



US00D854152S

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

(10) **Patent No.:** **US D854,152 S**  
(45) **Date of Patent:** **\*\* Jul. 16, 2019**

(54) **SURGICAL STAPLER**

(71) Applicant: **Ethicon LLC**, Guaynabo, PR (US)

(72) Inventors: **Christopher C. Miller**, Loveland, OH (US); **Frederick E. Shelton, IV**, Hillsboro, OH (US)

(73) Assignee: **Ethicon LLC**, Guaynabo, PR (US)

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

(21) Appl. No.: **29/660,436**

(22) Filed: **Aug. 21, 2018**

**Related U.S. Application Data**

(62) Division of application No. 29/584,327, filed on Nov. 14, 2016, now Pat. No. Des. 830,550.

(51) **LOC (11) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/145**

(58) **Field of Classification Search**  
USPC ..... D24/145  
CPC . A61B 17/068; A61B 17/105; A61B 17/1155;  
A61B 17/115  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

7,168,604	B2 *	1/2007	Milliman	.....	A61B 17/115 227/175.1
7,364,060	B2 *	4/2008	Milliman	.....	A61B 17/068 227/175.1
8,453,906	B2 *	6/2013	Huang	.....	A61B 17/1155 227/175.2
D700,325	S *	2/2014	Nalagatla	.....	D24/145
9,757,133	B2 *	9/2017	Latimer	.....	A61B 17/105
2015/0366562	A1 *	12/2015	Williams	.....	A61B 17/1155 227/175.1

2016/0242785	A1 *	8/2016	Prior	.....	A61B 17/115
2016/0374665	A1 *	12/2016	DiNardo	.....	A61B 17/068 227/175.2
2016/0374669	A1 *	12/2016	Overmyer	.....	A61B 17/068 227/176.1

(Continued)

*Primary Examiner* — Wan Laymon

(74) *Attorney, Agent, or Firm* — Frost Brown Todd LLC

(57) **CLAIM**

The ornamental design for a surgical stapler, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a surgical stapler, showing our new design;

FIG. 2 is an enlarged perspective view of a distal portion of the surgical stapler of FIG. 1;

FIG. 3 is a rear perspective view of the surgical stapler of FIG. 1;

FIG. 4 is a right elevational view of the surgical stapler of FIG. 1;

FIG. 5 is an enlarged plan view of a distal portion of the surgical stapler of FIG. 1, viewed from the plane 5-5 of FIG. 4;

FIG. 6 is an enlarged right elevational view of a distal portion of the surgical stapler of FIG. 1;

FIG. 7 is a left elevational view of the surgical stapler of FIG. 1;

FIG. 8 is a front elevational view of the surgical stapler of FIG. 1;

