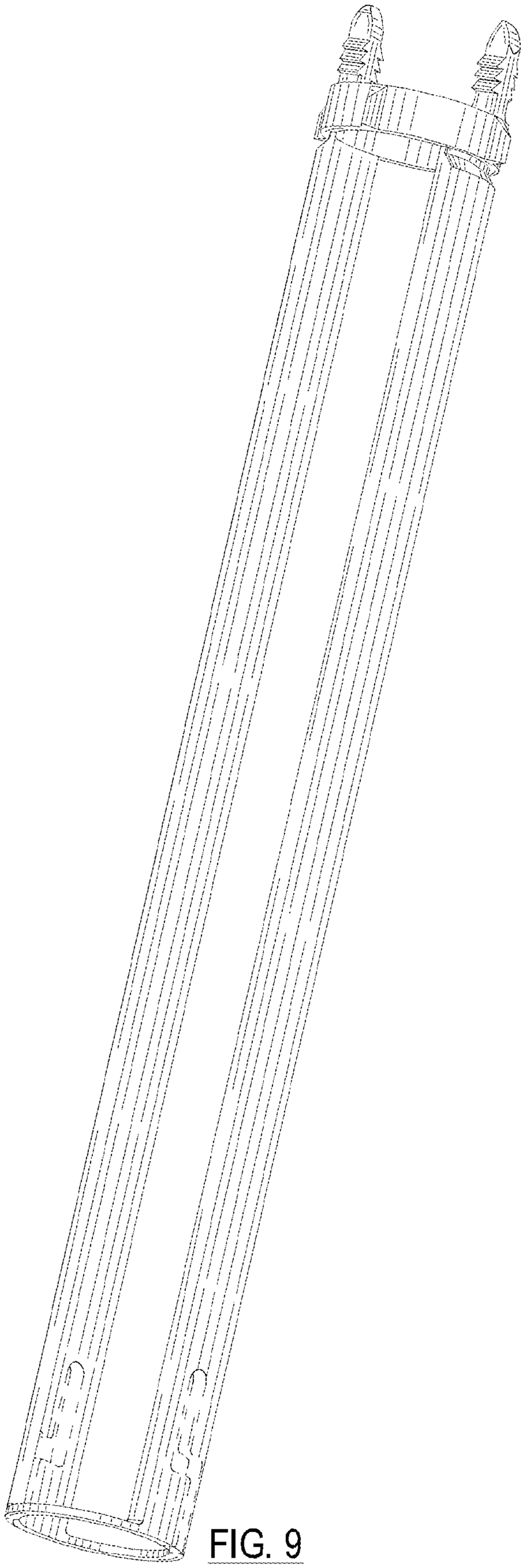

FIG. 9

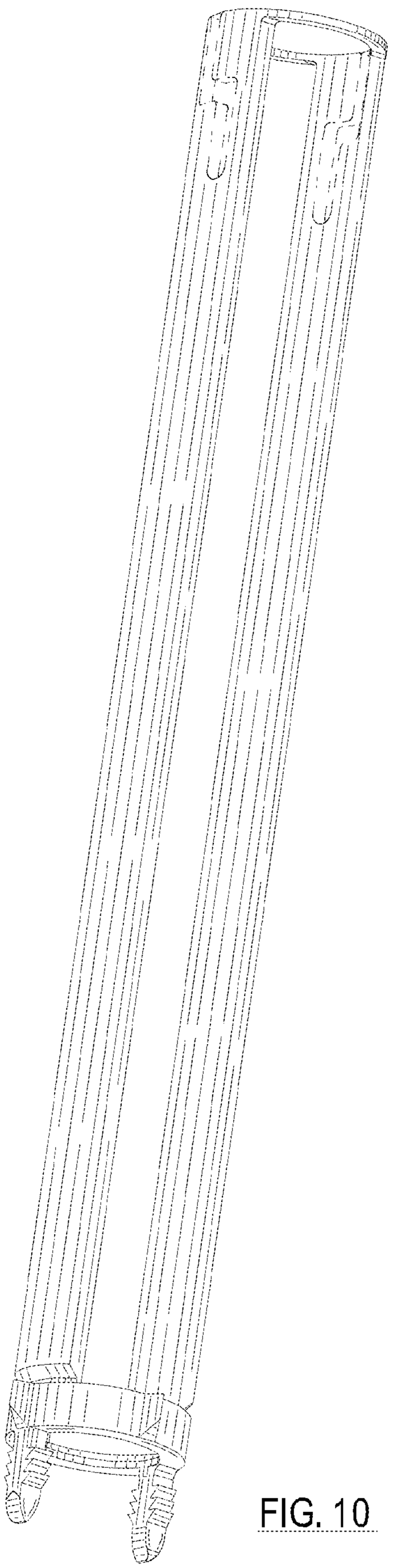

FIG. 10

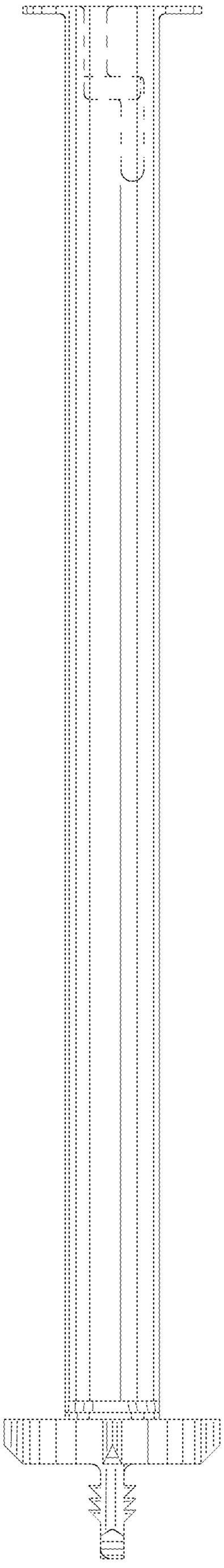

FIG. 11

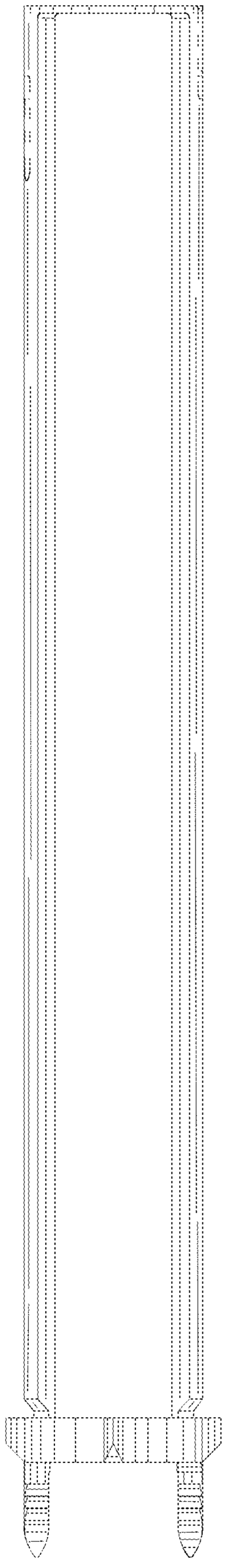

FIG. 12

