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

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(45) **Date of Patent:** **** Aug. 18, 2020**

(54) **SURGICAL STAPLER**

Primary Examiner — Wan Laymon

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(57) **CLAIM**

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

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

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

(21) Appl. No.: **29/647,860**

(22) Filed: **May 16, 2018**

(51) **LOC (12) Cl.** **24-02**

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

(58) **Field of Classification Search**
USPC D24/145; 606/219; 227/175.1, 179.1
(Continued)

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of a surgical stapler embodying our new design; FIG. 2 is a top view of the surgical stapler of FIG. 1; FIG. 3 is a first side view of the surgical stapler of FIG. 1; FIG. 4 is a bottom view of the surgical stapler of FIG. 1; FIG. 5 is a second side view of the surgical stapler of FIG. 1; FIG. 6 is a front view of the surgical stapler of FIG. 1; FIG. 7 is a back view of the surgical stapler of FIG. 1; FIG. 8 is a perspective view of a second embodiment of a surgical stapler embodying our new design; FIG. 9 is a top view of the surgical stapler of FIG. 8; FIG. 10 is a first side view of the surgical stapler of FIG. 8; FIG. 11 is a bottom view of the surgical stapler of FIG. 8; FIG. 12 is a second side view of the surgical stapler of FIG. 8; FIG. 13 is a front view of the surgical stapler of FIG. 8; FIG. 14 is a back view of the surgical stapler of FIG. 8; FIG. 15 is a perspective view of a third embodiment of a surgical stapler embodying our new design; FIG. 16 is a top view of the surgical stapler of FIG. 15; FIG. 17 is a first side view of the surgical stapler of FIG. 15; FIG. 18 is a bottom view of the surgical stapler of FIG. 15; FIG. 19 is a second side view of the surgical stapler of FIG. 15; FIG. 20 is a front view of the surgical stapler of FIG. 15; and, FIG. 21 is a back view of the surgical stapler of FIG. 15. The broken lines shown herein are included for the purpose of illustrating an environment of the article and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

7,168,604 B2 * 1/2007 Milliman A61B 17/115
227/175.1
7,900,806 B2 * 3/2011 Chen A61B 17/068
227/175.1

(Continued)

FOREIGN PATENT DOCUMENTS

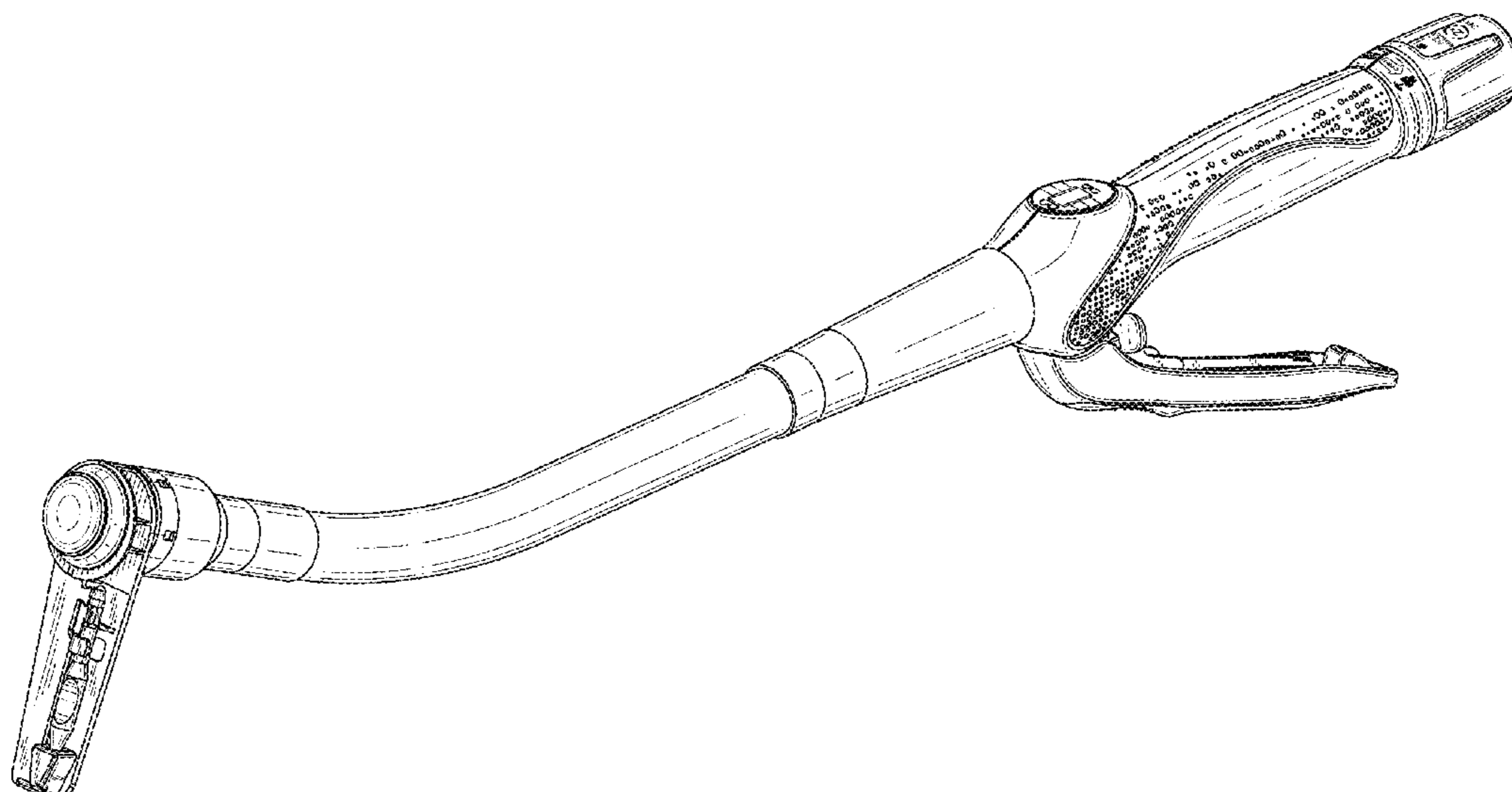
CN 3657881 6/2007
CN 3657882 6/2007

OTHER PUBLICATIONS

Japanese Search Report, dated Sep. 24, 2019, for Design Application 2019-009018 (2 pages).