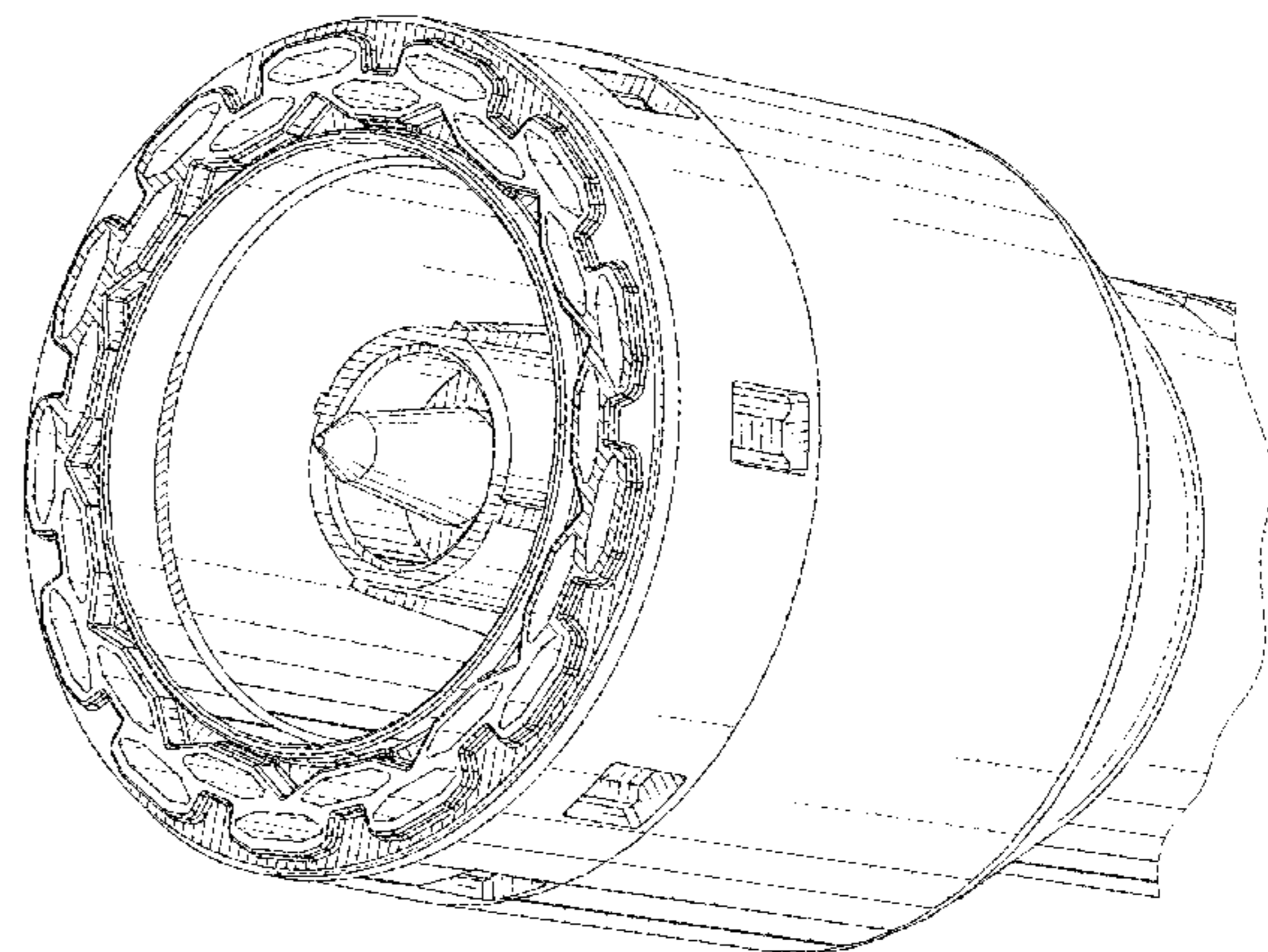
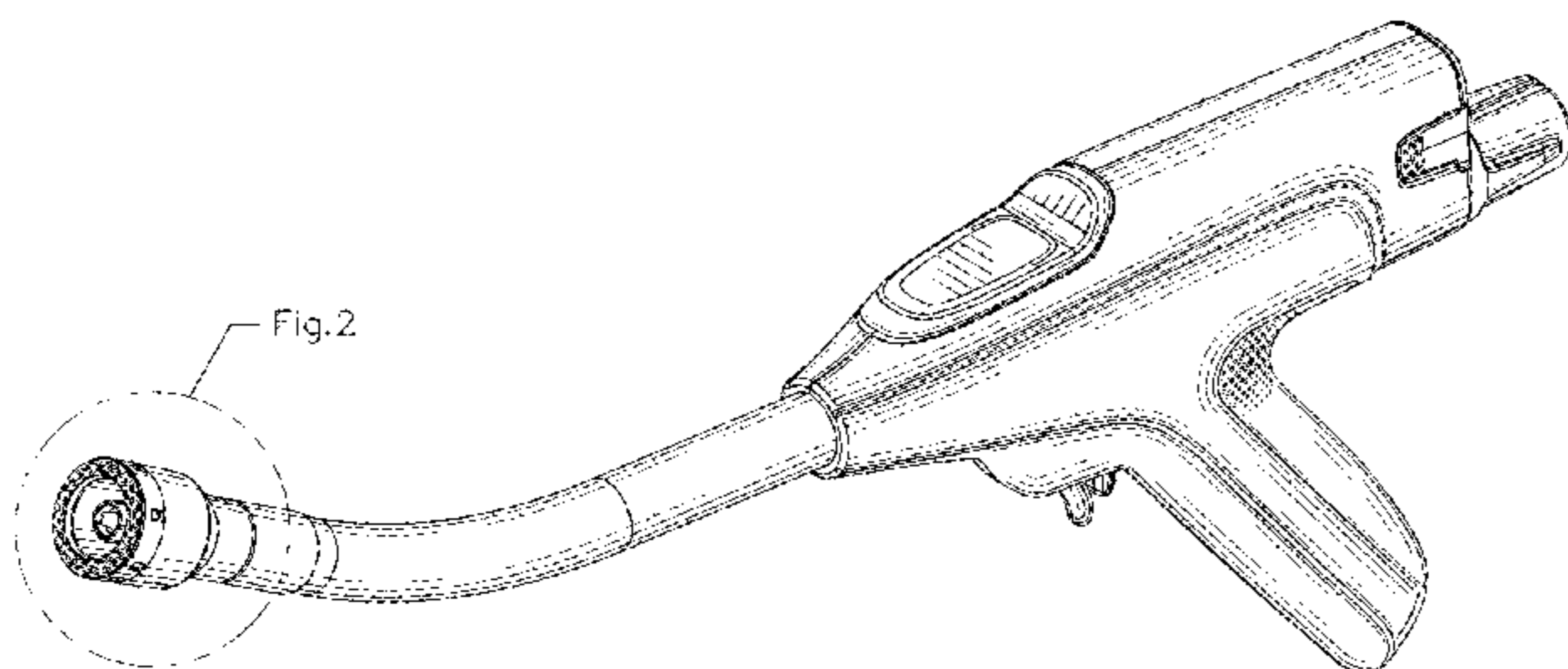
FIG. 9 is a rear elevational view of the surgical stapler of FIG. 1;

FIG. 10 is a top plan view of the surgical stapler of FIG. 1; and,

FIG. 11 is a bottom plan view of the surgical stapler of FIG. 1.