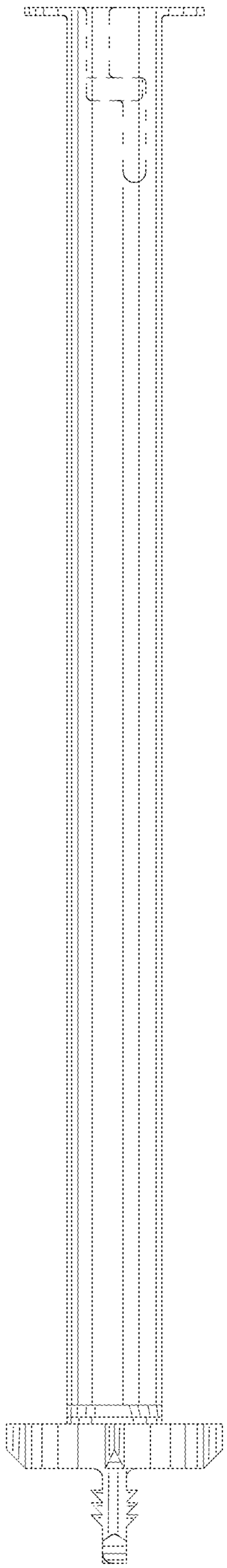

FIG. 13

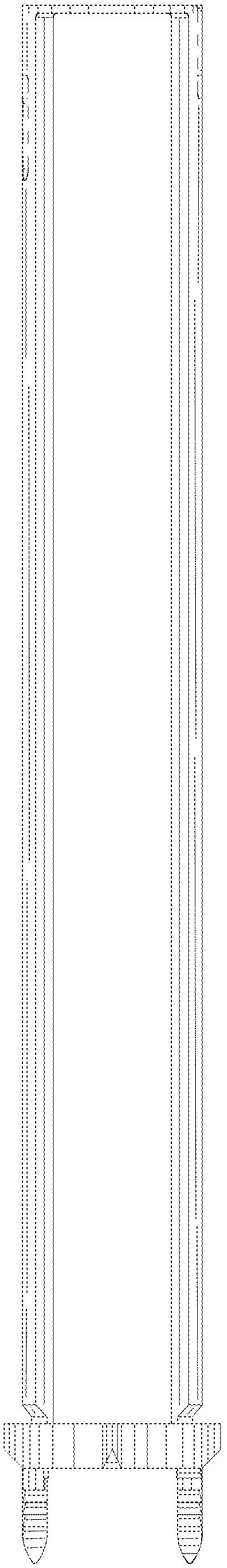

FIG. 14

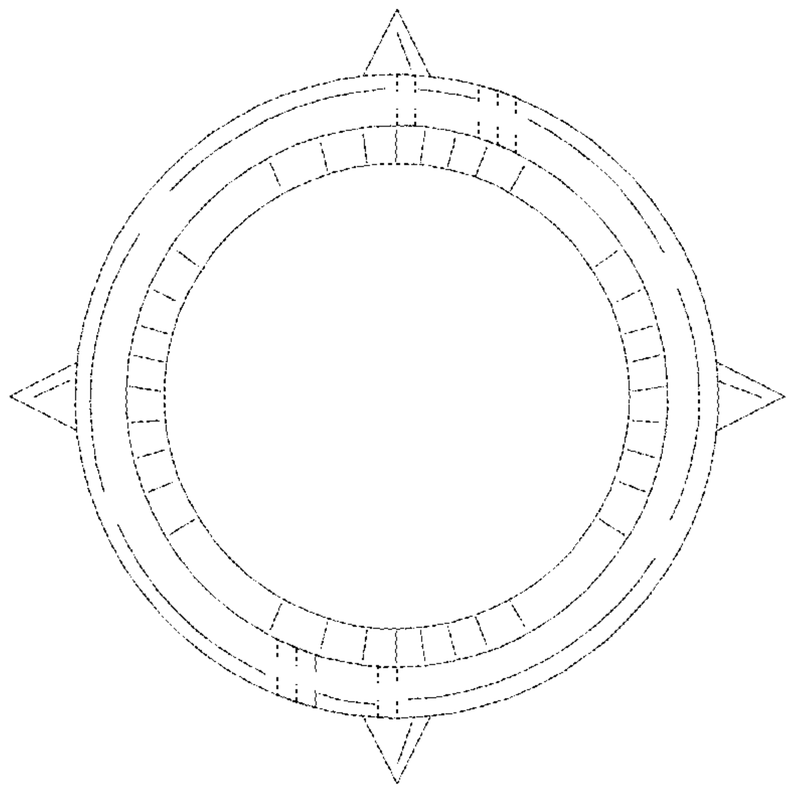

FIG. 15

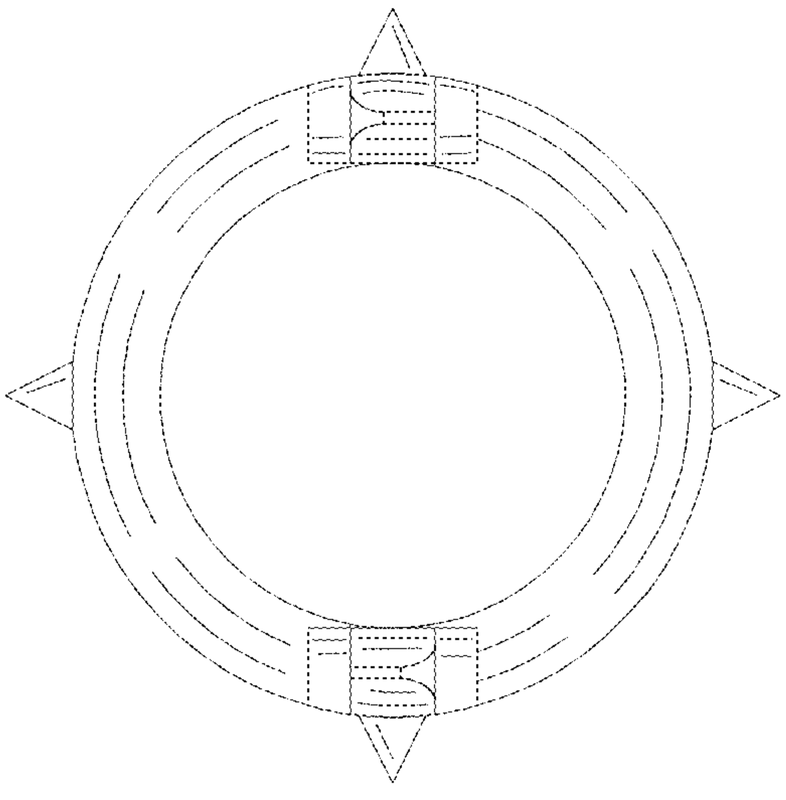

FIG. 16