(Continued)

1 Claim, 12 Drawing Sheets



(58) **Field of Classification Search**
 CPC A61B 17/064; A61B 17/068; A61B
 17/07207; A61B 17/105; A61B 17/115;
 A61B 17/1155
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D680,646	S *	4/2013	Hunt	.....	D24/145
D681,202	S *	4/2013	Hunt	.....	D24/145
8,453,906	B2 *	6/2013	Huang	.....	A61B 17/1155 227/175.2
D685,472	S *	7/2013	Hunt	.....	D24/145
9,022,274	B2 *	5/2015	Penna	.....	A61B 17/115 227/175.1
9,445,816	B2 *	9/2016	Swayze	.....	A61B 17/1155
9,572,573	B2 *	2/2017	Scheib	.....	A61B 17/1155
9,597,082	B2 *	3/2017	Stokes	.....	A61B 17/1155
D830,550	S	10/2018	Miller et al.		
D837,373	S *	1/2019	Miller	.....	D24/145
D851,249	S *	6/2019	Fox	.....	D24/145
2011/0114700	A1 *	5/2011	Baxter, III	.....	A61B 17/1155 227/179.1
2012/0012636	A1 *	1/2012	Beckman	.....	A61B 17/07207 227/175.1
2013/0206816	A1 *	8/2013	Penna	.....	A61B 17/115 227/179.1
2014/0158744	A1 *	6/2014	Patel	.....	A61B 17/115 227/175.1
2014/0158747	A1 *	6/2014	Measamer	.....	A61B 17/1155 227/179.1

OTHER PUBLICATIONS

Japanese Search Report, dated Jan. 7, 2020, for Design Application 2018-024940 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2018-024941 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2018-024942 (1 page).

Japanese Search Report, dated Jan. 7, 2020, for Design Application 2018-024947 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2018-024948 (1 page).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2018-024952 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-008893 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-008894 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-008895 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-008896 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-008897 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-009154 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-009155 (2 pages).
 Japanese Search Report, dated Jan. 1, 2020 for Design Application 2019-009152 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-009017 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-009019 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-008765 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-008766 (2 pages).
 Japanese Search Report, dated Jan. 7, 2019, for Design Application 2019-008767 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-008768 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-008769 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-009014 (2 pages).
 Japanese Search Report, dated Jan. 7, 2020, for Design Application 2019-009015 (2 pages).

