



US00D606190S

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

(10) **Patent No.:** **US D606,190 S**
(45) **Date of Patent:** **** Dec. 15, 2009**

(54) **DEVICE FOR DELIVERING CELLULAR MATERIAL AND PHYSIOLOGIC FLUIDS TO A SUBJECT**

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(73) Assignee: **Aderans Research Institute, Inc.**, Marietta, GA (US)

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

(21) Appl. No.: **29/324,590**

(22) Filed: **Sep. 16, 2008**

Related U.S. Application Data

(63) Continuation-in-part of application No. 11/672,675, filed on Feb. 8, 2007.

(51) **LOC (9) Cl.** **24-02**
(52) **U.S. Cl.** **D24/113**
(58) **Field of Classification Search** D24/112–114, D24/133, 186, 104, 130, 127; 606/181, 185; 604/232, 187, 158, 164.08, 192, 263, 163, 604/181, 184, 198, 227; 401/6
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,472,116	A	6/1949	Maynes
3,596,292	A	8/1971	Erb et al.
4,458,678	A	7/1984	Yannas et al.
4,659,327	A	4/1987	Bennett et al.
5,611,811	A	3/1997	Goldberg
5,697,901	A	12/1997	Eriksson
5,817,120	A	10/1998	Rassman
5,989,279	A	11/1999	Rassman

5,993,374	A	11/1999	Kick	
5,997,468	A	12/1999	Wolff et al.	
6,062,753	A *	5/2000	Hadtke et al.	401/6
6,569,143	B2	5/2003	Alchas et al.	
D490,151	S *	5/2004	Hawley et al.	D24/114
D490,152	S *	5/2004	Myall et al.	D24/133
D490,520	S *	5/2004	Hawley et al.	D24/114
D494,270	S *	8/2004	Reschke	D24/133
6,793,646	B1 *	9/2004	Giambattista et al.	604/232
6,884,427	B1	4/2005	Barrows	
6,890,319	B1	5/2005	Crocker	
D538,936	S *	3/2007	Bohmel et al.	D24/133
D546,447	S *	7/2007	White	D24/133
D573,710	S *	7/2008	Goodman et al.	D24/133
D581,530	S *	11/2008	Thierfelder et al.	D24/133
D583,932	S *	12/2008	Clement et al.	D24/113
D584,815	S *	1/2009	Goodman et al.	D24/133
D592,746	S *	5/2009	Highley et al.	D24/133
2002/0193740	A1	12/2002	Alchas et al.	
2003/0009113	A1	1/2003	Olson	
2003/0198646	A1	10/2003	Stenn	
2004/0068284	A1	4/2004	Barrows	
2004/0220589	A1	11/2004	Feller	
2005/0089512	A1	4/2005	Schlotmann et al.	
2005/0147652	A1	7/2005	Atkins et al.	
2005/0214344	A1	9/2005	Barrows	

FOREIGN PATENT DOCUMENTS

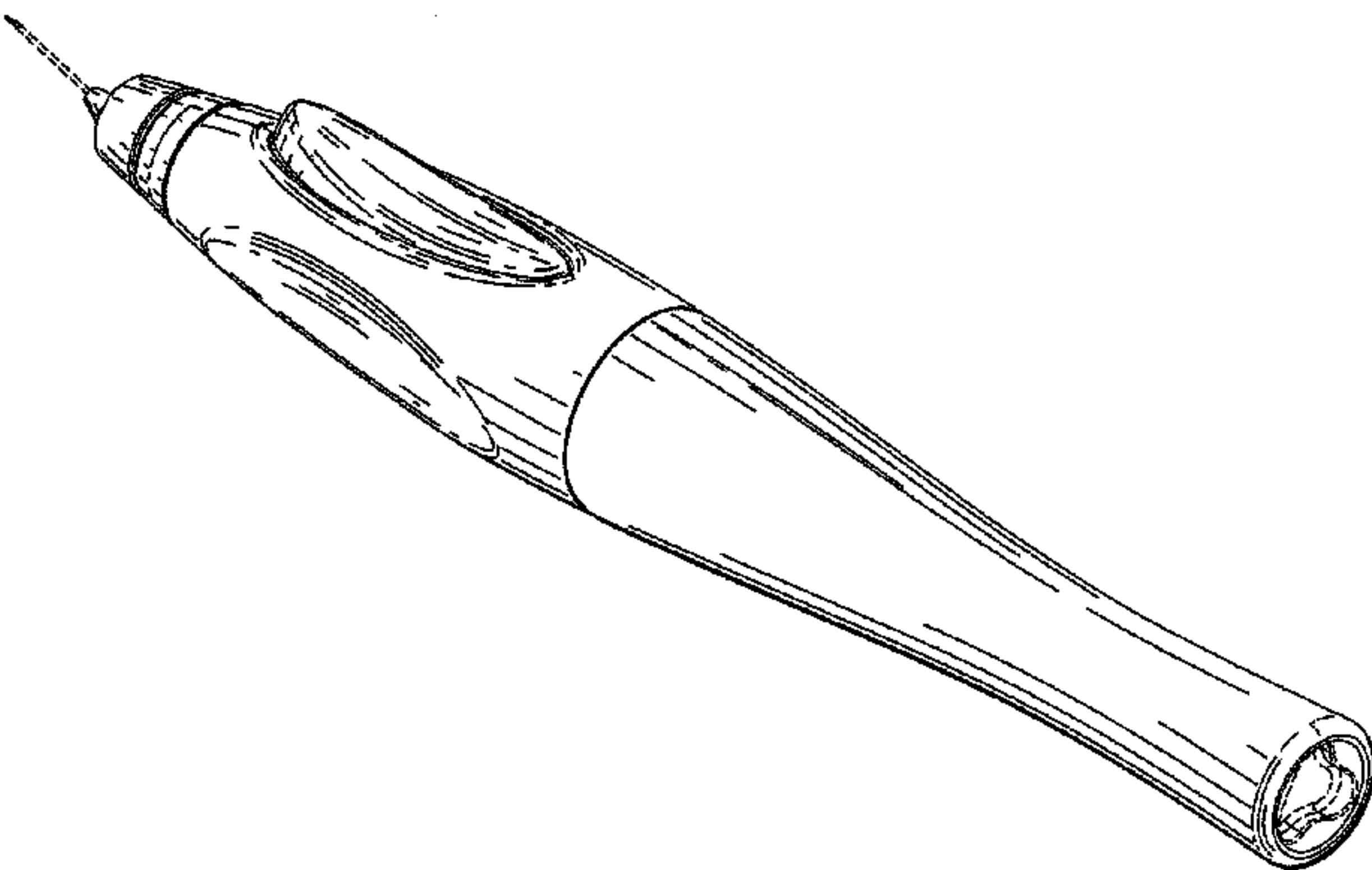
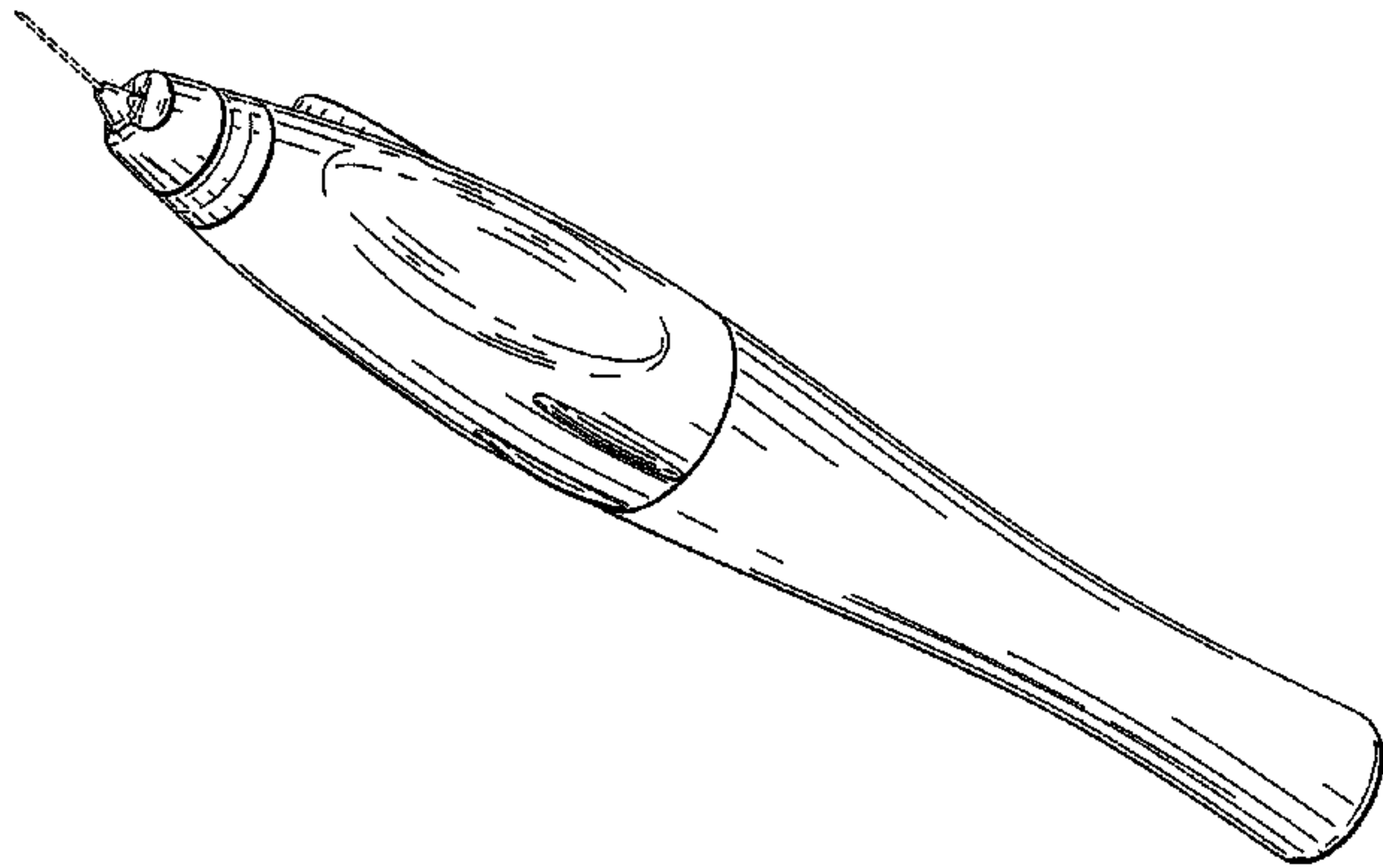
JP	2001302520	10/2001
JP	2003235990	8/2003
WO	WO 00/09184	2/2000
WO	WO 00/45736	10/2000
WO	WO 01/66472	9/2001
WO	WO 01/70291	9/2001
WO	WO 02/060396	8/2002
WO	WO 02/083216	10/2002
WO	WO 03/068248	8/2003
WO	WO 05/018731	3/2005