The broken lines shown in the figures are included for the purpose of illustrating portions of the surgical stapler and form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2017/0086822 A1\* 3/2017 Scheib ..... A61B 17/1155  
2017/0258471 A1\* 9/2017 DiNardo ..... A61B 17/068  
2018/0132848 A1\* 5/2018 Miller ..... A61B 17/1155

\* cited by examiner

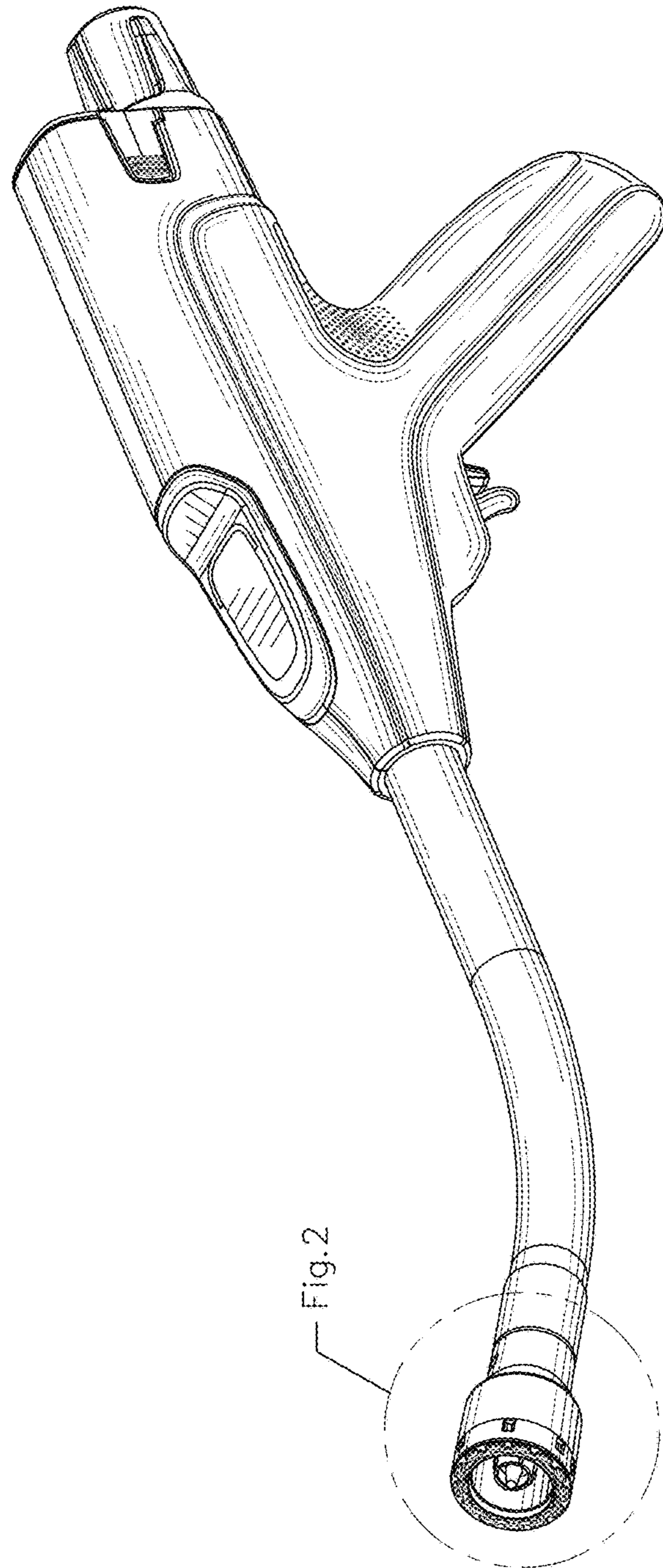


Fig. 1

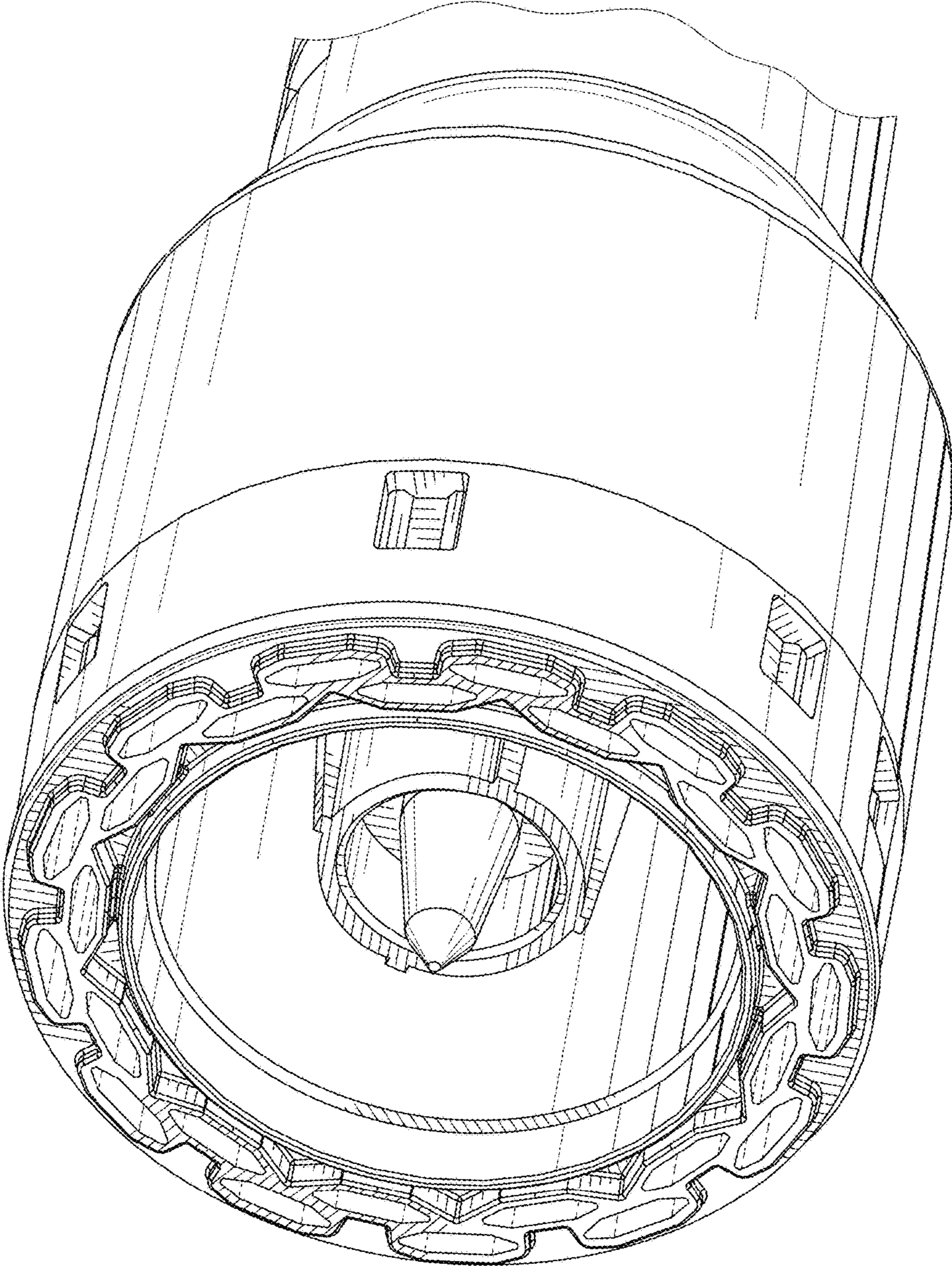


Fig.2

