

US00D698458S

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

(10) **Patent No.:** **US D698,458 S**  
(45) **Date of Patent:** **\*\* Jan. 28, 2014**

(54) **DISPOSABLE BIO-ANALYSIS CARTRIDGE**  
(75) Inventors: **Shou-Kuan Tsai**, New Taipei (TW);  
**Varouj D. Amirkhanian**, La Crescenta,  
CA (US)

(73) Assignee: **Bioptic, Inc.**, New Taipei (TW)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/399,743**

(22) Filed: **Aug. 18, 2011**

(51) **LOC (10) Cl.** ..... **24-01**

(52) **U.S. Cl.**  
USPC ..... **D24/224**

(58) **Field of Classification Search**  
USPC ..... D24/216, 222-226, 231, 232, 169, 108,  
D24/112, 117, 130; D10/81; 422/500, 547,  
422/554; 435/287.1, 287.3, 287.4, 288.1,  
435/288.3, 288.7

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

2,697,945	A *	12/1954	Dovas	.....	D24/222
D246,380	S *	11/1977	Boothby	.....	D24/222
4,108,175	A *	8/1978	Orton	.....	D24/112
D416,625	S *	11/1999	Torti et al.	.....	D24/222
D423,670	S *	4/2000	Scheuble et al.	.....	D24/130
D460,179	S *	7/2002	Isoda et al.	.....	D24/130
D601,712	S *	10/2009	Tajima	.....	D24/222

7,622,083	B2 *	11/2009	Amirkhanian et al.	.....	422/547
D609,806	S *	2/2010	Uchida et al.	.....	D24/130
D630,337	S *	1/2011	Chia et al.	.....	D24/224
D636,489	S *	4/2011	D'Agostino et al.	.....	D24/130
8,006,540	B2 *	8/2011	Degli Esposti et al.	.....	422/69
8,057,756	B2 *	11/2011	Londo et al.	.....	422/500
D651,308	S *	12/2011	Crawford et al.	.....	D24/130
D652,918	S *	1/2012	Egli et al.	.....	D24/130
2006/0171854	A1 *	8/2006	Koltay et al.	.....	422/100
2011/0088493	A1 *	4/2011	Blumentritt et al.	.....	422/501

\* cited by examiner

*Primary Examiner* — Anhdao Doan

(74) *Attorney, Agent, or Firm* — Liu & Liu

(57) **CLAIM**

The ornamental design for a disposable bio-analysis cartridge, as shown and described.

**DESCRIPTION**

FIG. 1 is a left perspective view of the new design;

FIG. 2 is a right perspective view thereof;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is an enlarged top plan view thereof; and,

FIG. 8 is an enlarged bottom plan view thereof.

The broken lines in the drawing views illustrate unclaimed portions of the disposable bio-analysis cartridge and form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**