* cited by examiner

OTHER PUBLICATIONS

Rassman, et al., “Rapid Fire Hair Implanter Carousel. A new surgical instrument for the automation of hair transplantation”, *Dermatologic Surgery*, 24:623-627 (1998).

Primary Examiner—T. Chase Nelson
Assistant Examiner—David G Muller



(74) *Attorney, Agent, or Firm*—Pabst Patent Group LLP

(57) **CLAIM**

We claim the ornamental design for a device for delivering cellular material and physiologic fluids to a subject, as shown and described.

DESCRIPTION

FIG. 1 is a bottom perspective view of a device for delivering cellular material and physiologic fluids with a needle assembly showing our new design;

FIG. 2 is a top perspective view;

FIG. 3 is a front elevational view;

FIG. 4 is a back elevational view;

FIG. 5 is a side elevational view, the opposite side elevational view being a mirror image thereof;

FIG. 6 is a top elevational view;

FIG. 7 is a bottom elevational view;

FIG. 8 is a bottom perspective view of the device with a cover showing our new design;

FIG. 9 is a top perspective view;

FIG. 10 is a front elevational view;

FIG. 11 is a back elevational view;

FIG. 12 is a side elevational view, the opposite side elevational view being a mirror image thereof;

FIG. 13 is a top elevational view;

FIG. 14 is a bottom elevational view;

FIG. 15 is a bottom perspective view of the device without a needle assembly showing our new design;

FIG. 16 is a top perspective view;

FIG. 17 is a front elevational view;

FIG. 18 is a back elevational view;

FIG. 19 is a side elevational view, the opposite side elevational view being a mirror image thereof;

FIG. 20 is a top elevational view;

FIG. 21 is a bottom elevational view;

FIG. 22 is a bottom perspective view of a needle assembly with a cover for the device showing our new design;

FIG. 23 is a top perspective view;

FIG. 24 is a front elevational view;

FIG. 25 is a back elevational view;

FIG. 26 is a side elevational view, the opposite side elevational view being a mirror image thereof;

FIG. 27 is a top elevational view; and,

FIG. 28 is a bottom elevational view.

The broken lines are for illustrative purposes only and form no part of the claimed design.