* cited by examiner

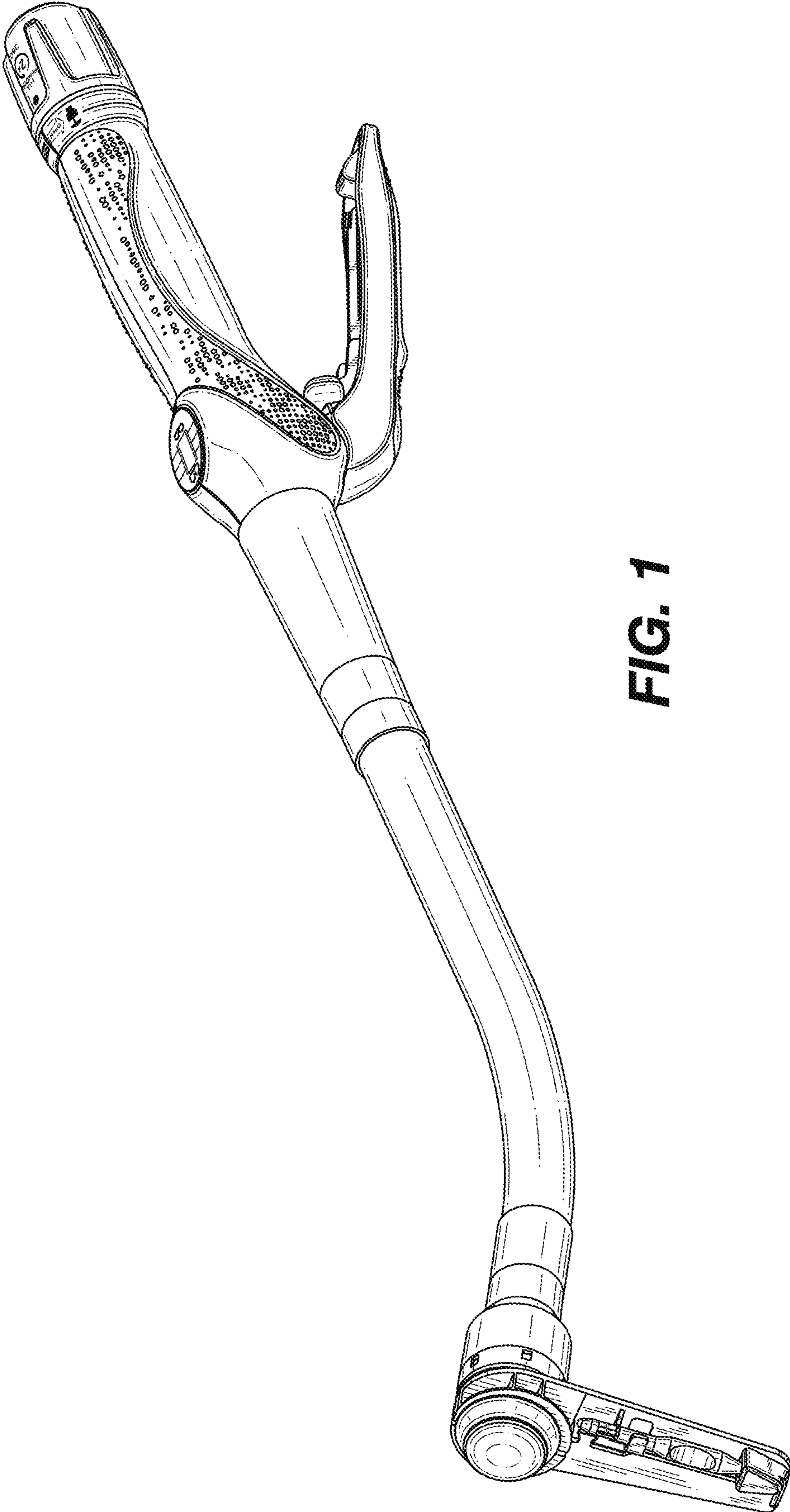


FIG. 1

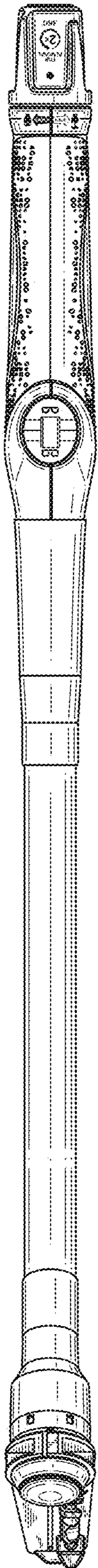


FIG. 2

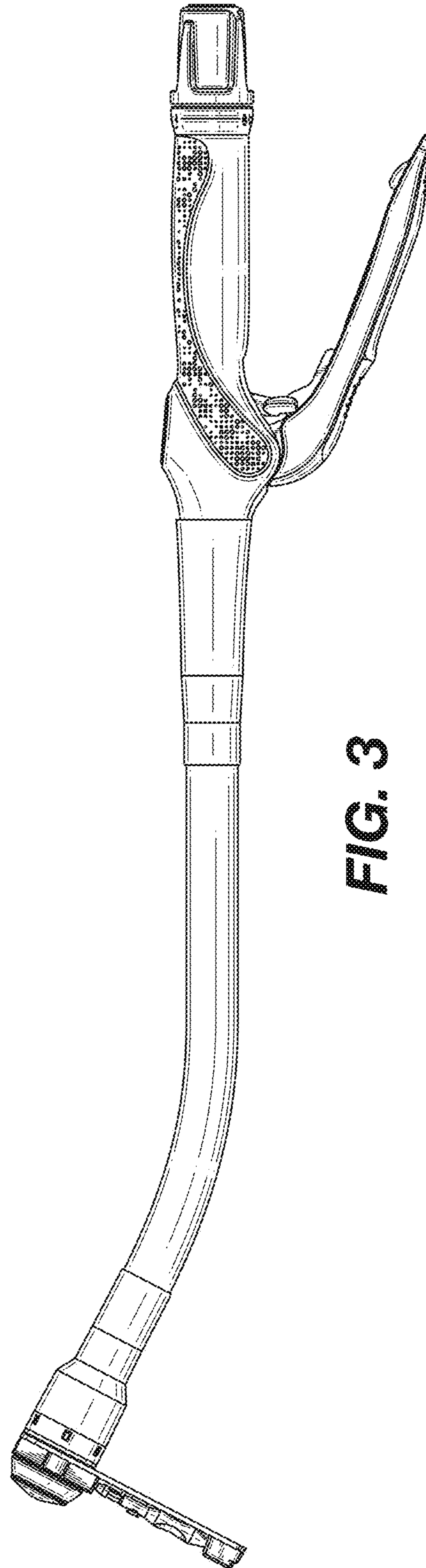


FIG. 3