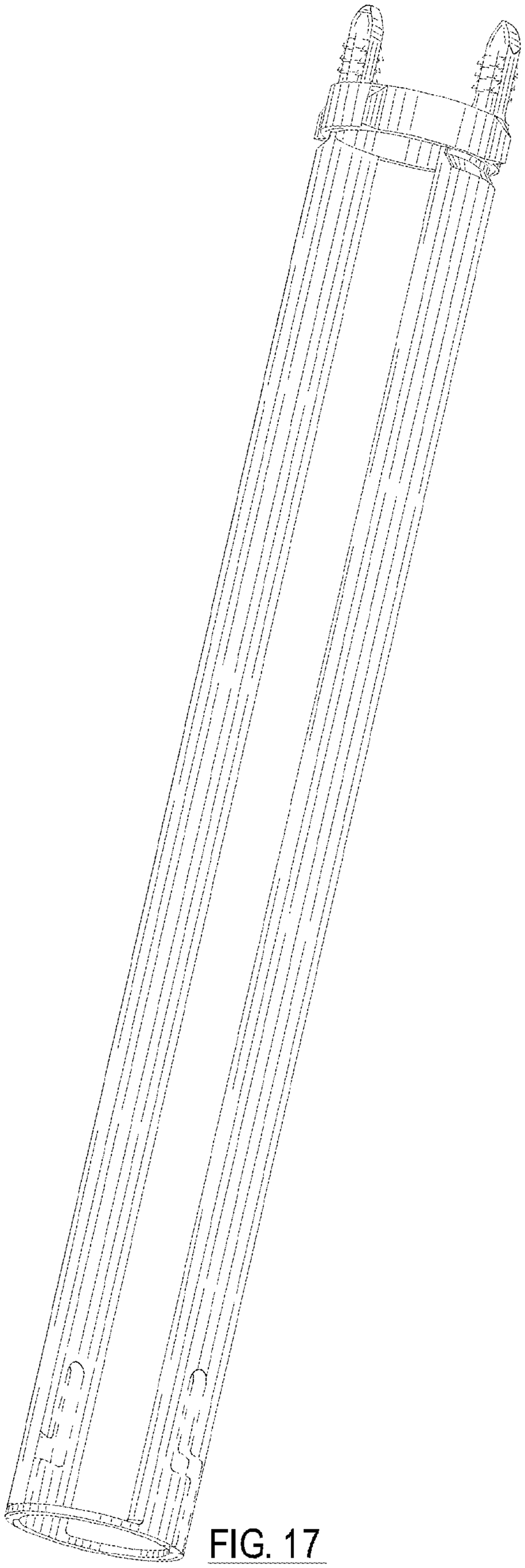

FIG. 17

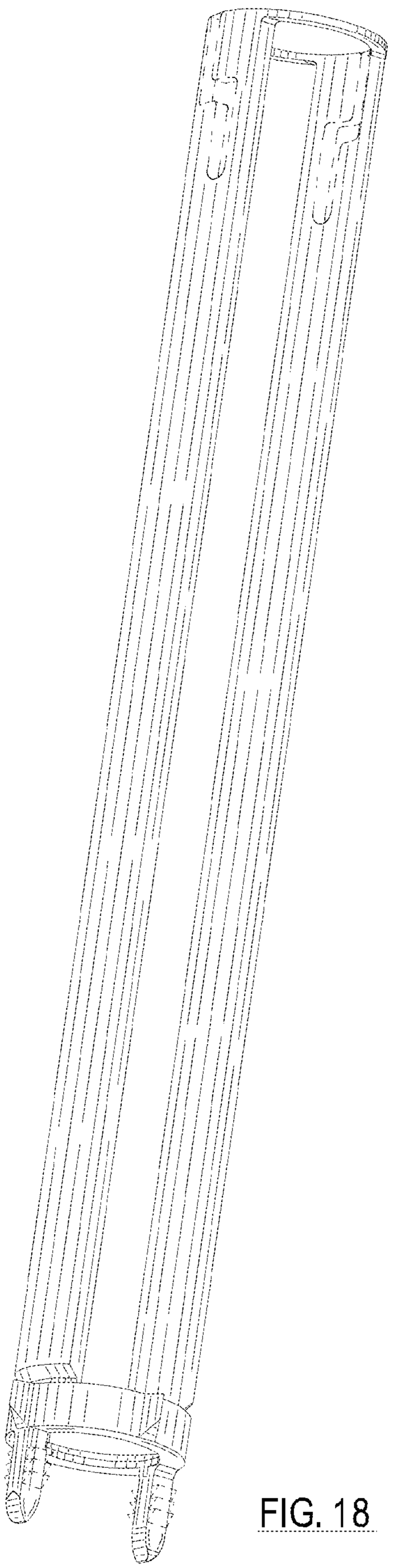

FIG. 18

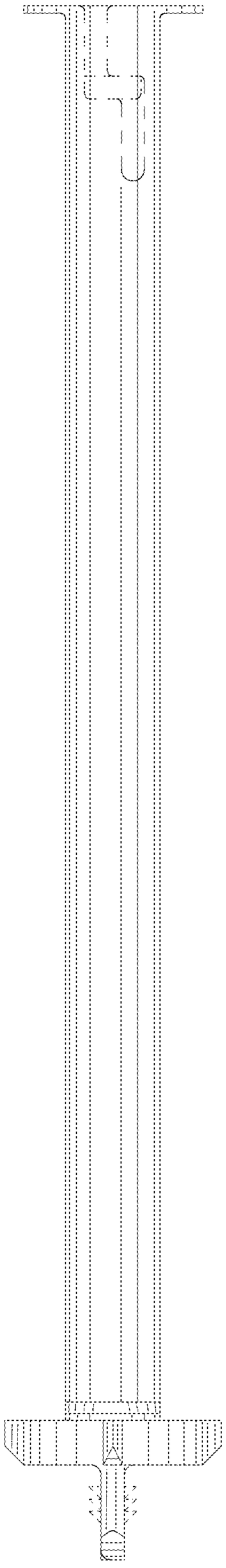

FIG. 19

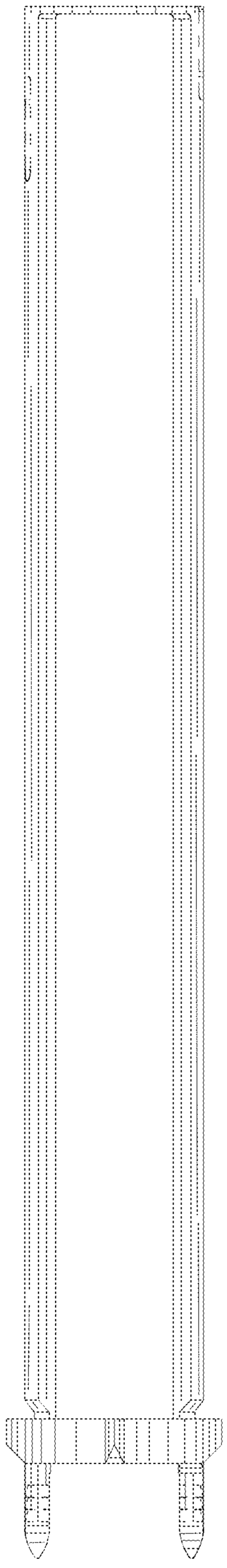

FIG. 20