1 Claim, 12 Drawing Sheets

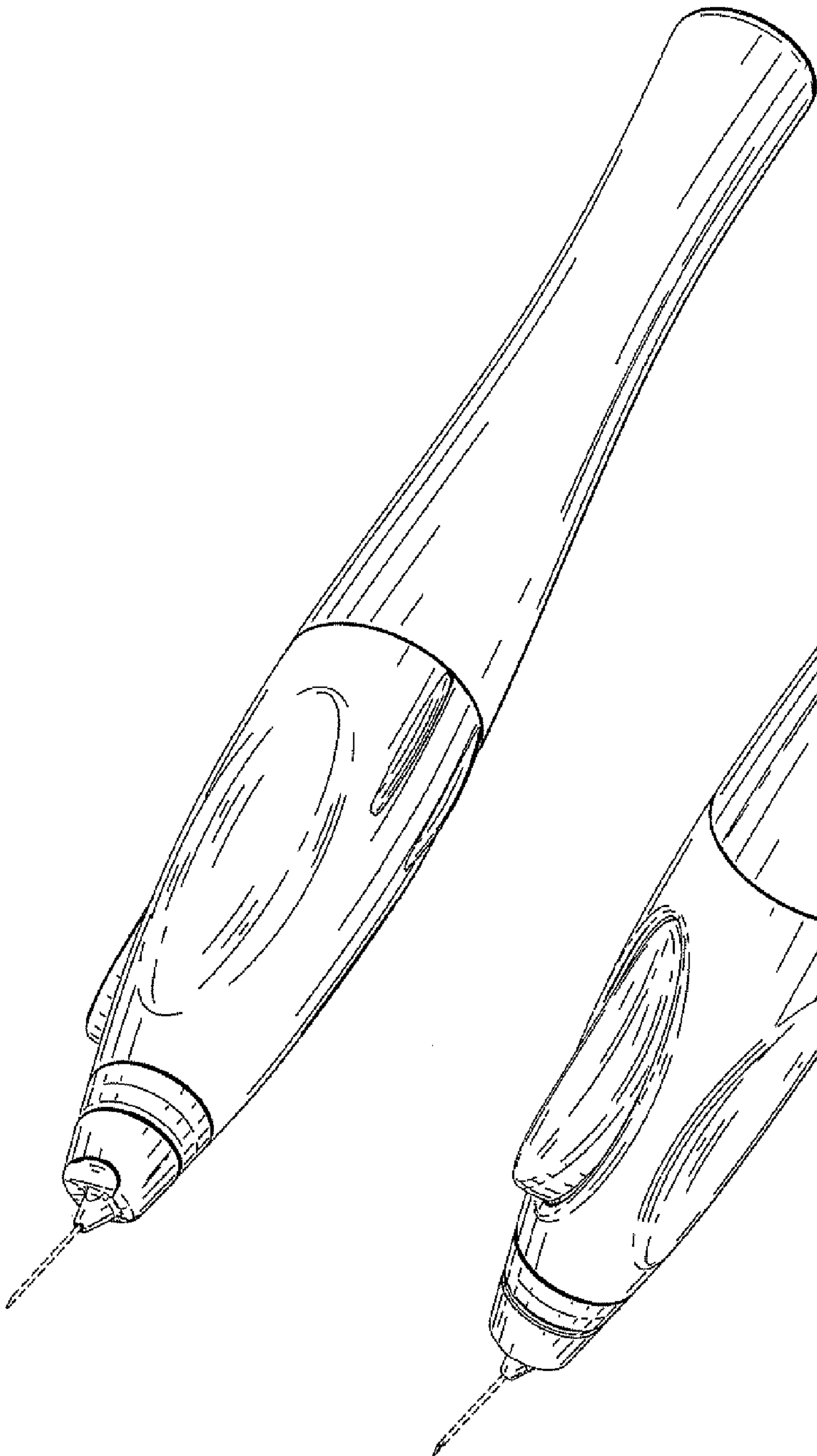


FIG. 1

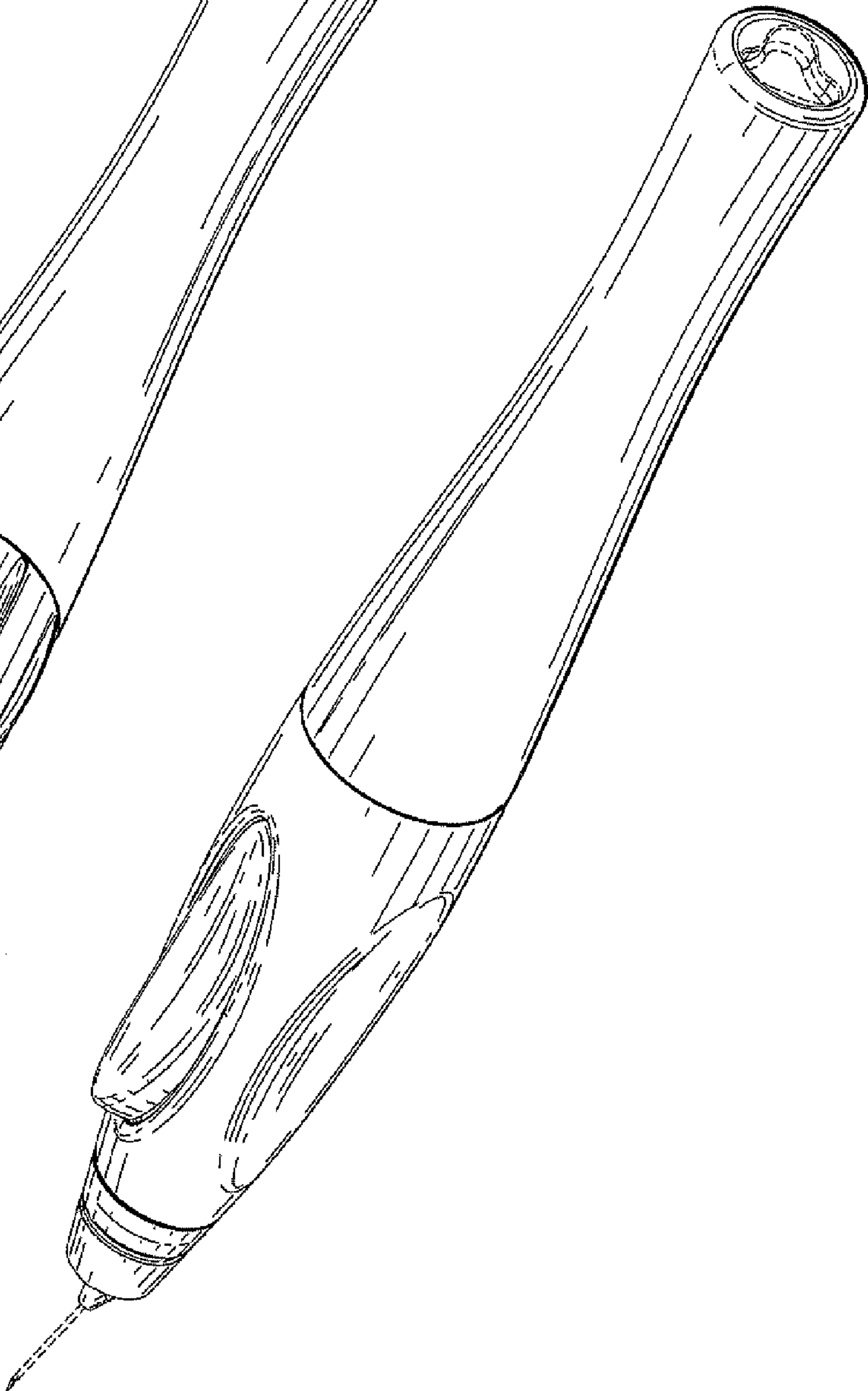


FIG. 2

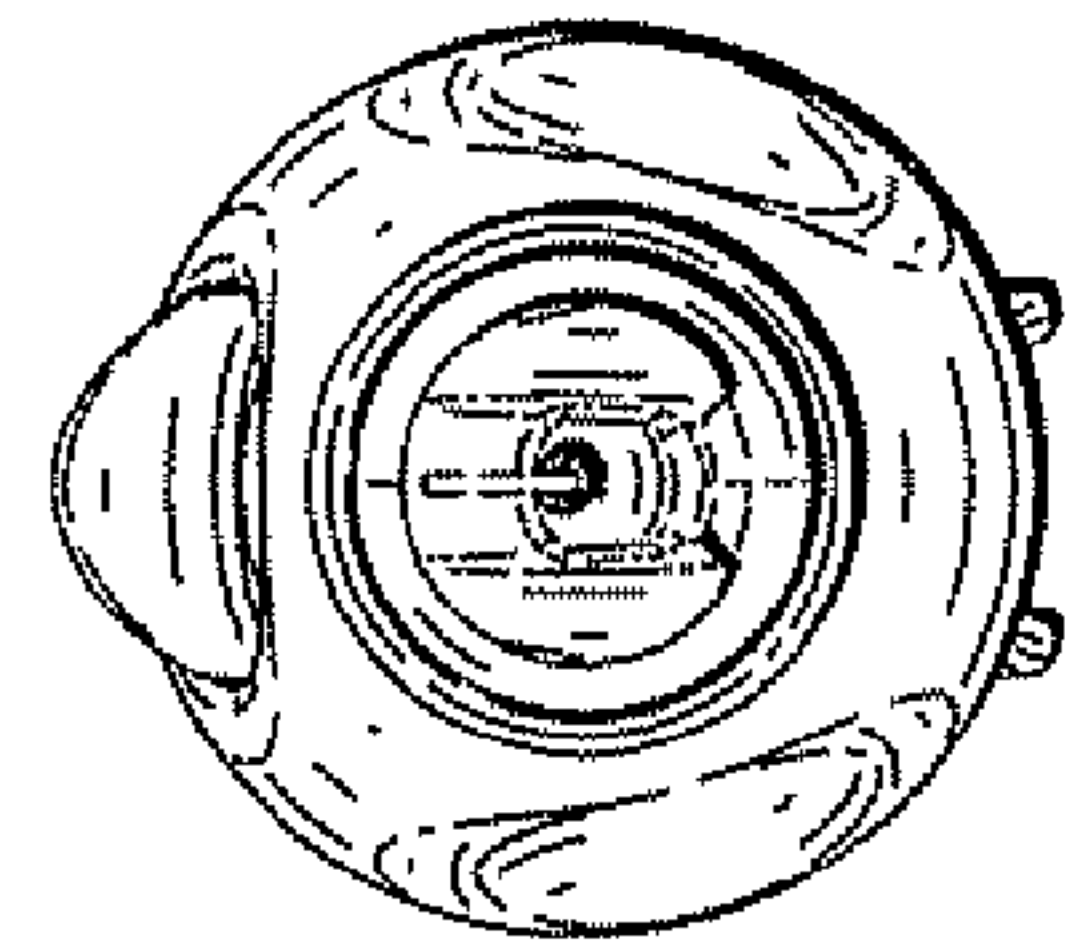


FIG. 3

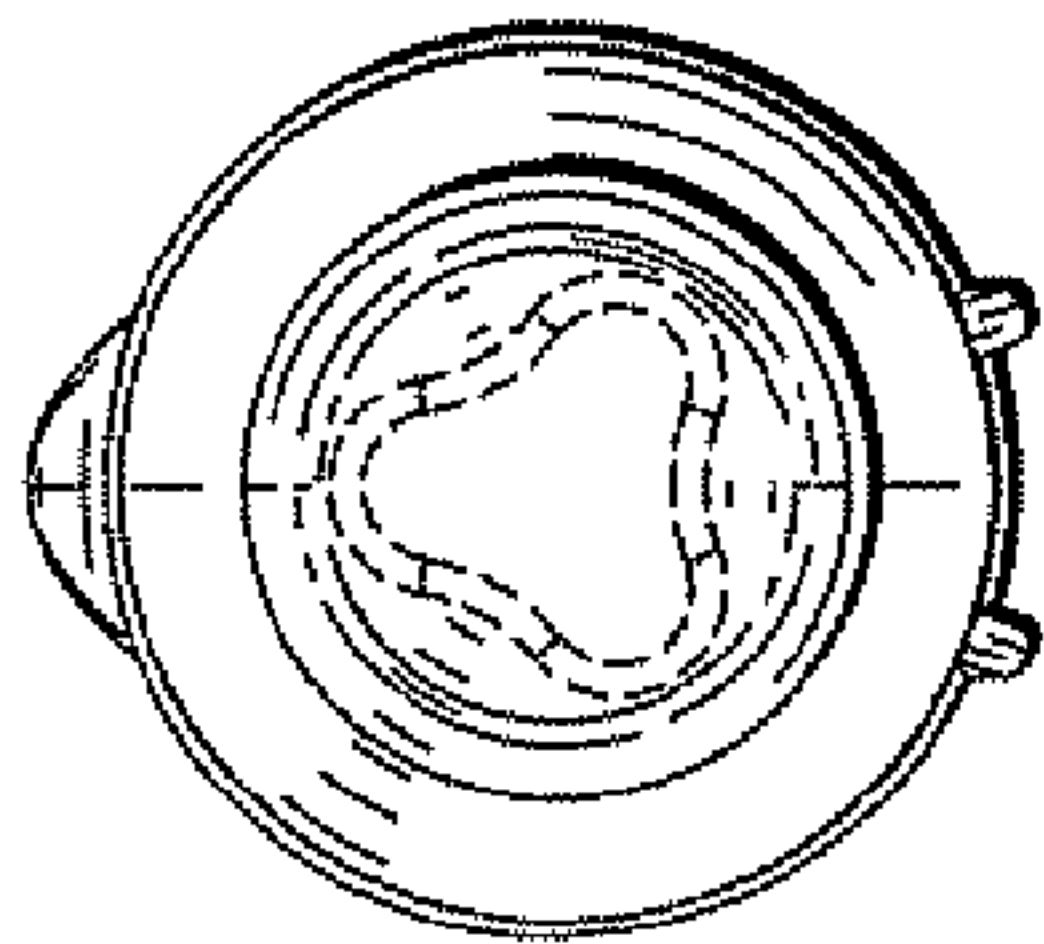


FIG. 4