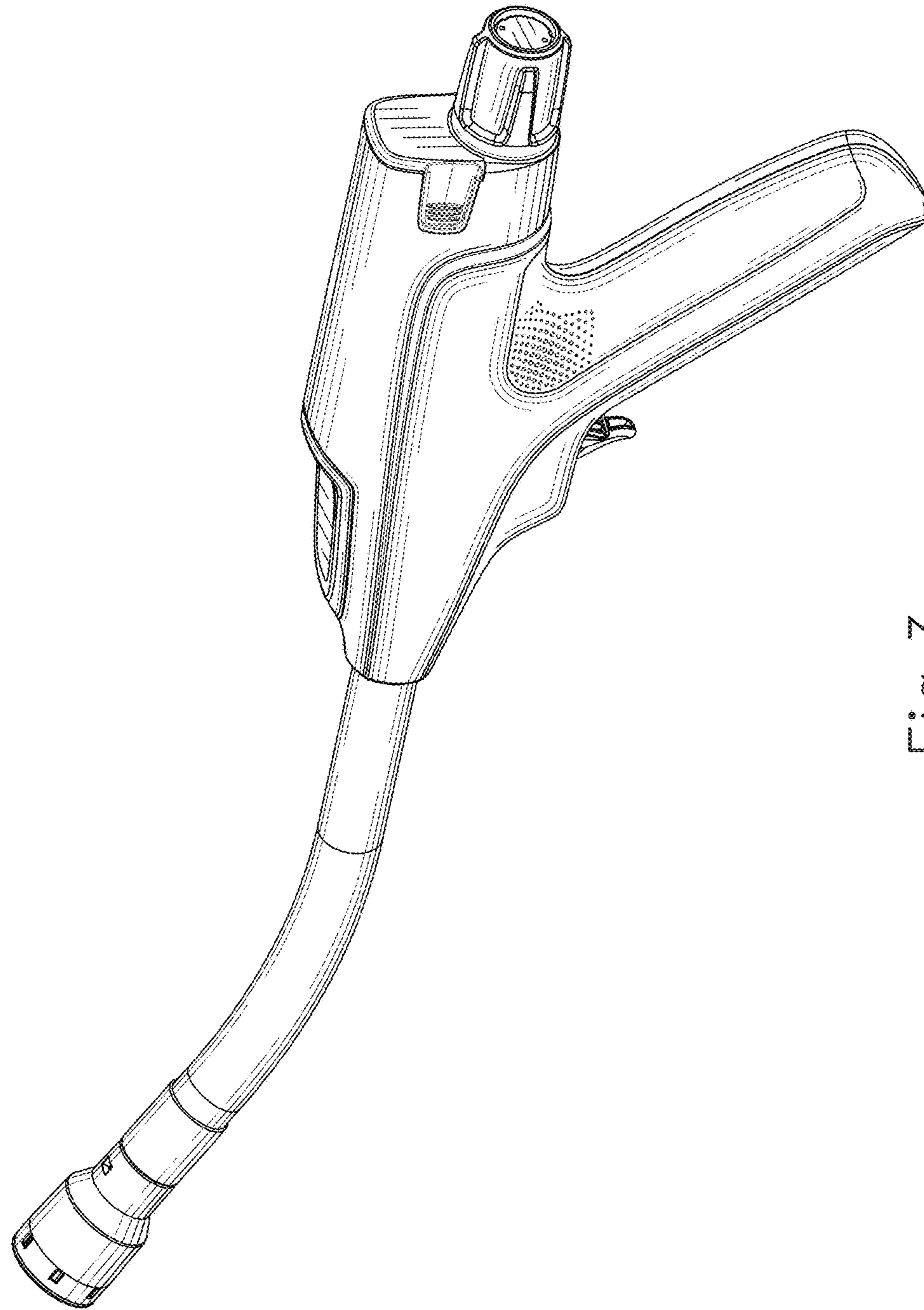


Fig. 3

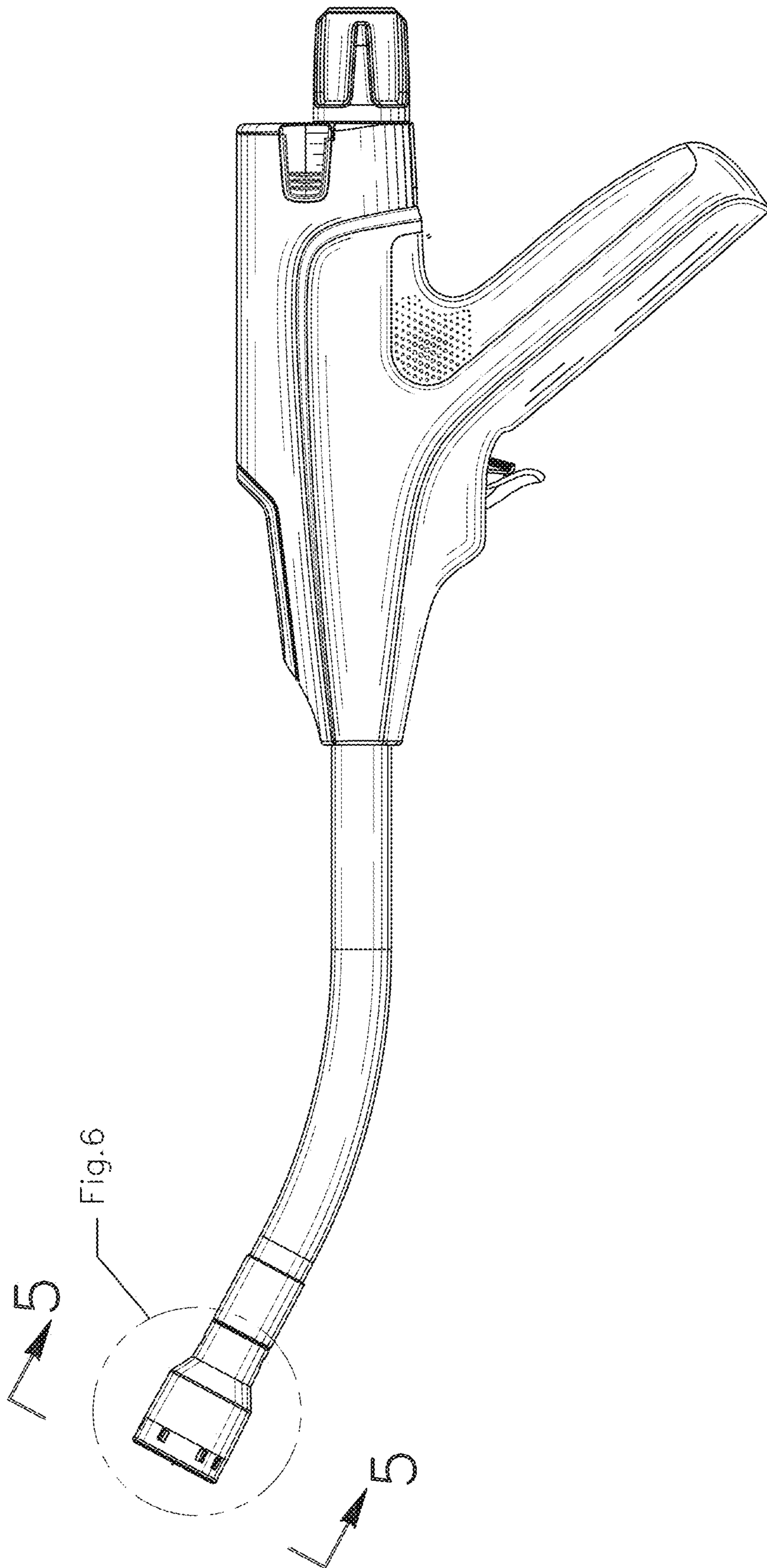


Fig. 4

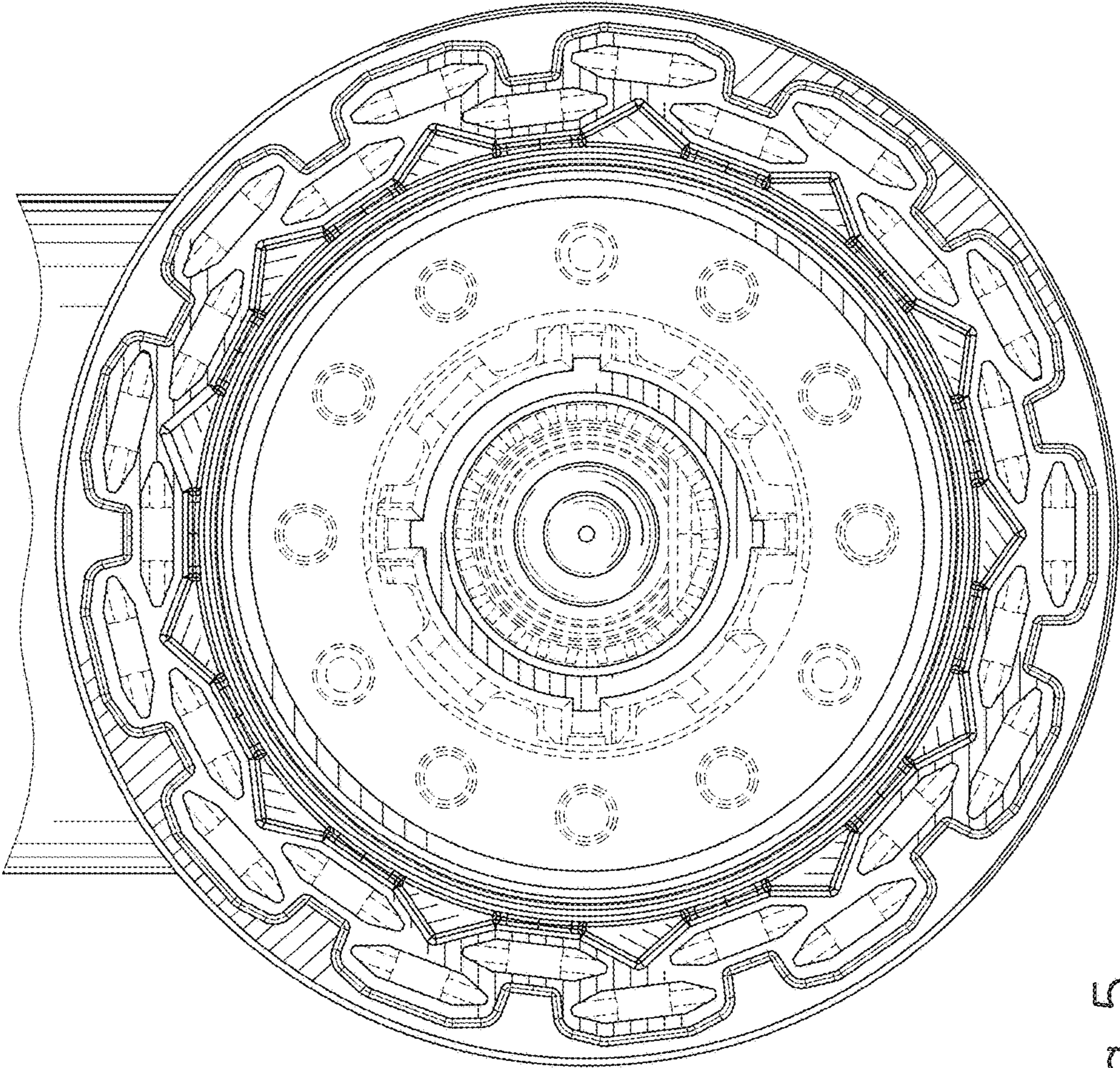


Fig. 5