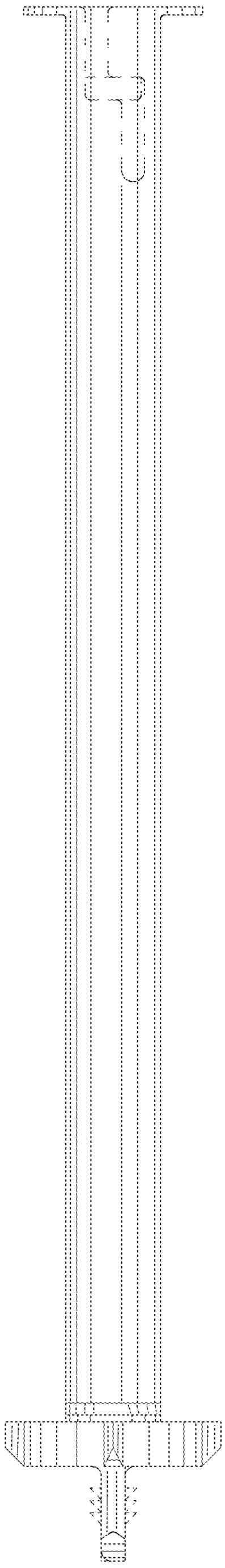

FIG. 21

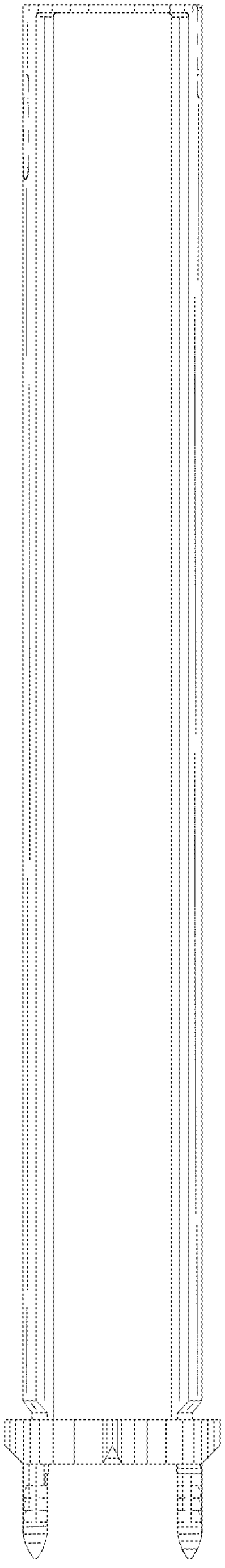

FIG. 22

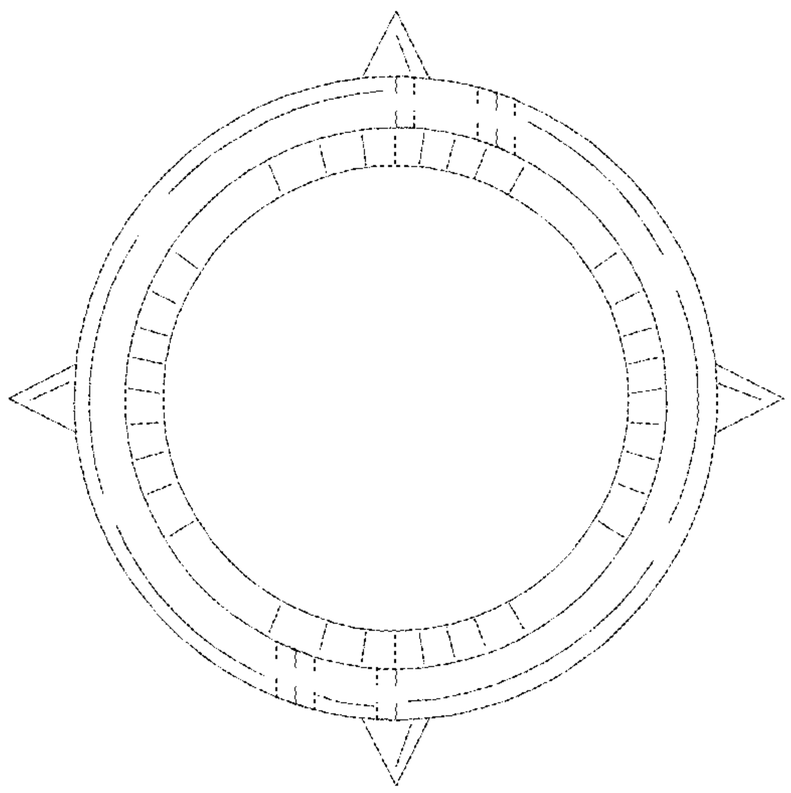

FIG. 23

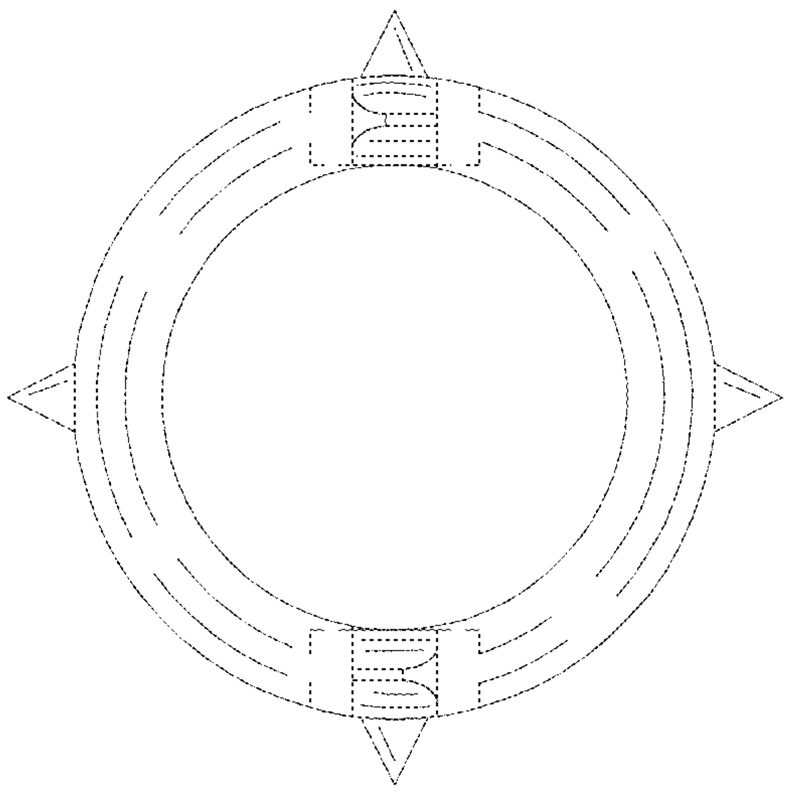

FIG. 24