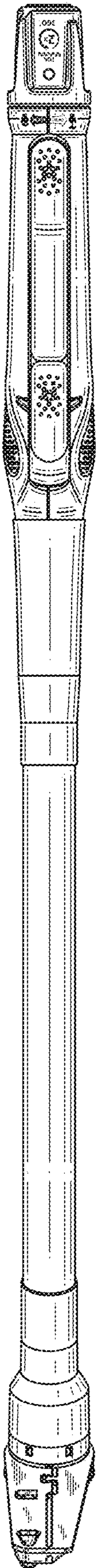


FIG. 4

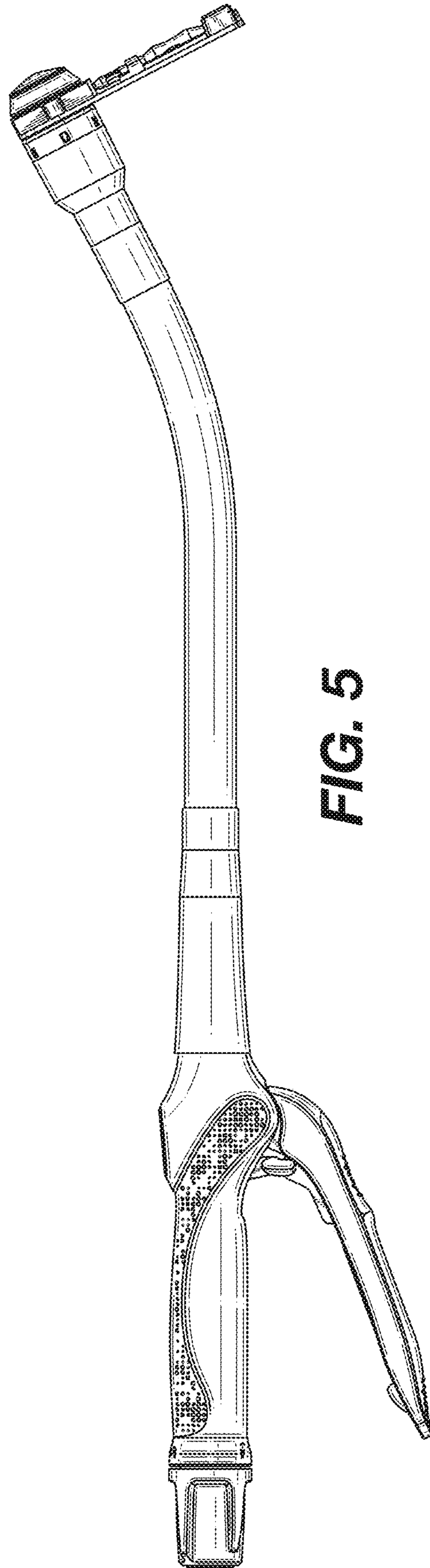


FIG. 5

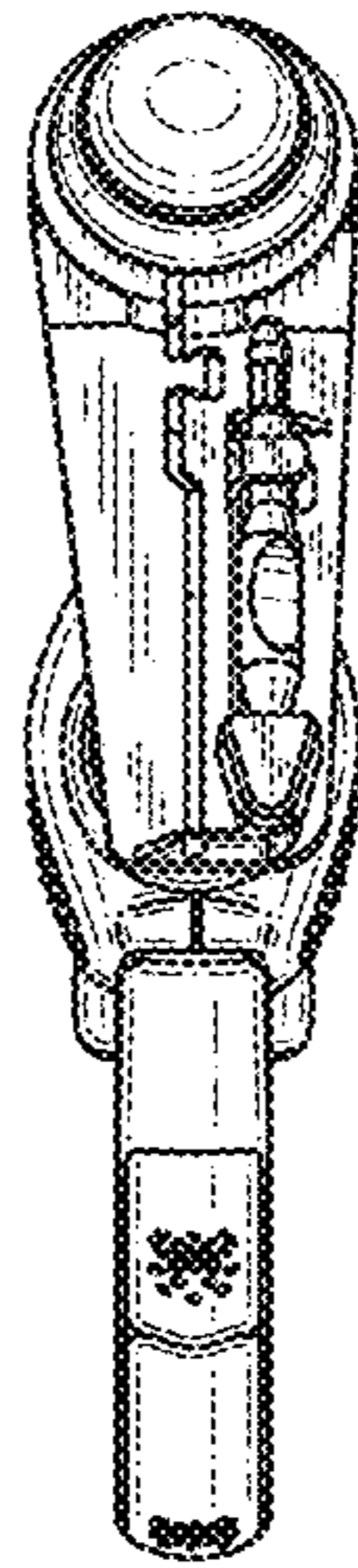


FIG. 6

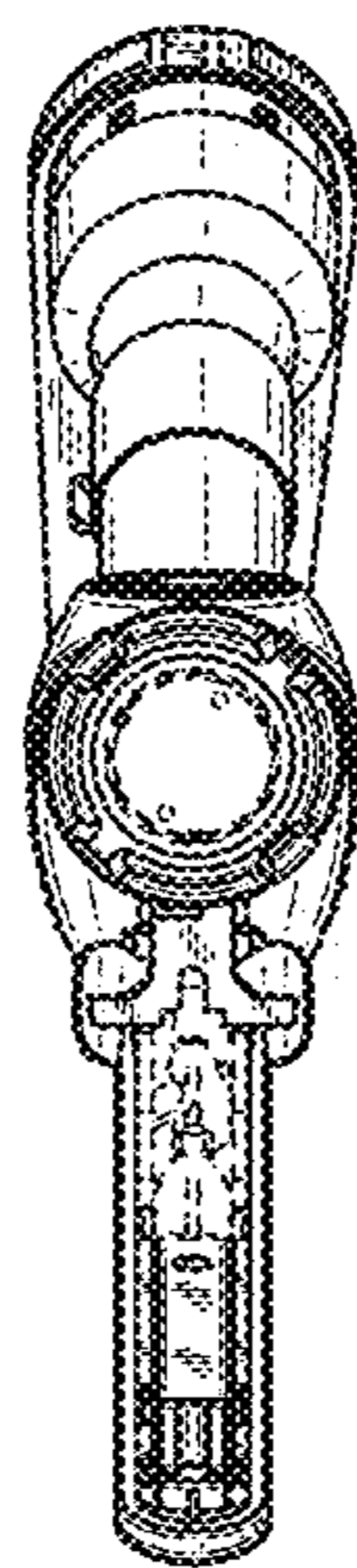