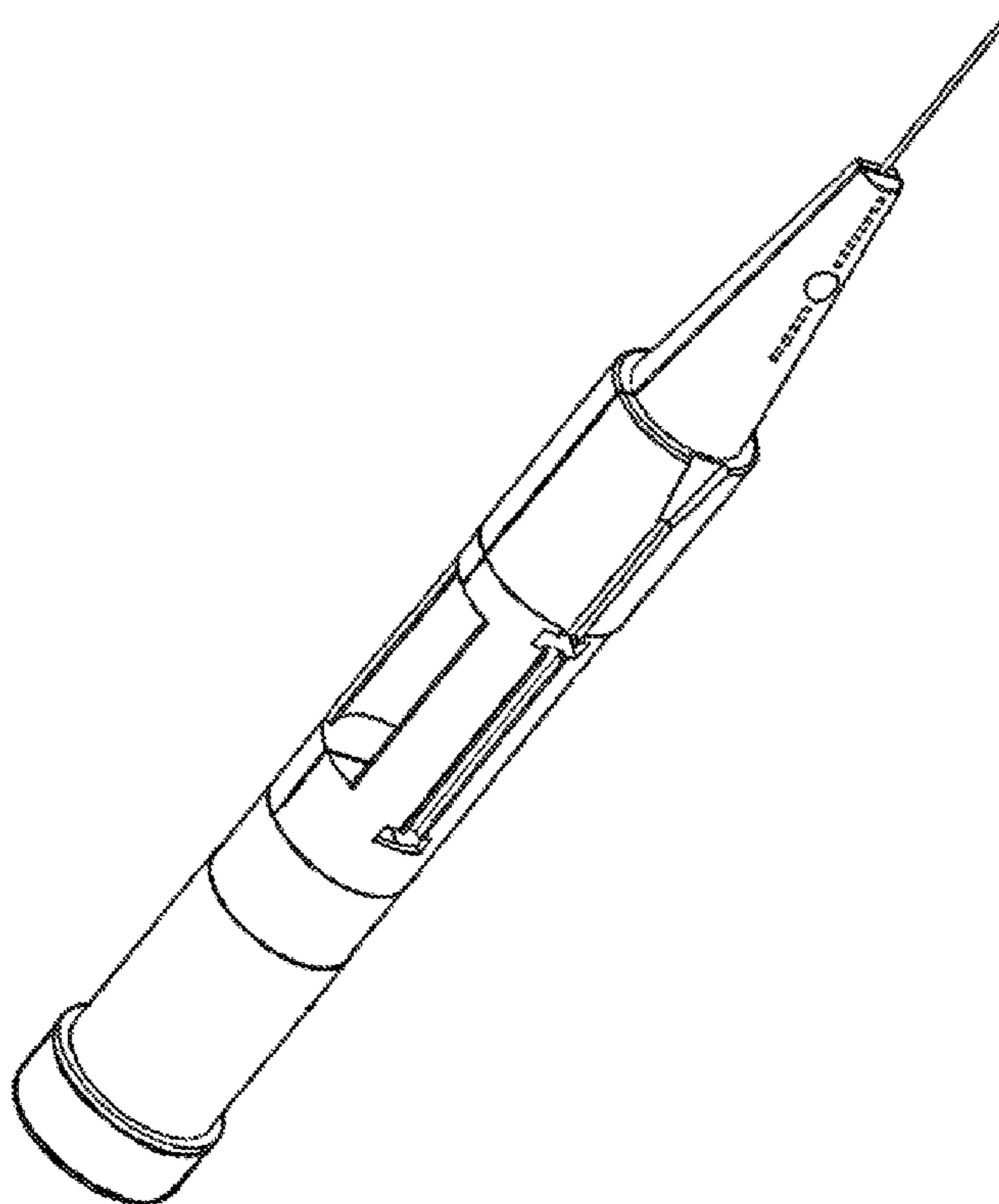
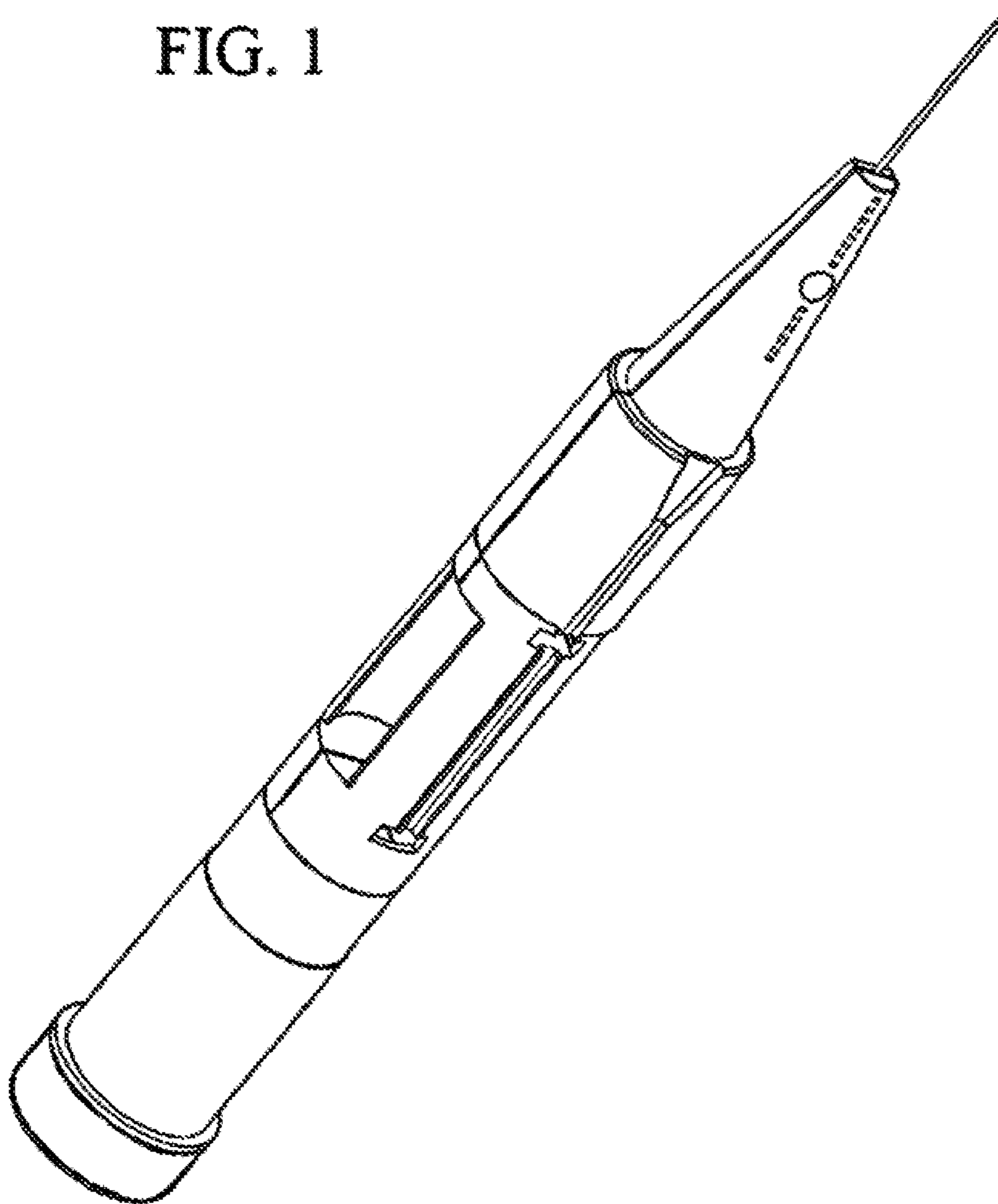