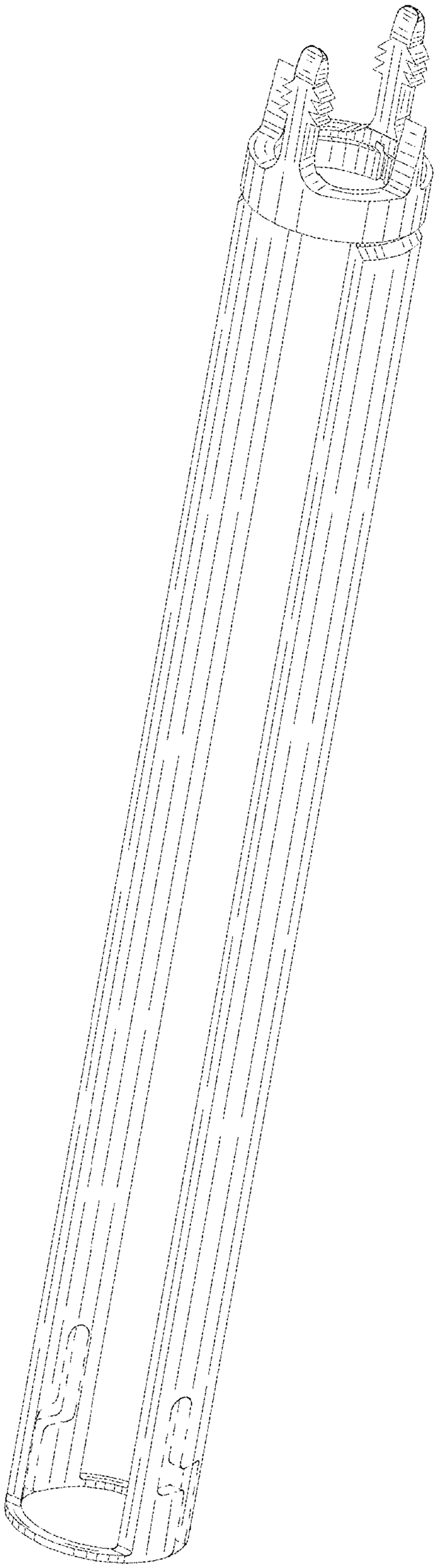

FIG. 25

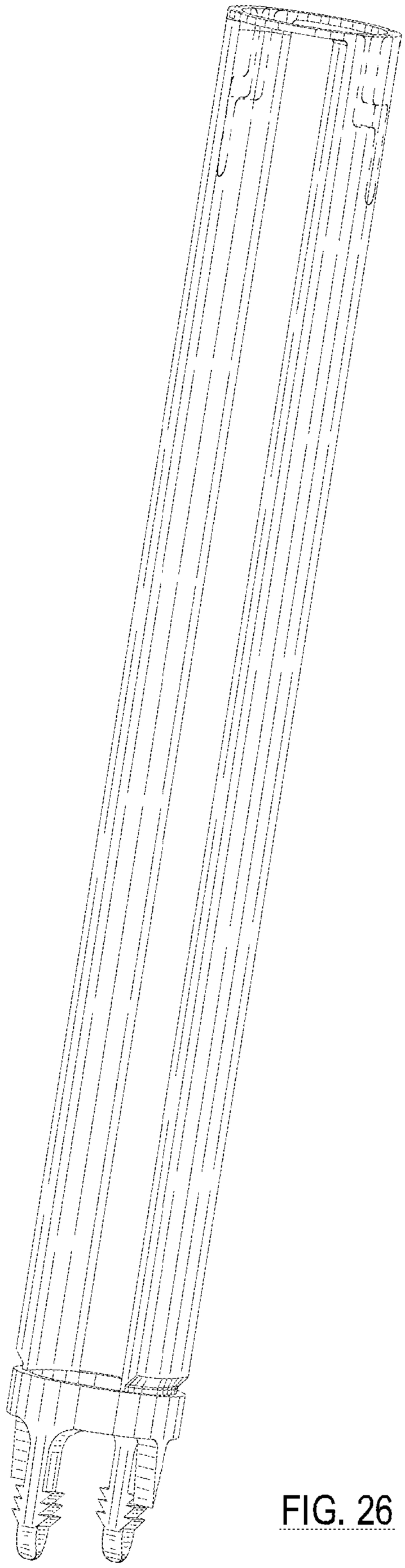

FIG. 26

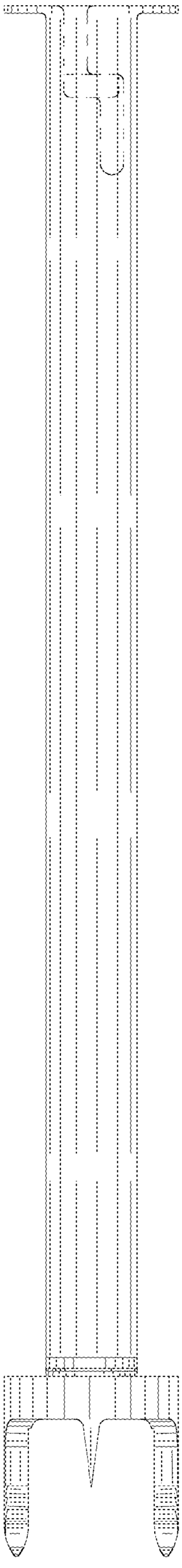

FIG. 27

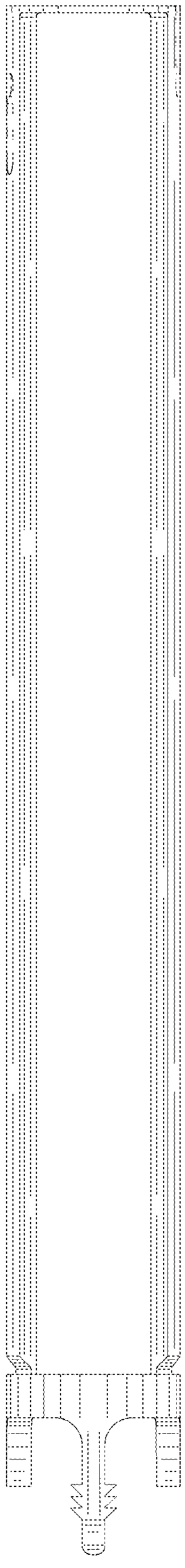

FIG. 28