FIG. 7

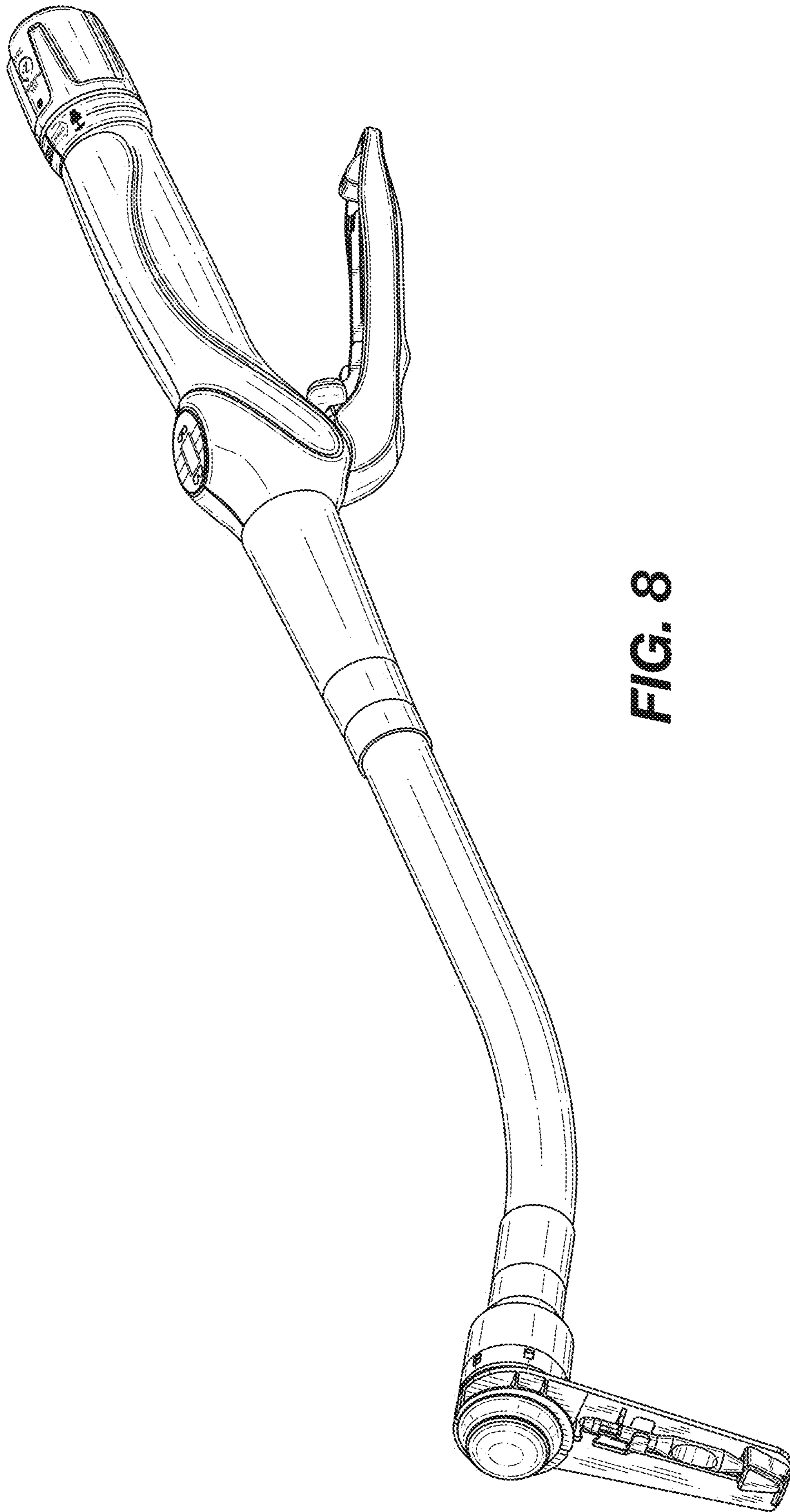


FIG. 8

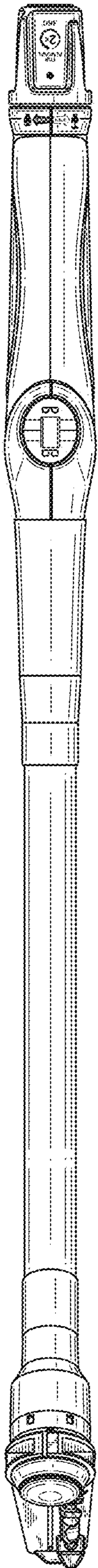


FIG. 9

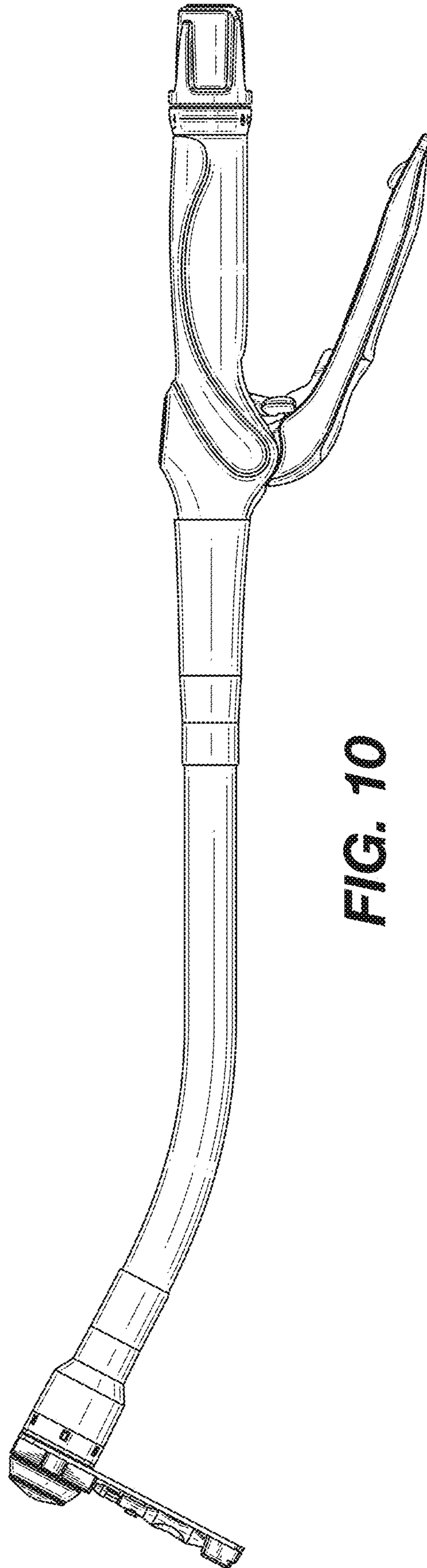


FIG. 10