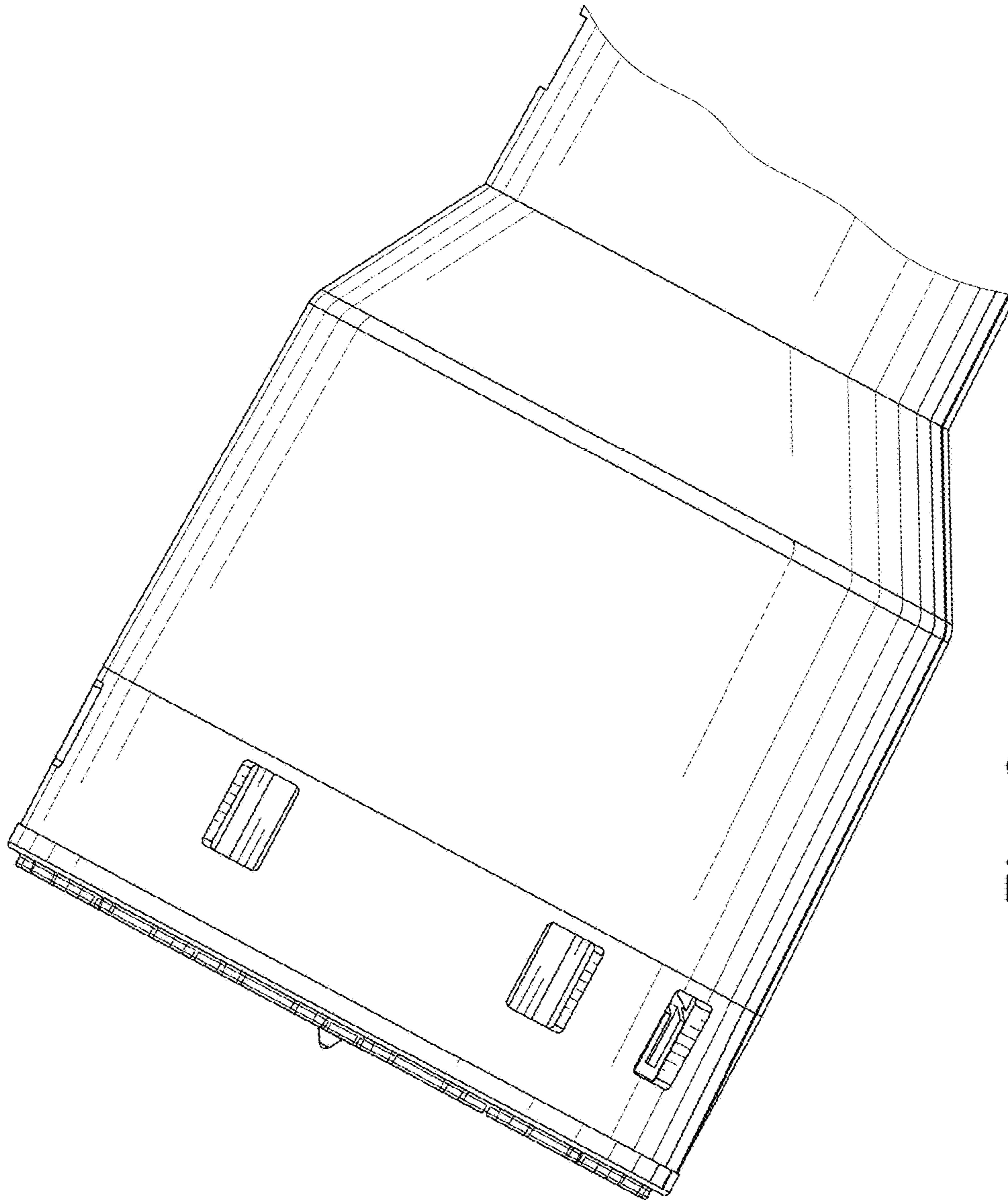


Fig.6



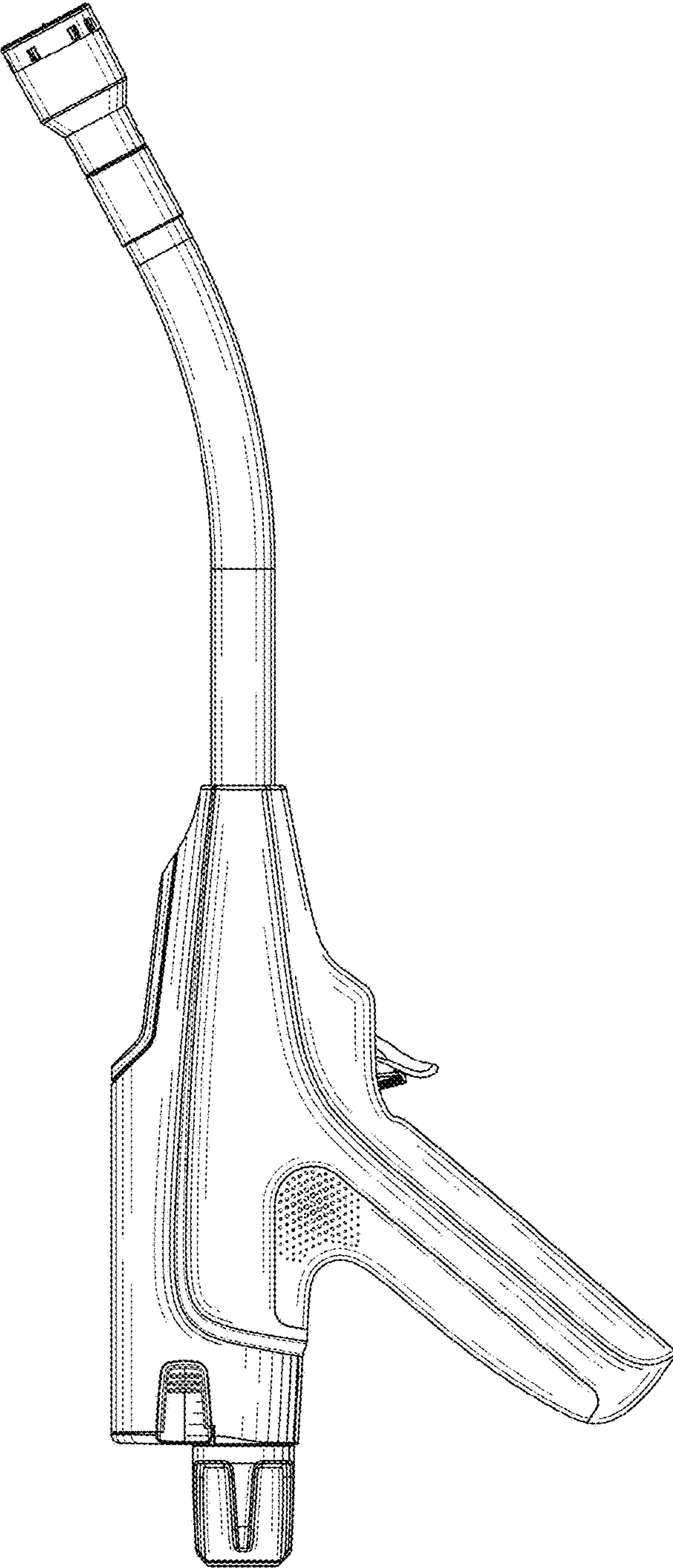


Fig. 7

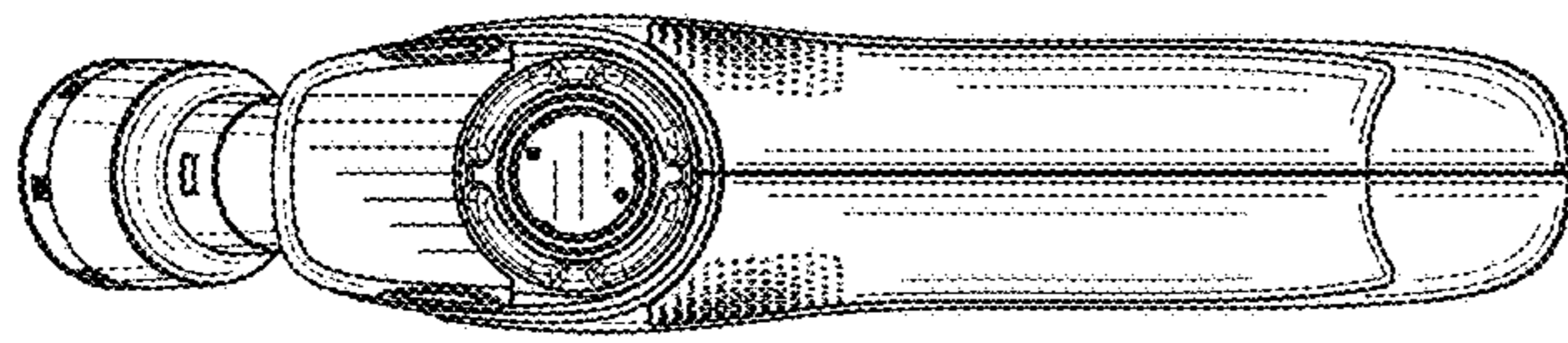


Fig. 9