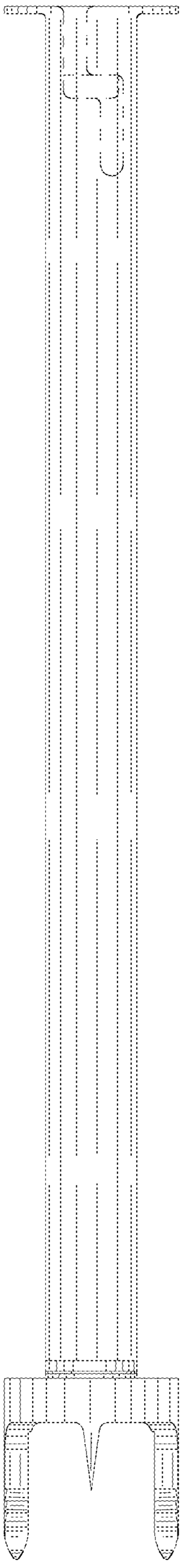

FIG. 29

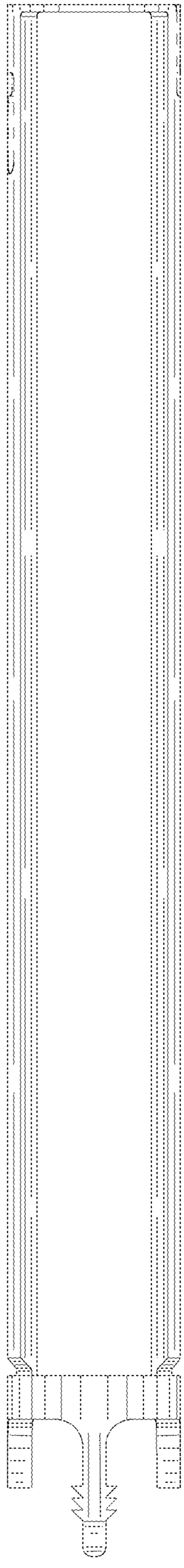

FIG. 30

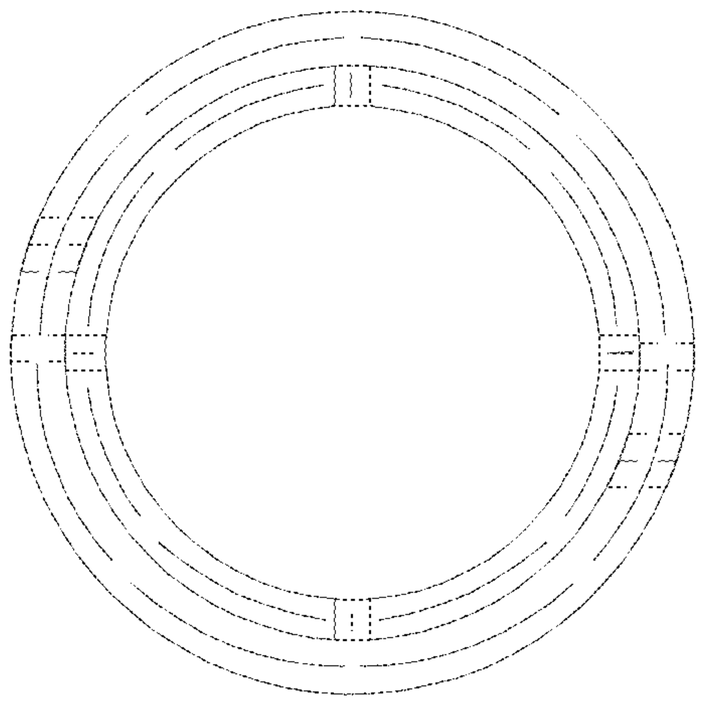

FIG. 31

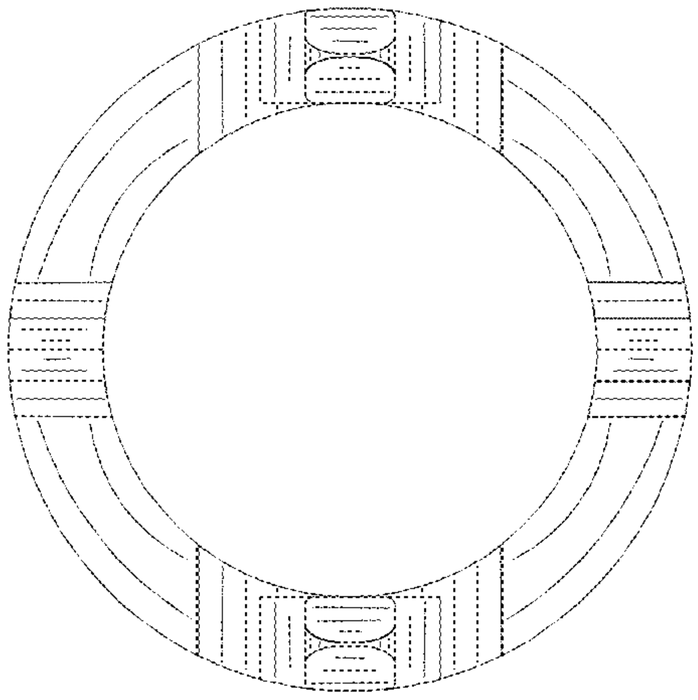

FIG. 32