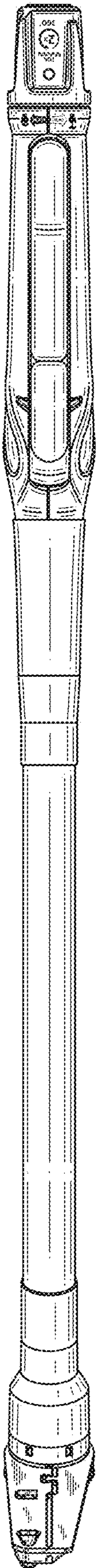


FIG. 11

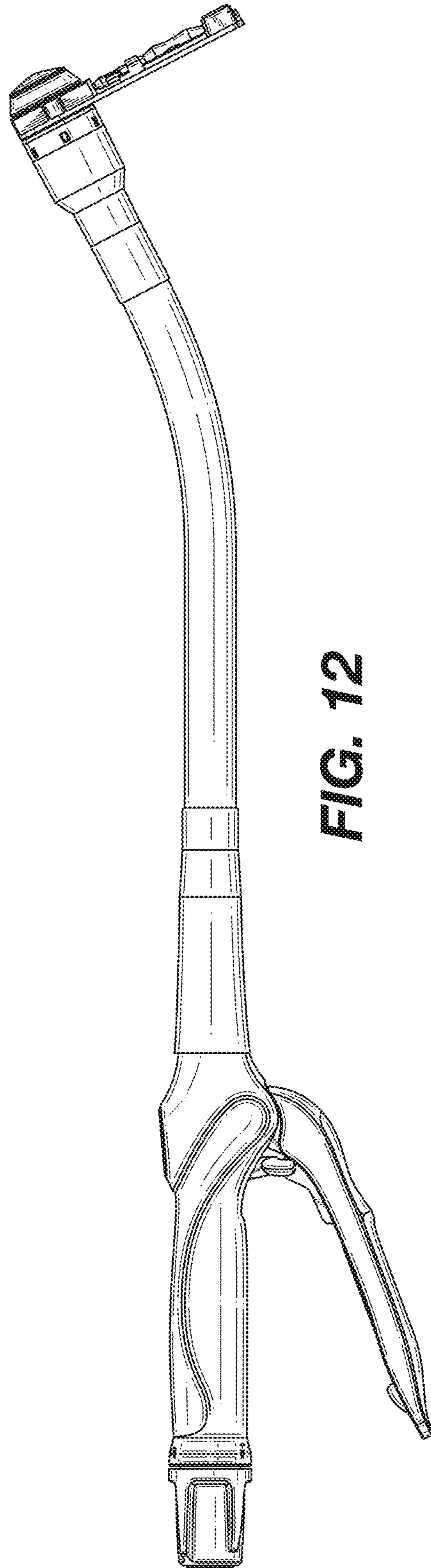


FIG. 12

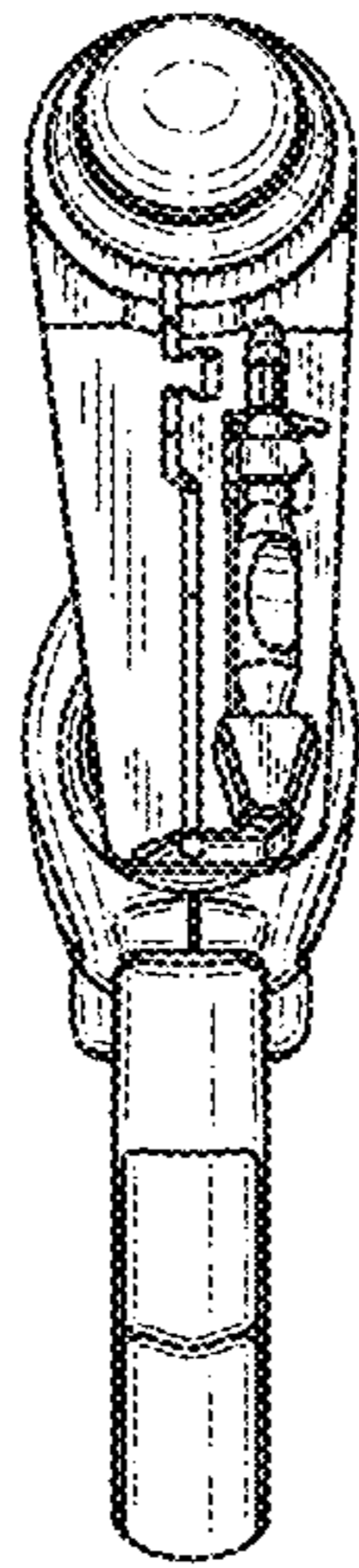


FIG. 13

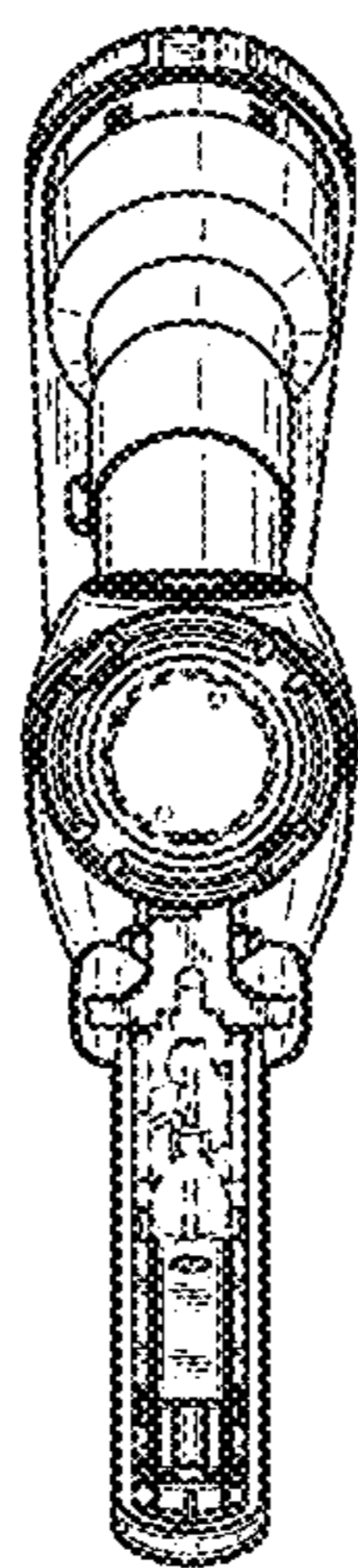