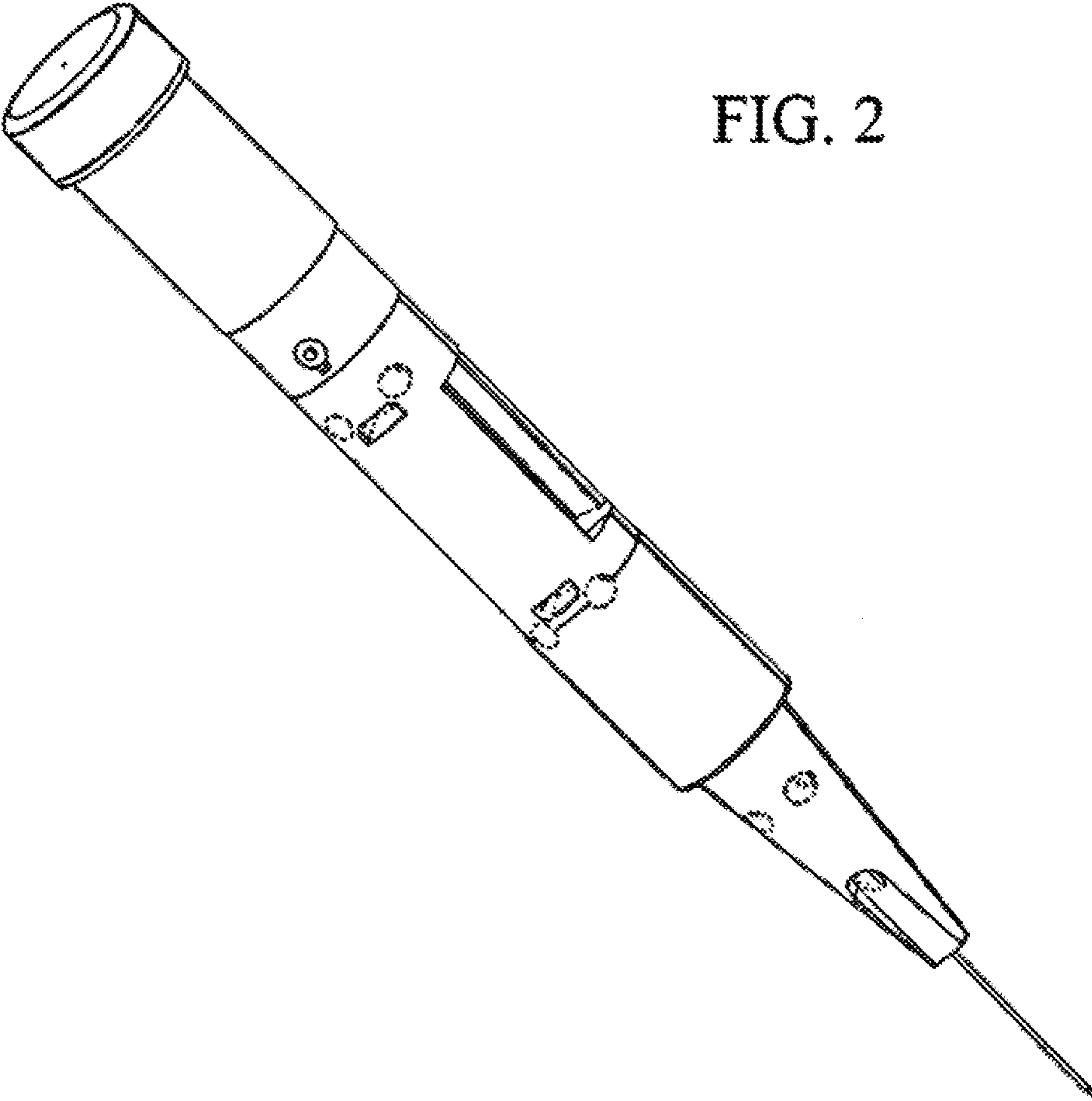