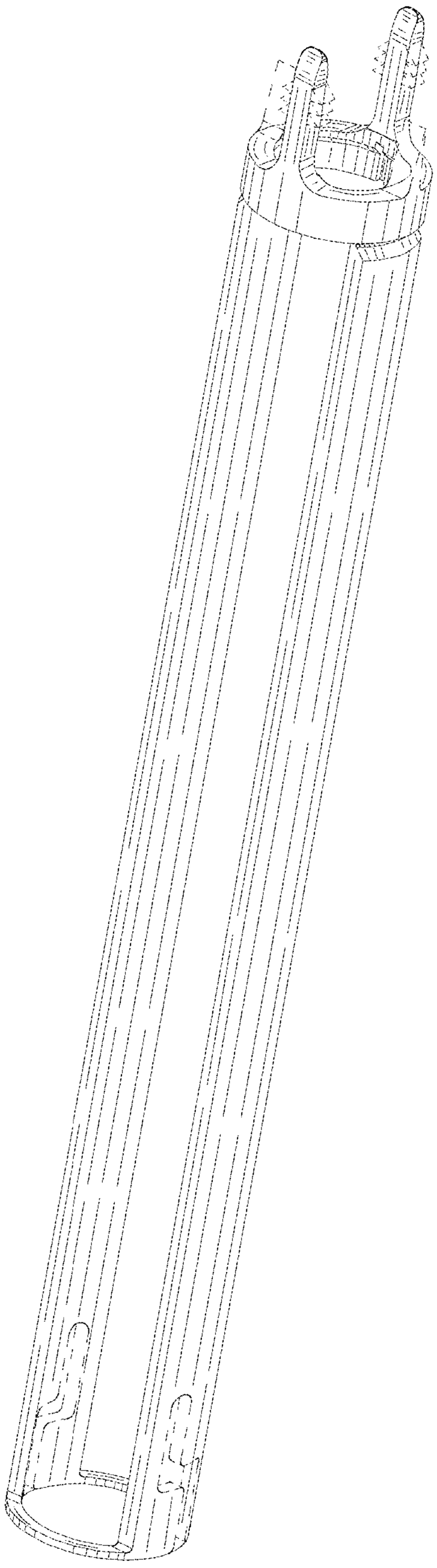

FIG. 33

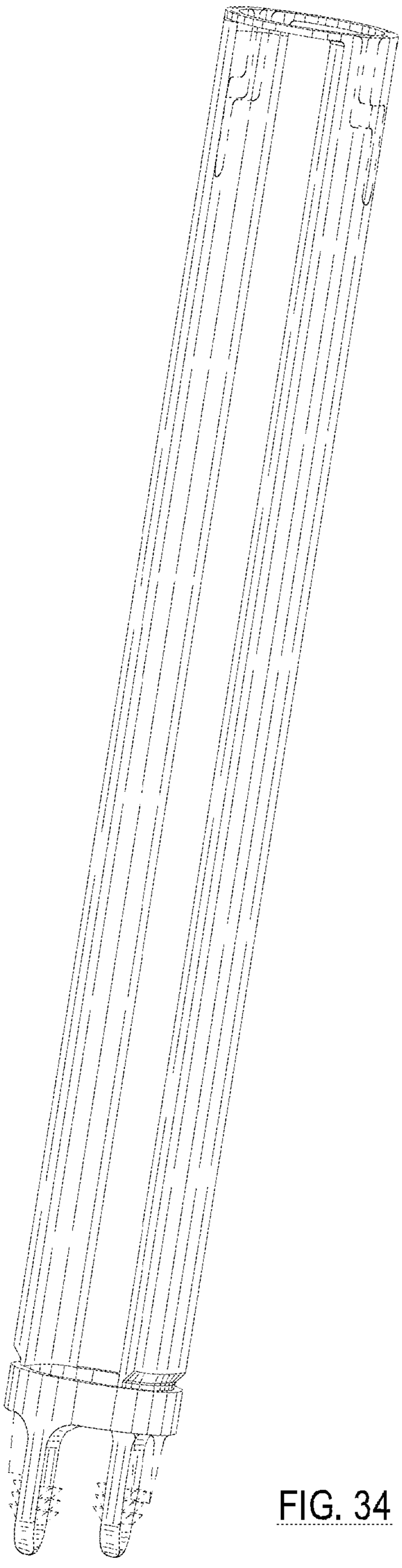

FIG. 34

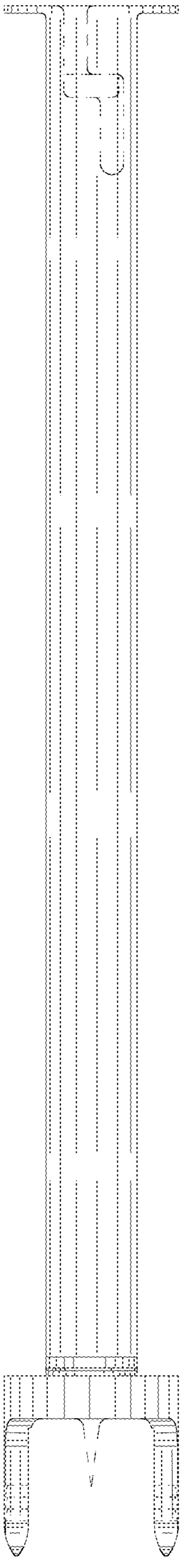

FIG. 35

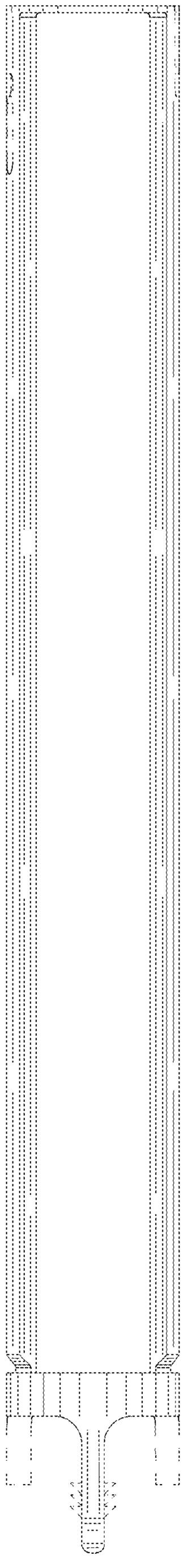

FIG. 36