FIG. 14

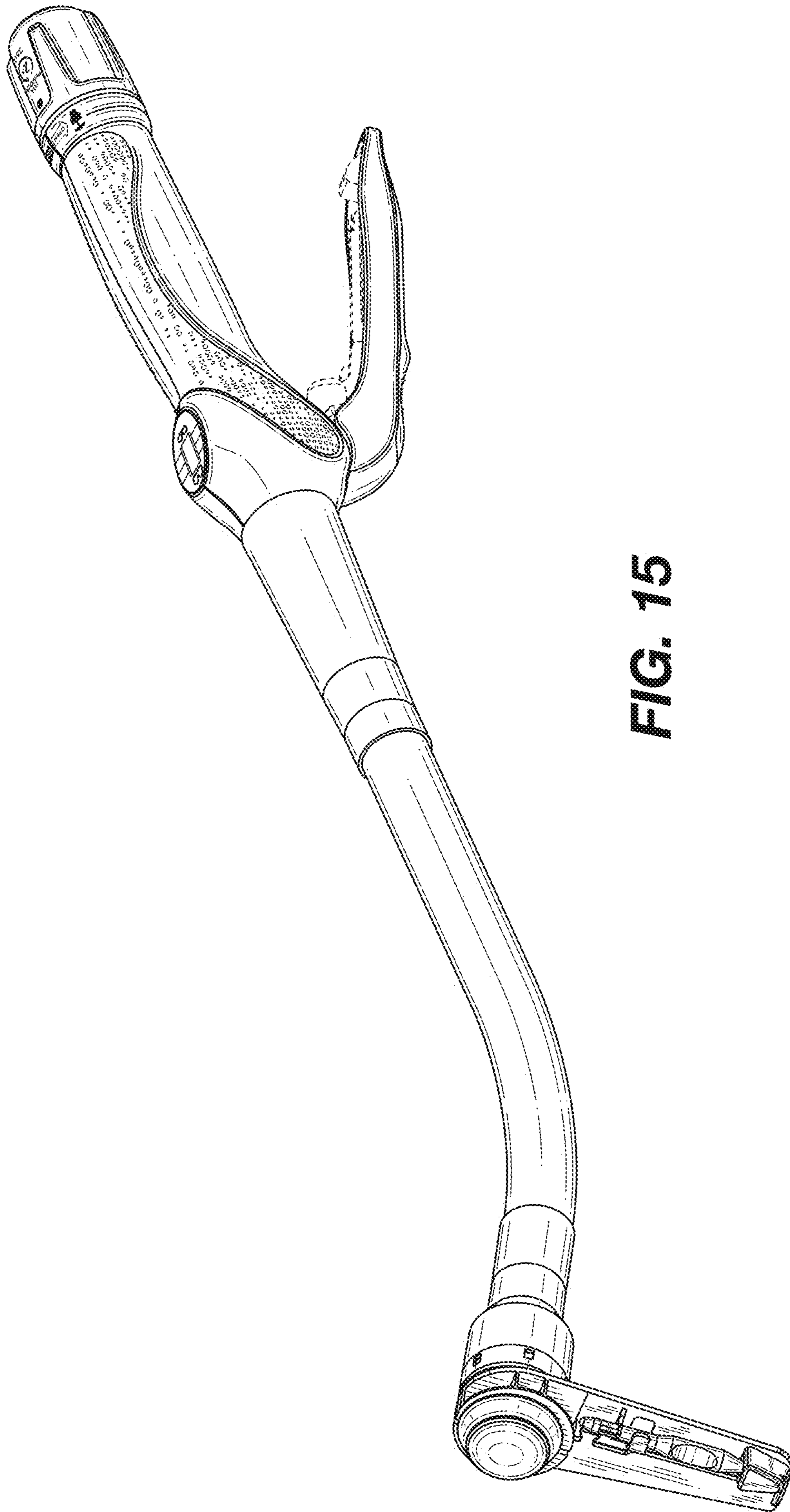


FIG. 15

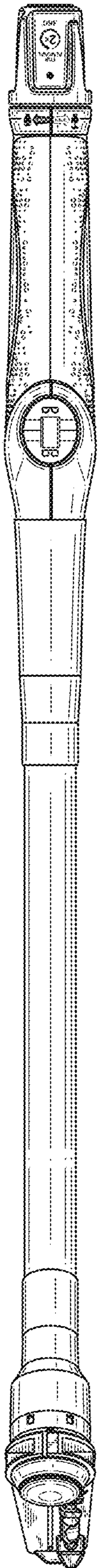


FIG. 16

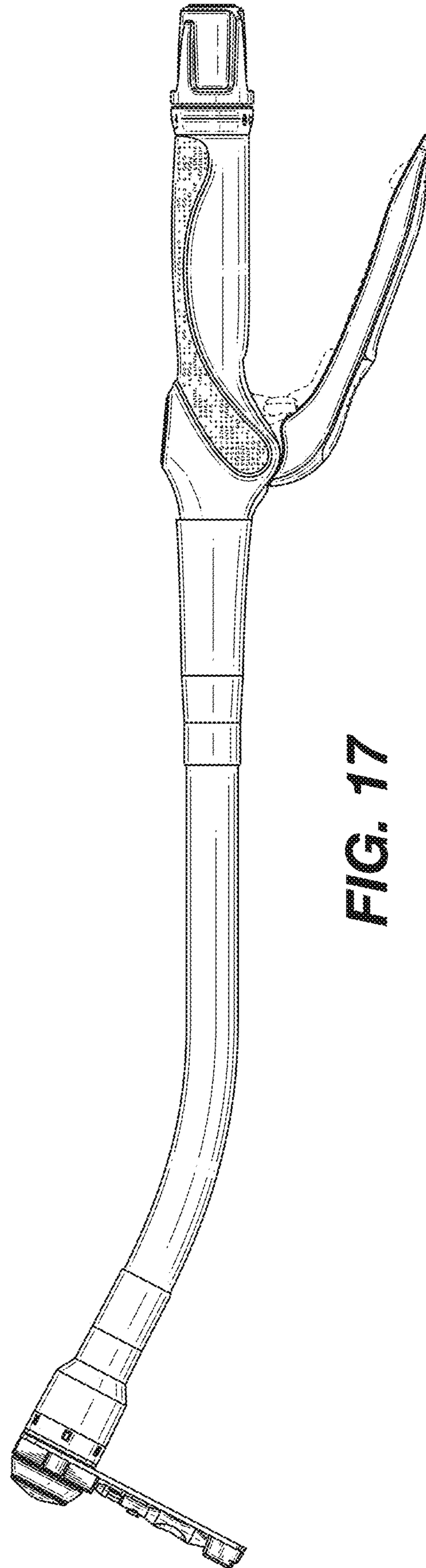


FIG. 17

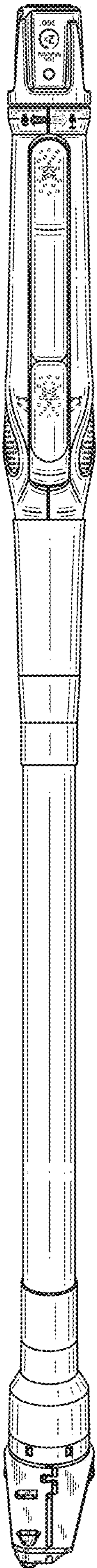