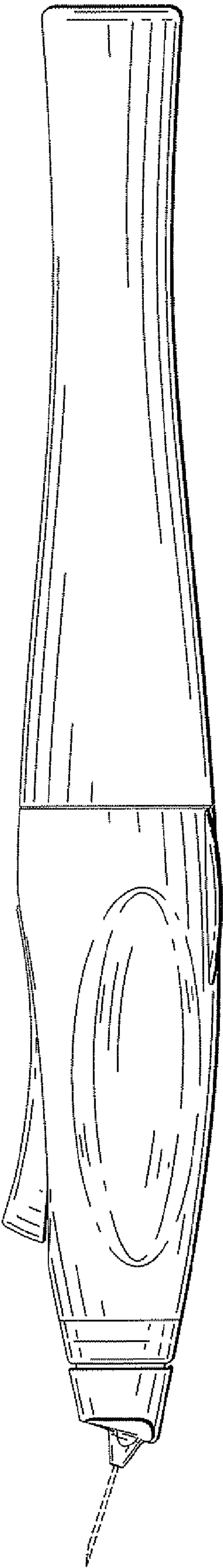


FIG. 5

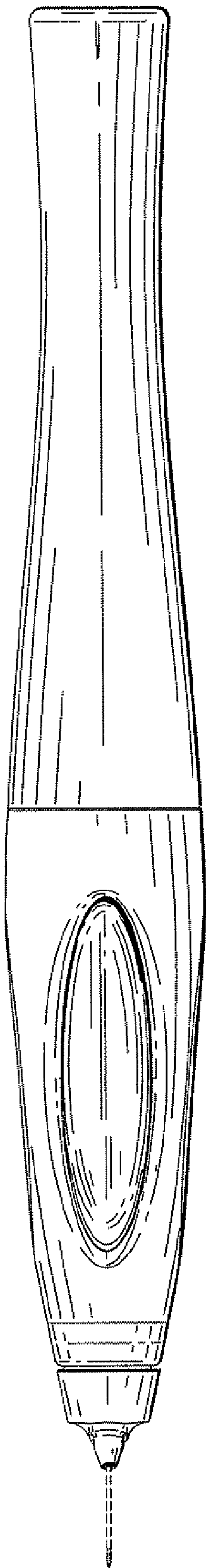


FIG. 6

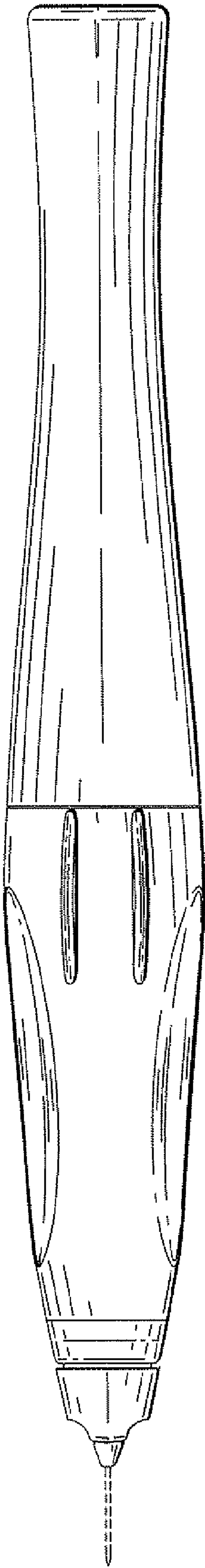


FIG. 7

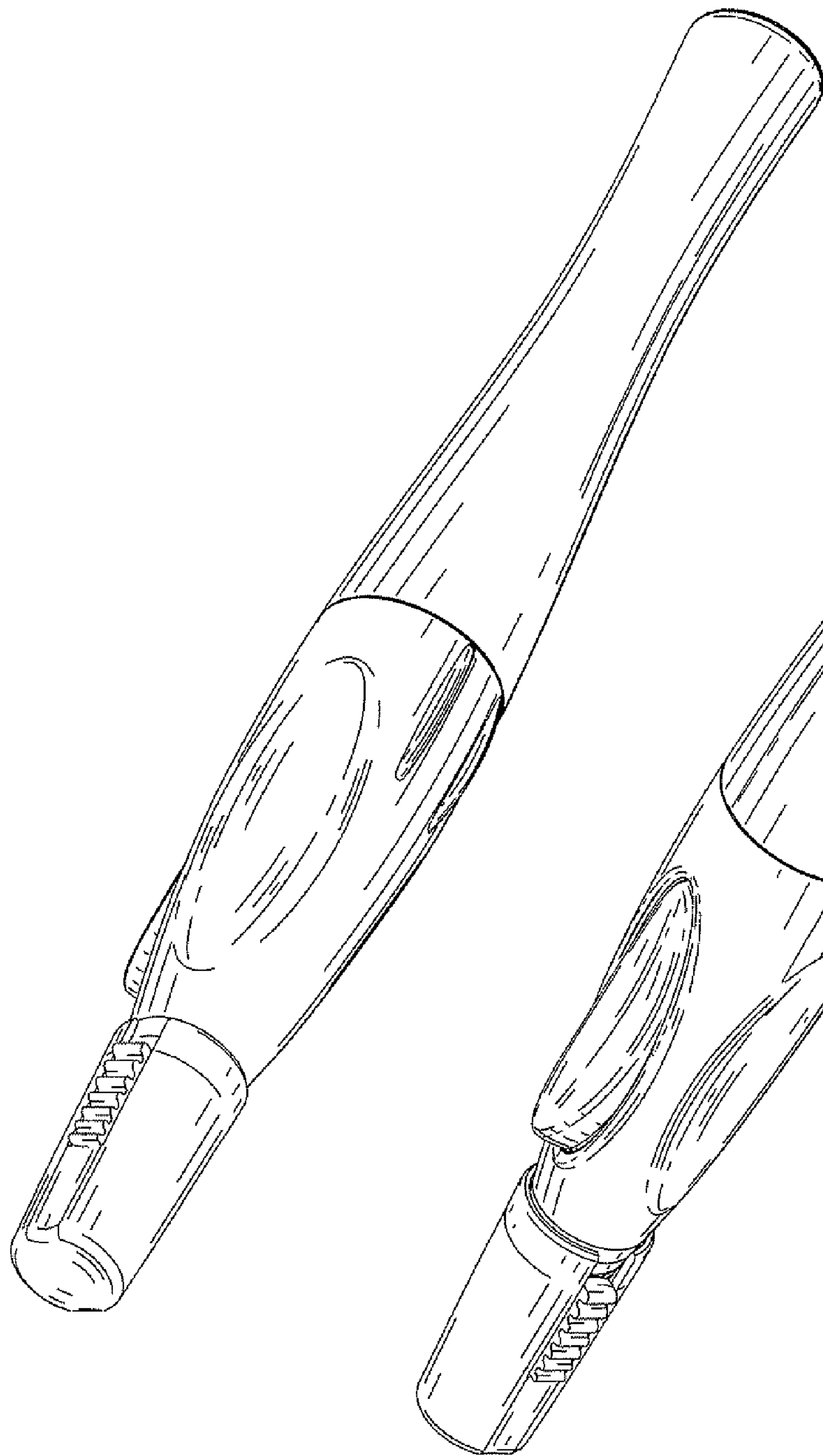


FIG. 8

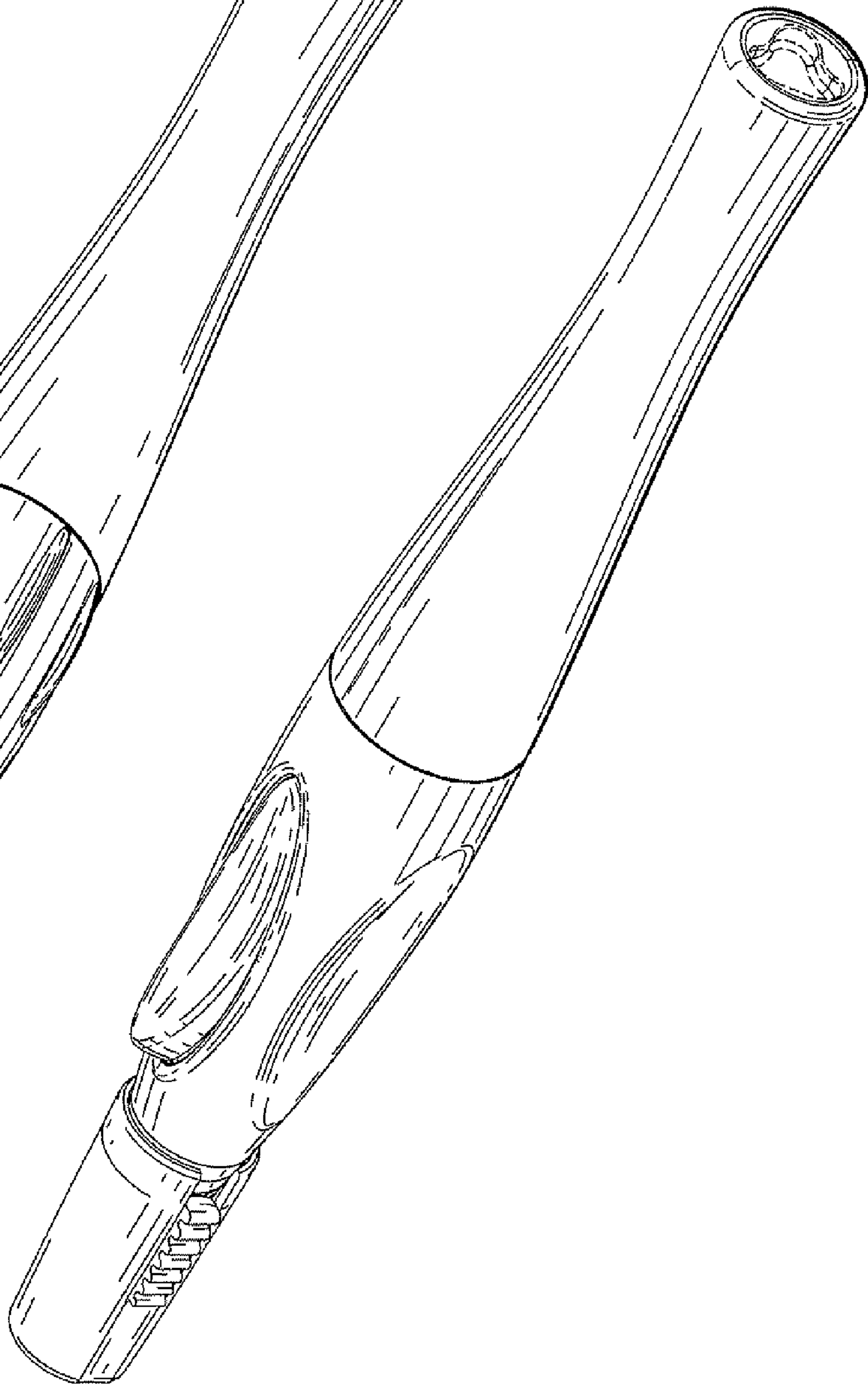