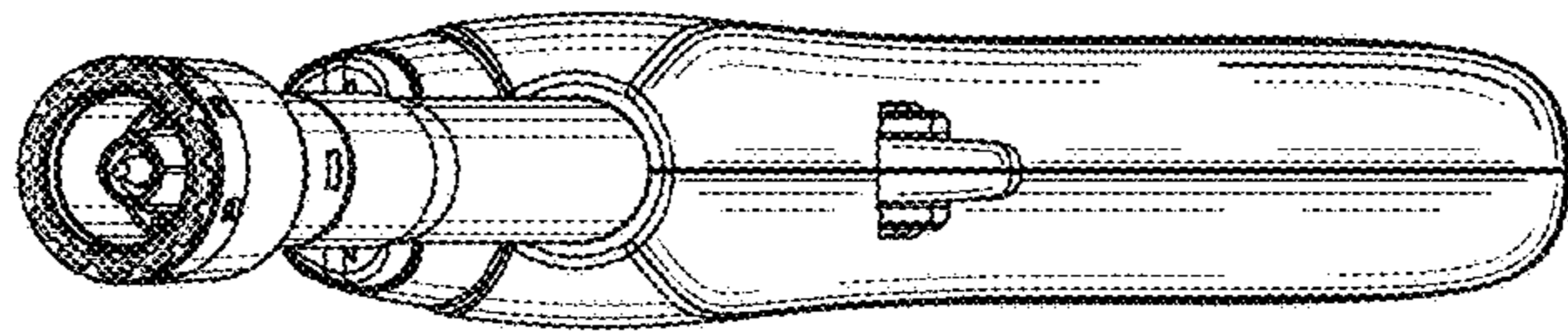


Fig. 8

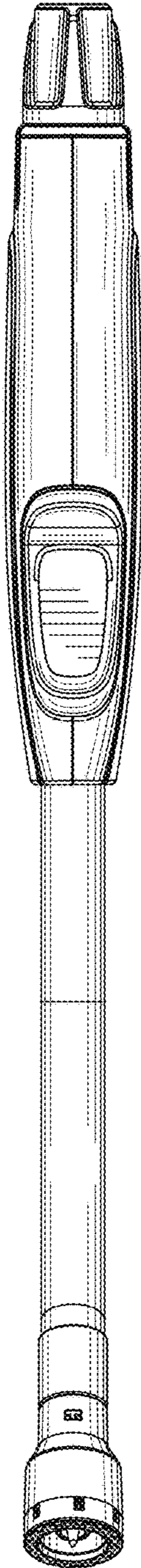


Fig. 10

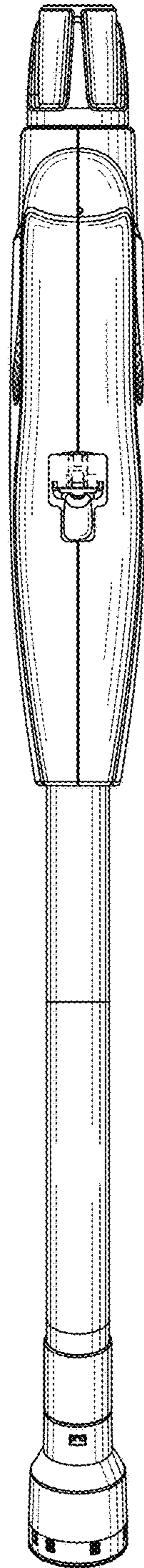


Fig. 11