FIG. 18

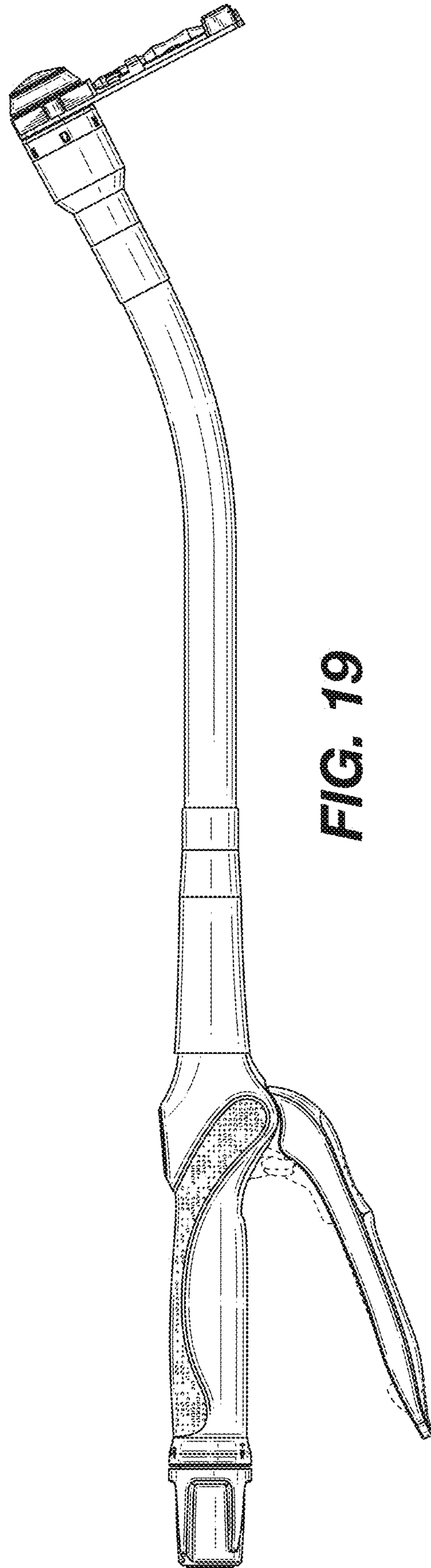


FIG. 19

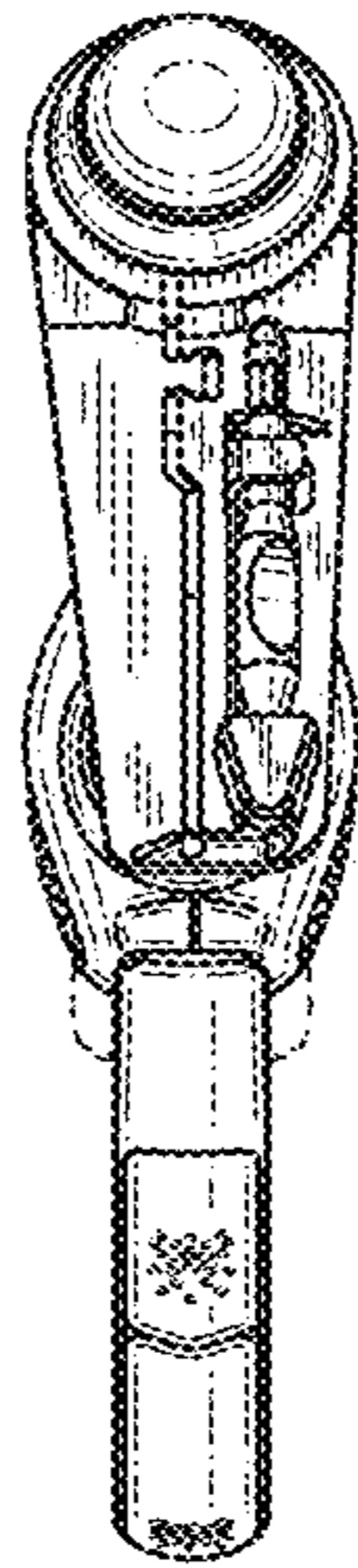


FIG. 20

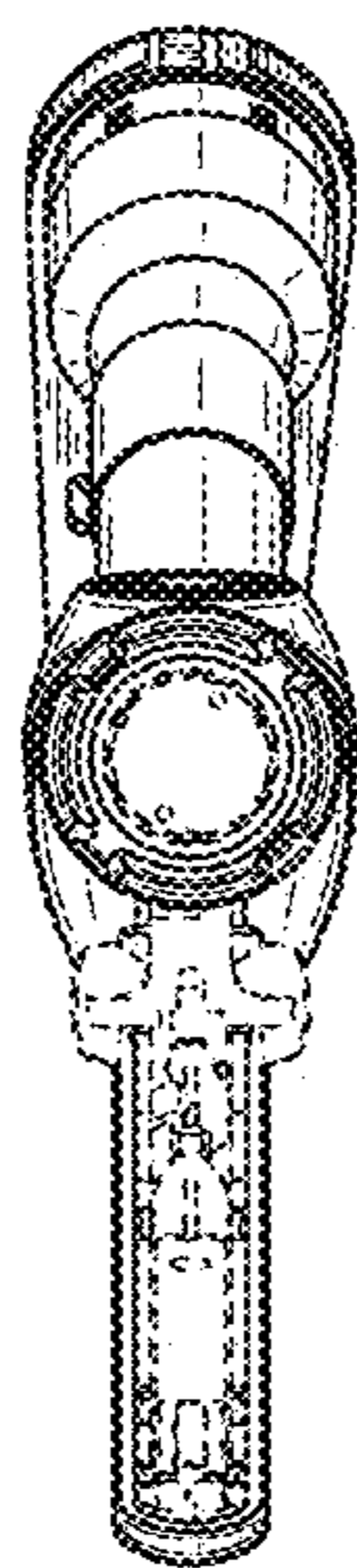


FIG. 21