FIG. 1





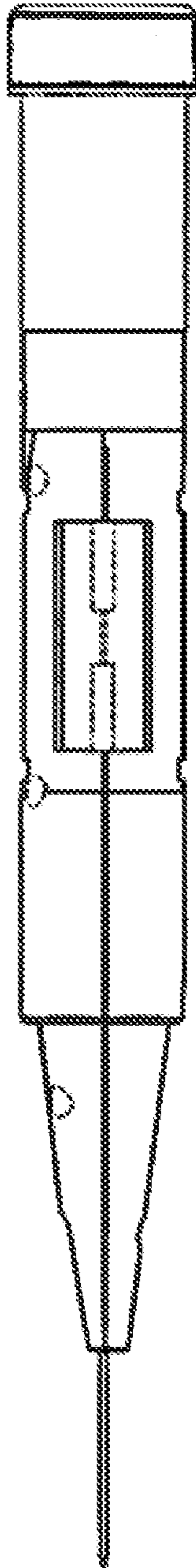


FIG. 3

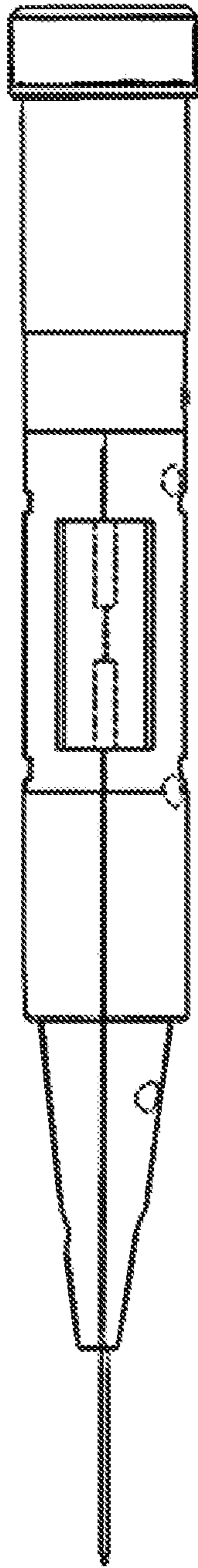


FIG. 4

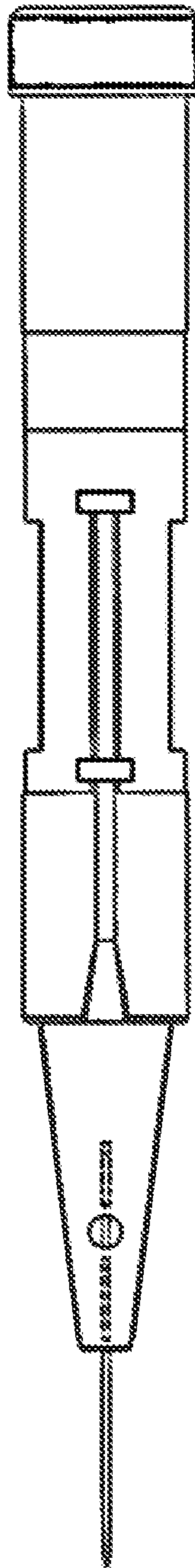