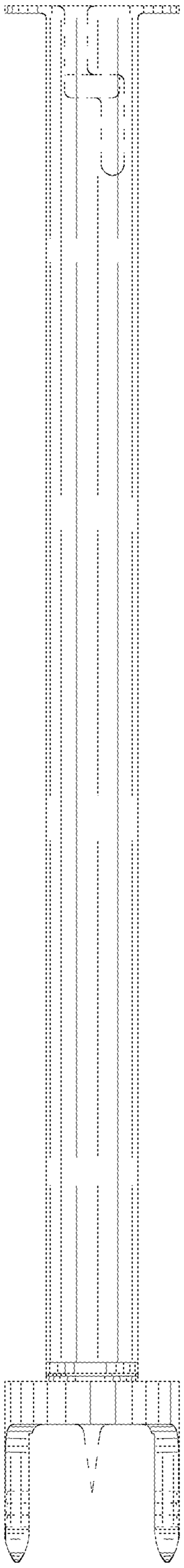

FIG. 37

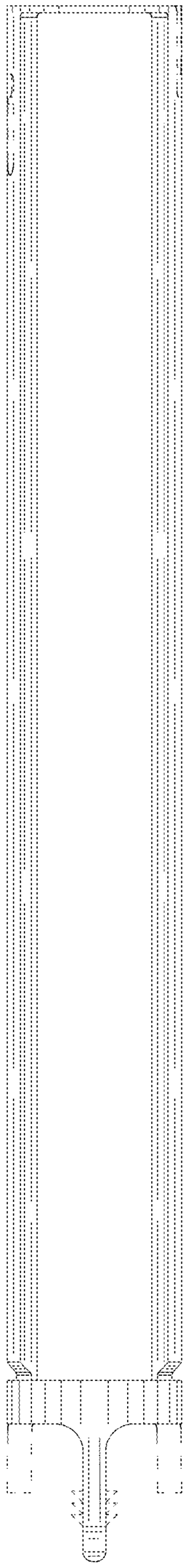

FIG. 38

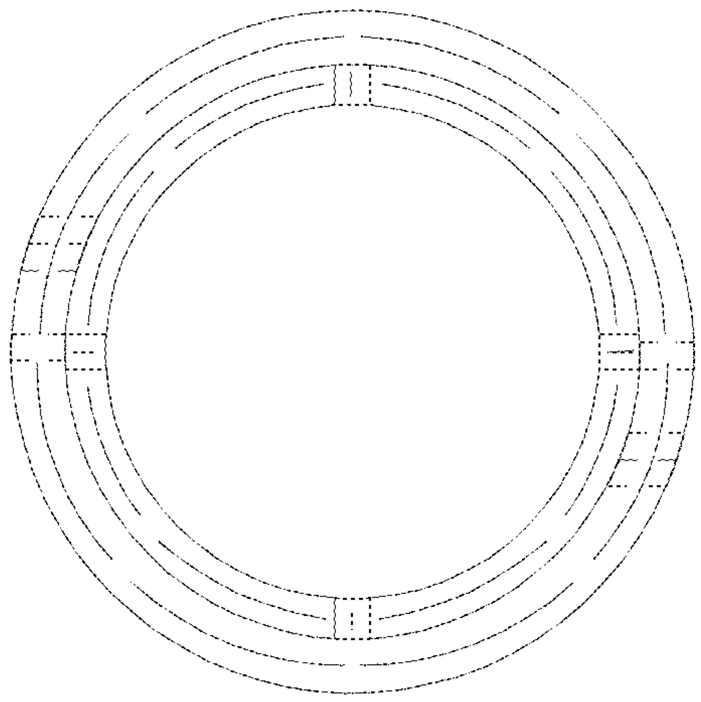

FIG. 39

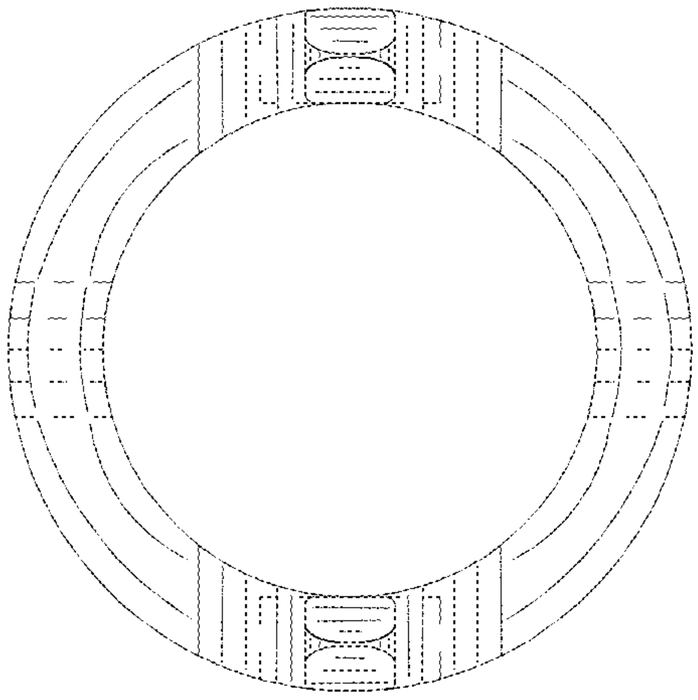

FIG. 40