FIG. 9



FIG. 10

FIG. 11

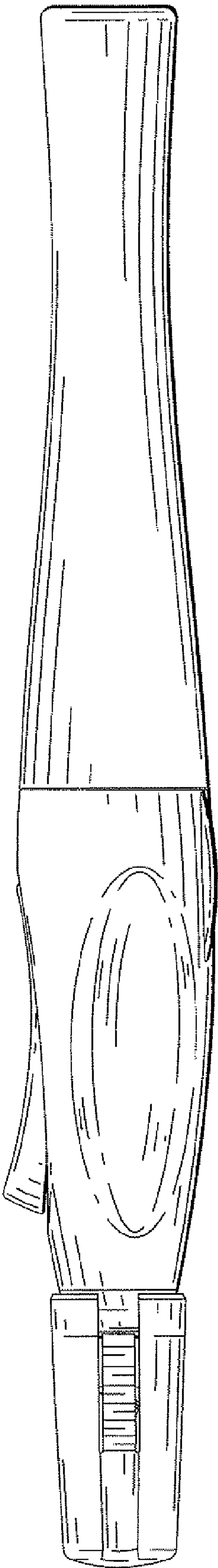


FIG. 12

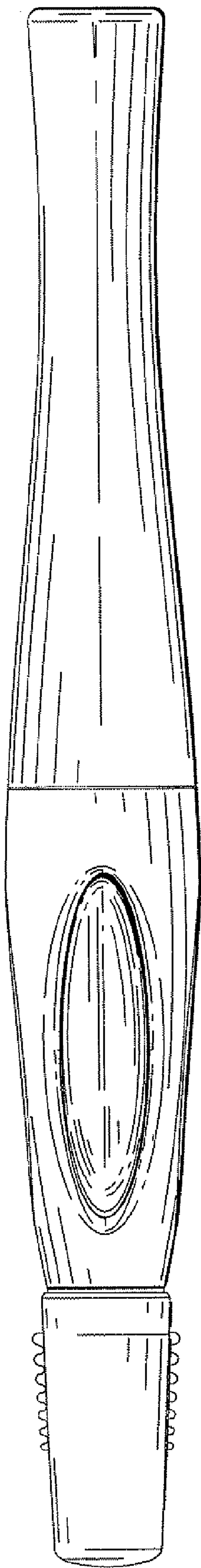


FIG. 13

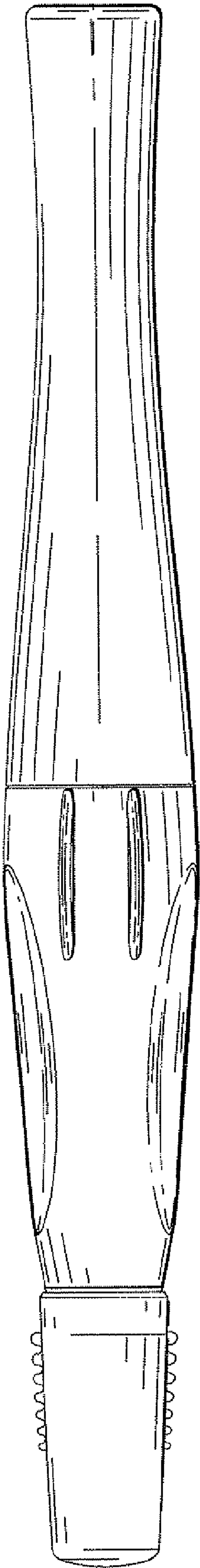


FIG. 14

FIG. 15