FIG. 5

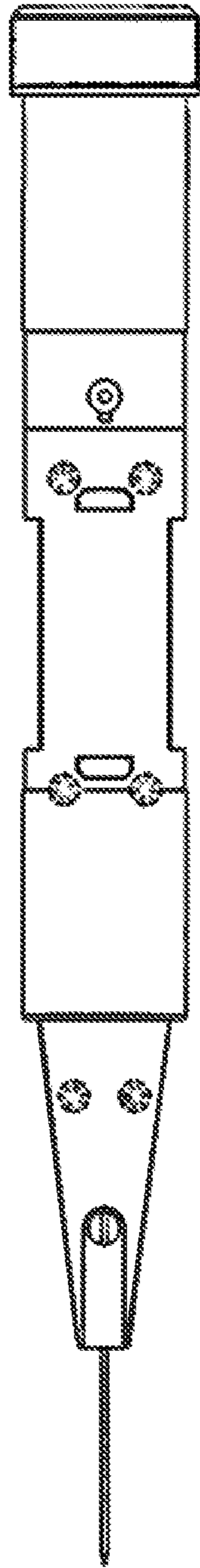


FIG. 6

FIG. 7

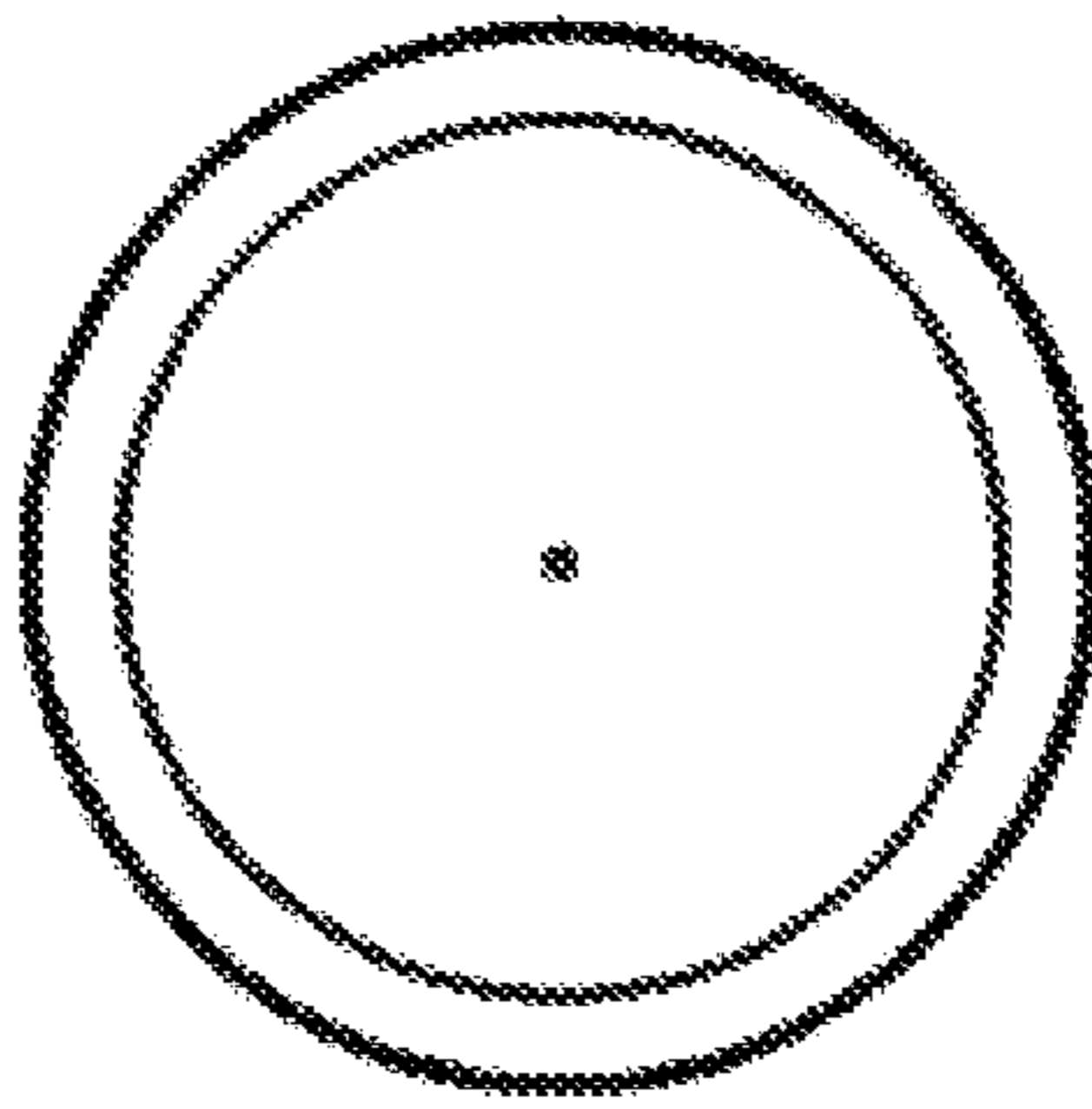




FIG. 8