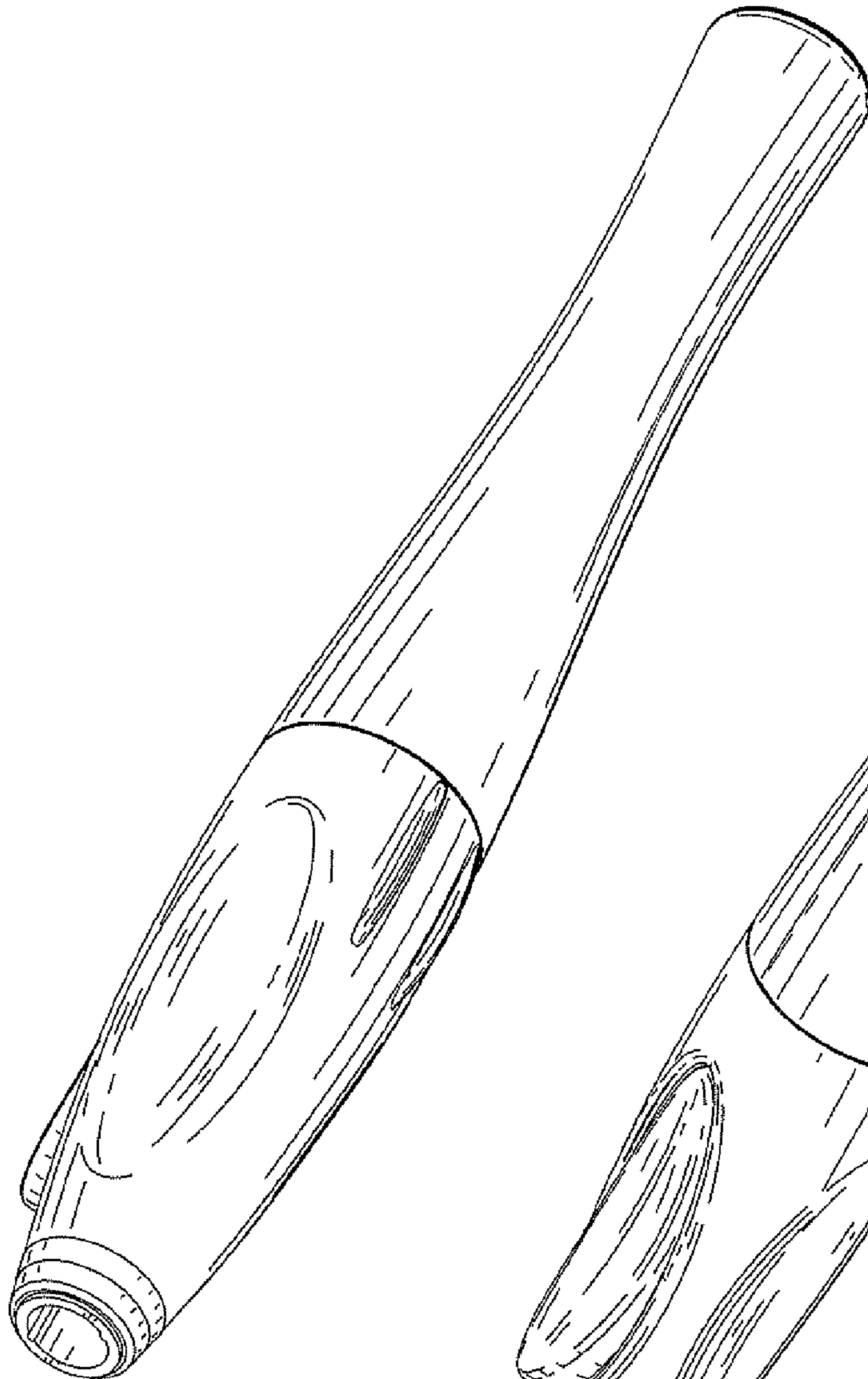


FIG. 16



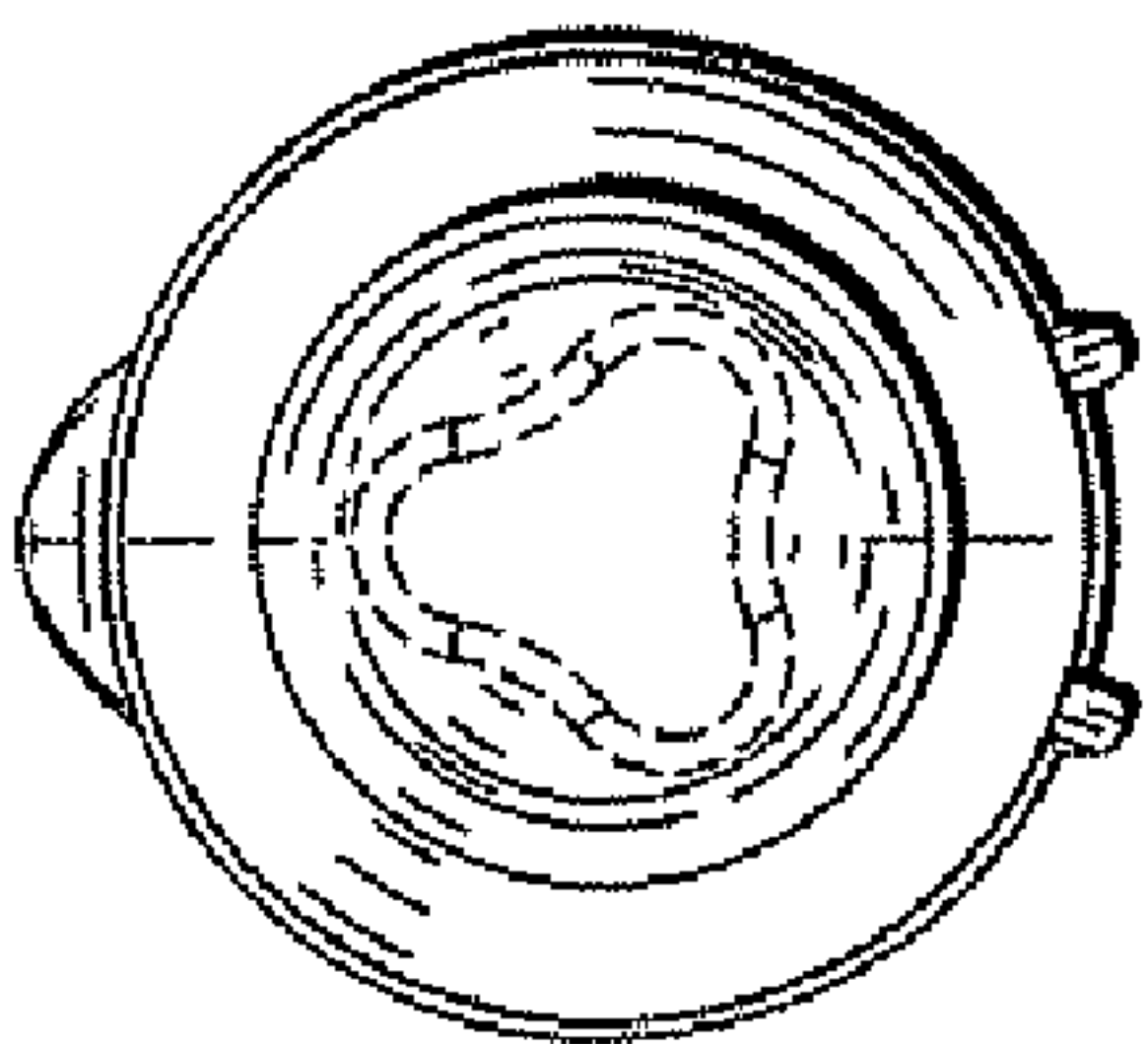


FIG. 17

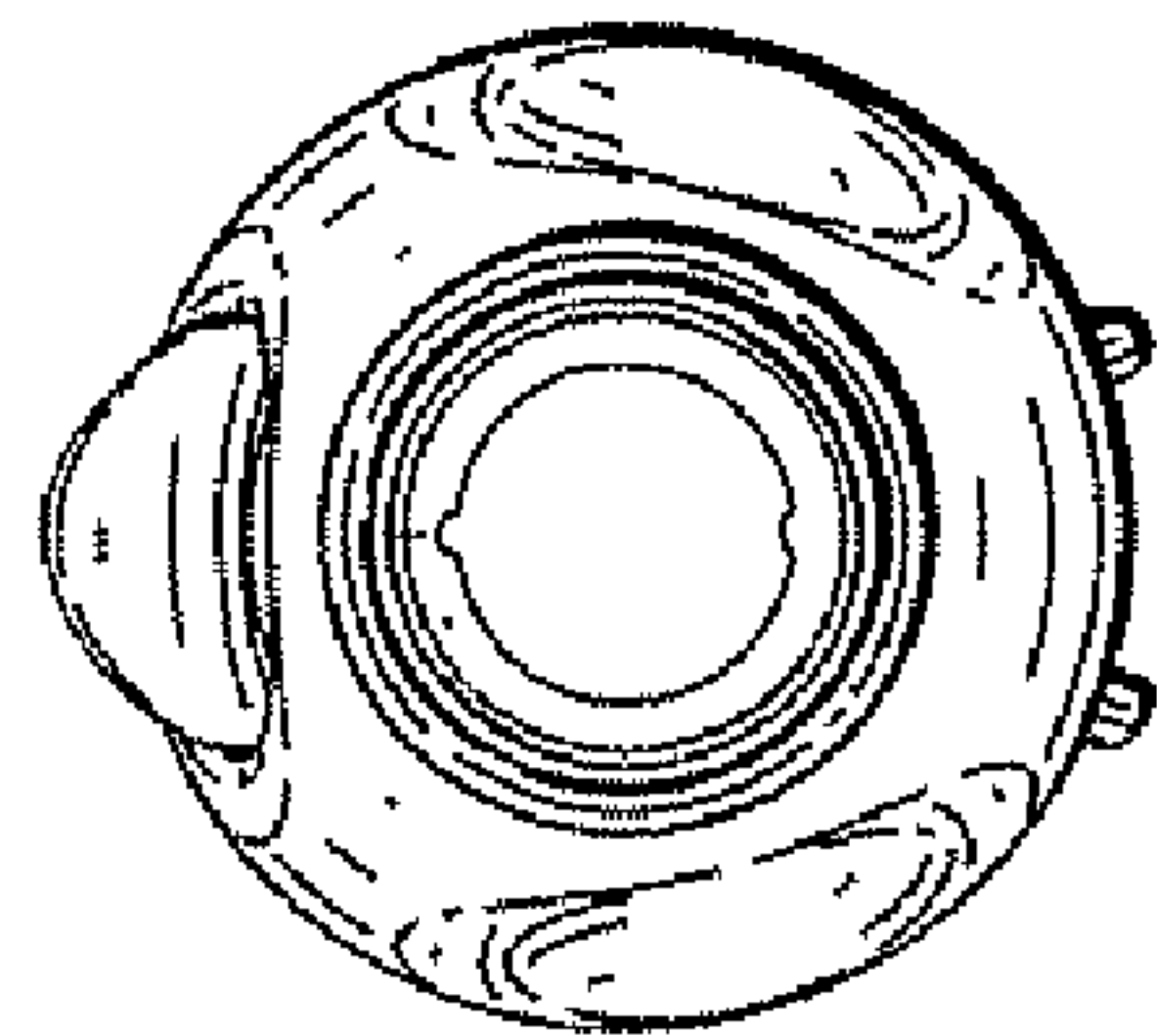


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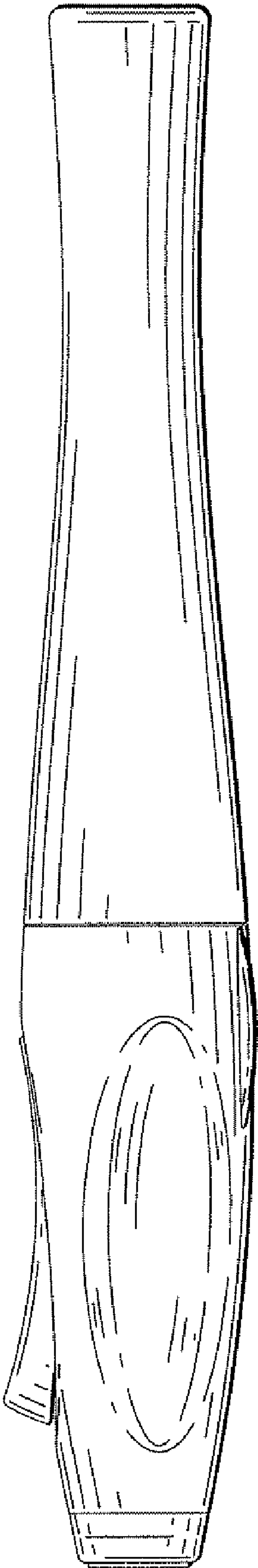


FIG. 19

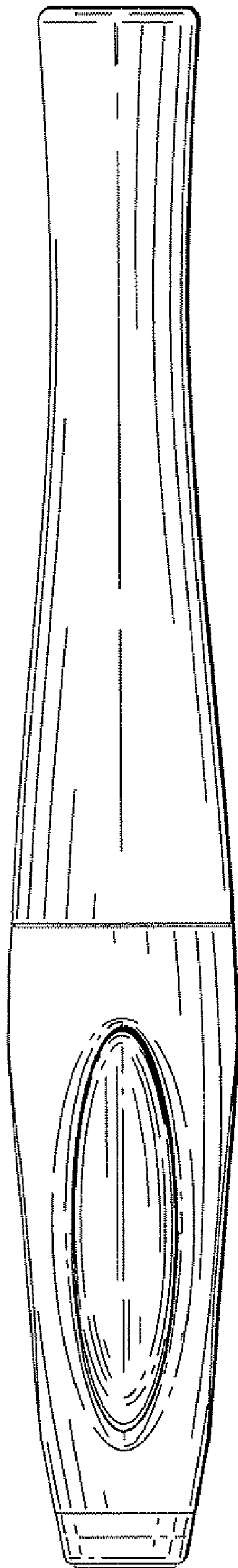


FIG. 20

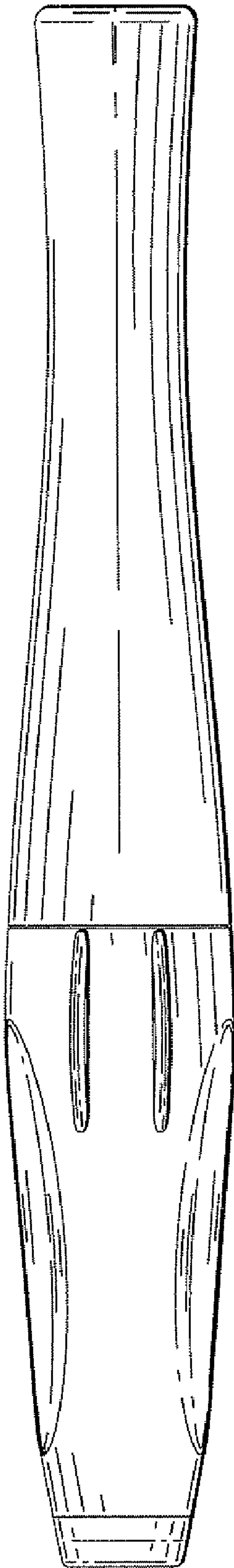


FIG. 21

FIG. 22

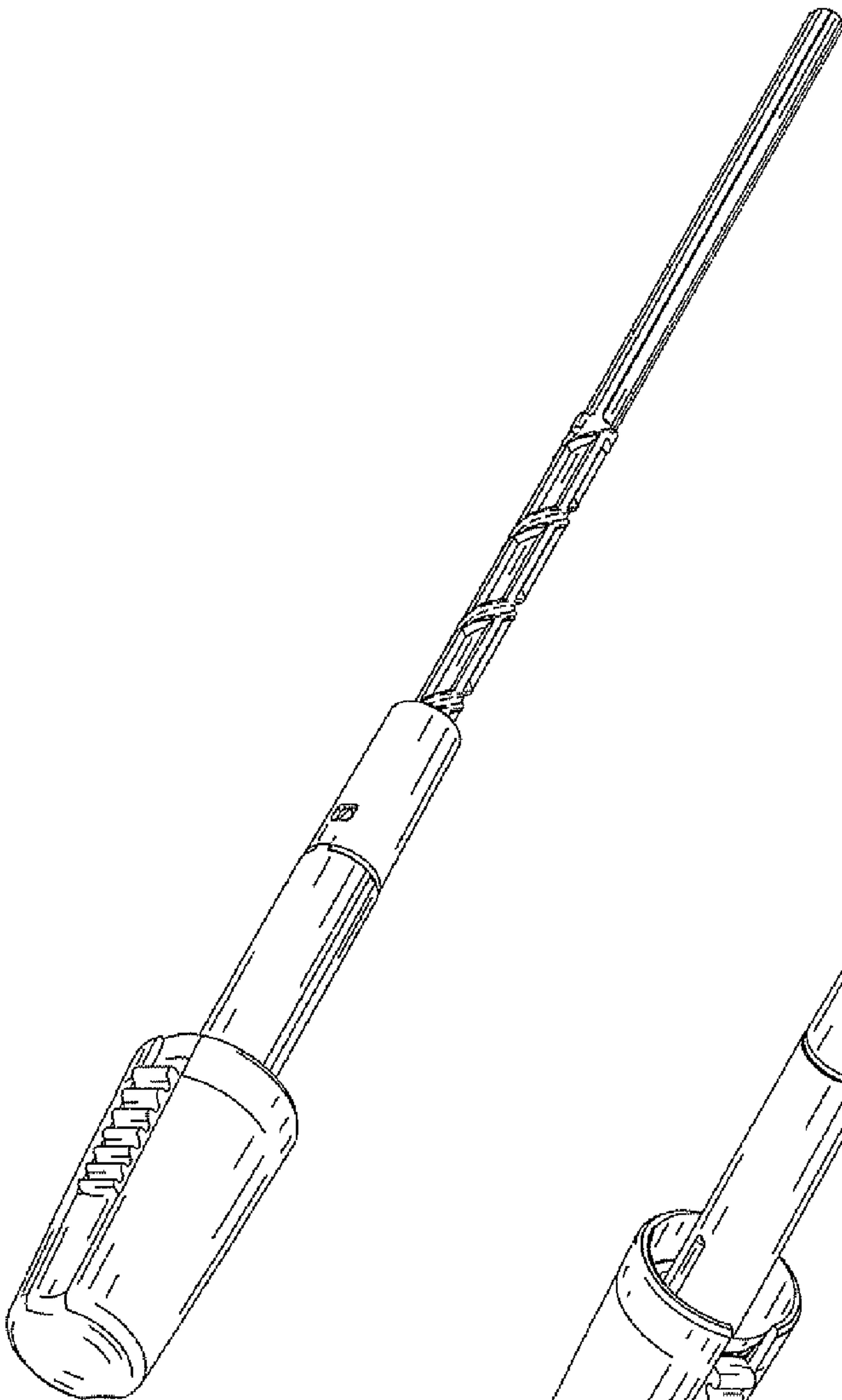
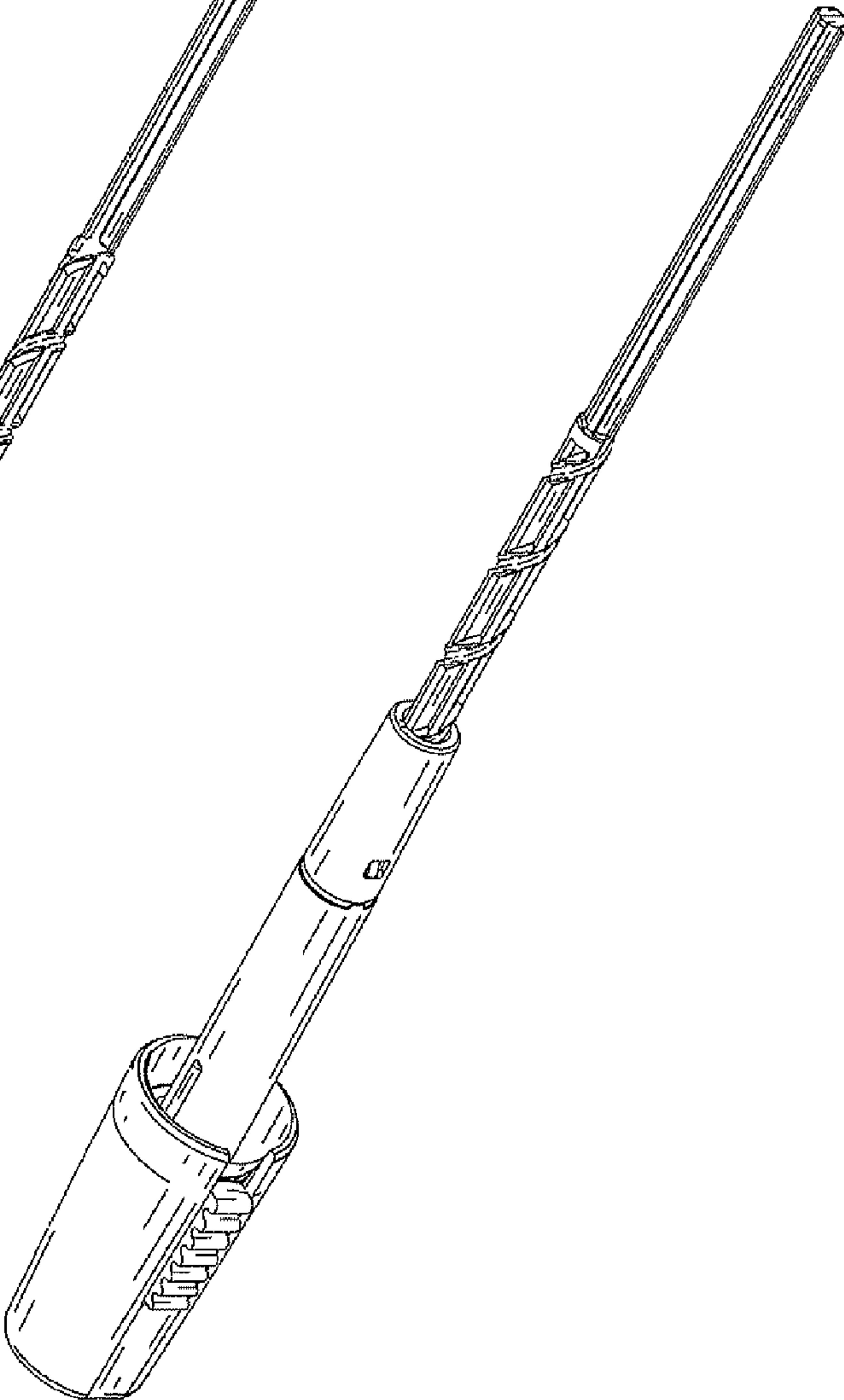


FIG. 23



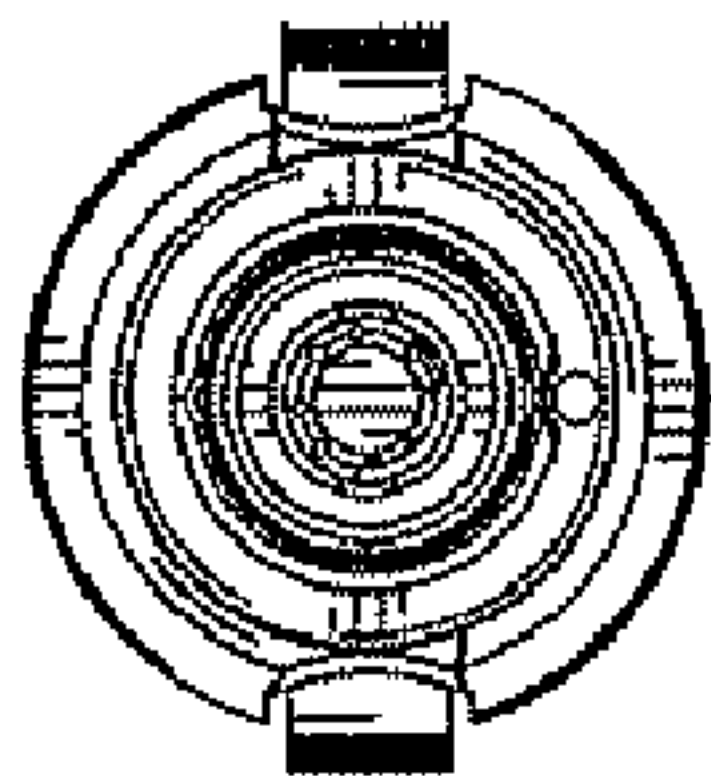


FIG. 24

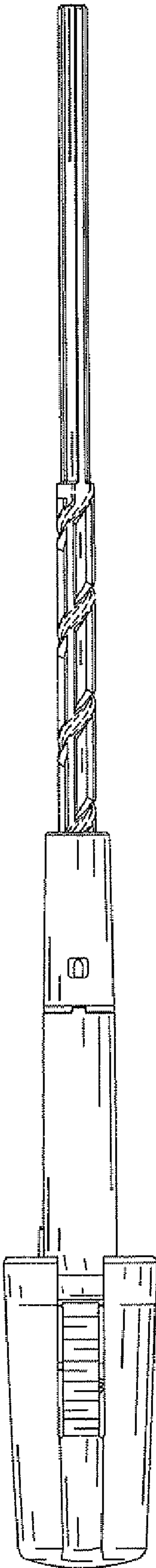


FIG. 25

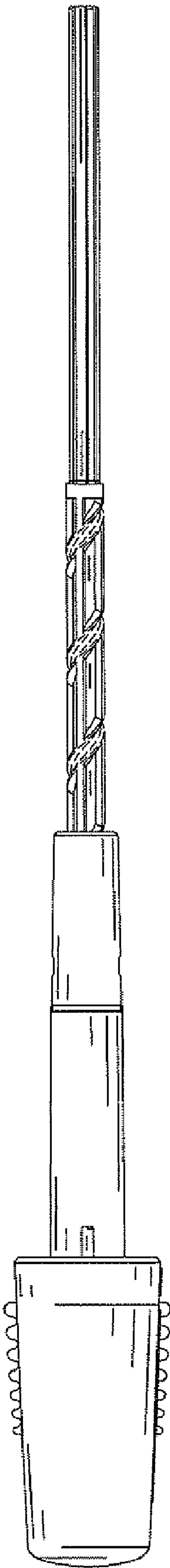


FIG. 27

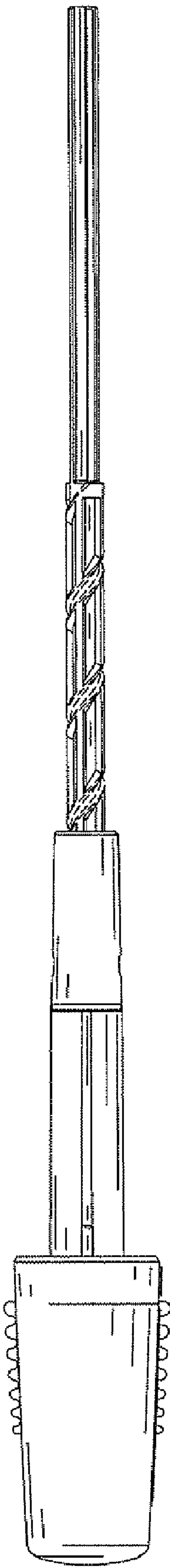


FIG. 28

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : Des. 606,190 S
APPLICATION NO. : 29/324590
DATED : December 15, 2009
INVENTOR(S) : Terrell Pruitt et al.

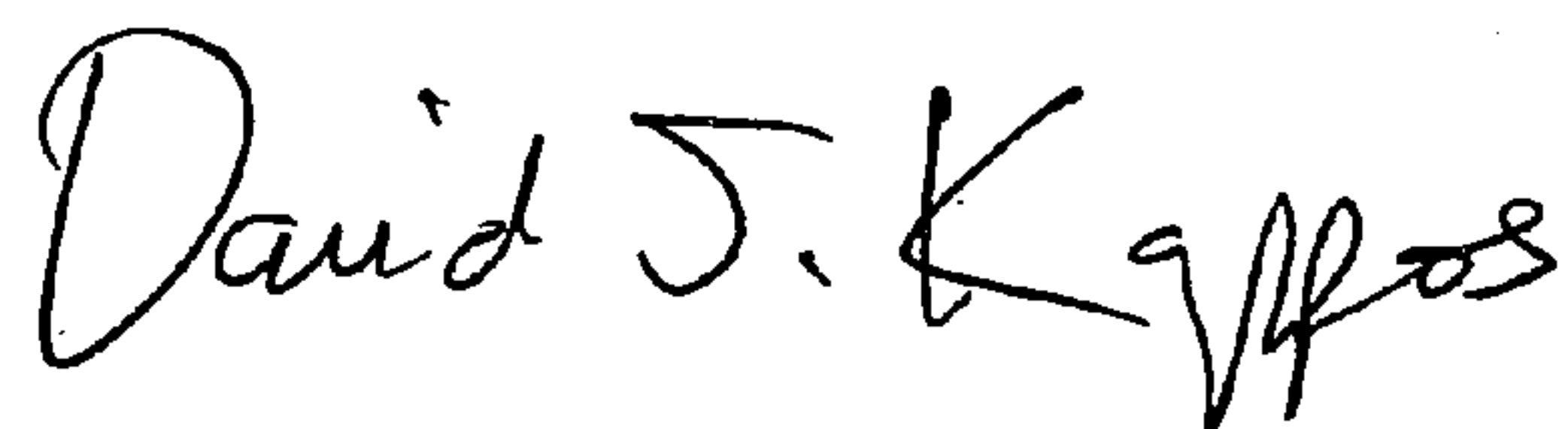
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page Item (75), replace "Lawnreceville" with --Lawrenceville--.

Signed and Sealed this

Sixth Day of July, 2010

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large, stylized "D" and "K".

David J. Kappos
Director of the United States Patent and Trademark Office