



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**

(75) Inventors: **Terrell Pruitt**, Lawnreeville, GA (US); **Stephen A. Cochran**, Tucker, GA (US); **Bryan Marshall**, Philadelphia, PA (US); **Yandong Su**, Atlanta, GA (US); **John DePiano**, Burlington, MA (US); **Gary F. Prokop**, Wheaton, IL (US); **Martin Rathgeber**, Chicago, IL (US); **Kenneth Justin Washenik**, Los Angeles, CA (US)

(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**

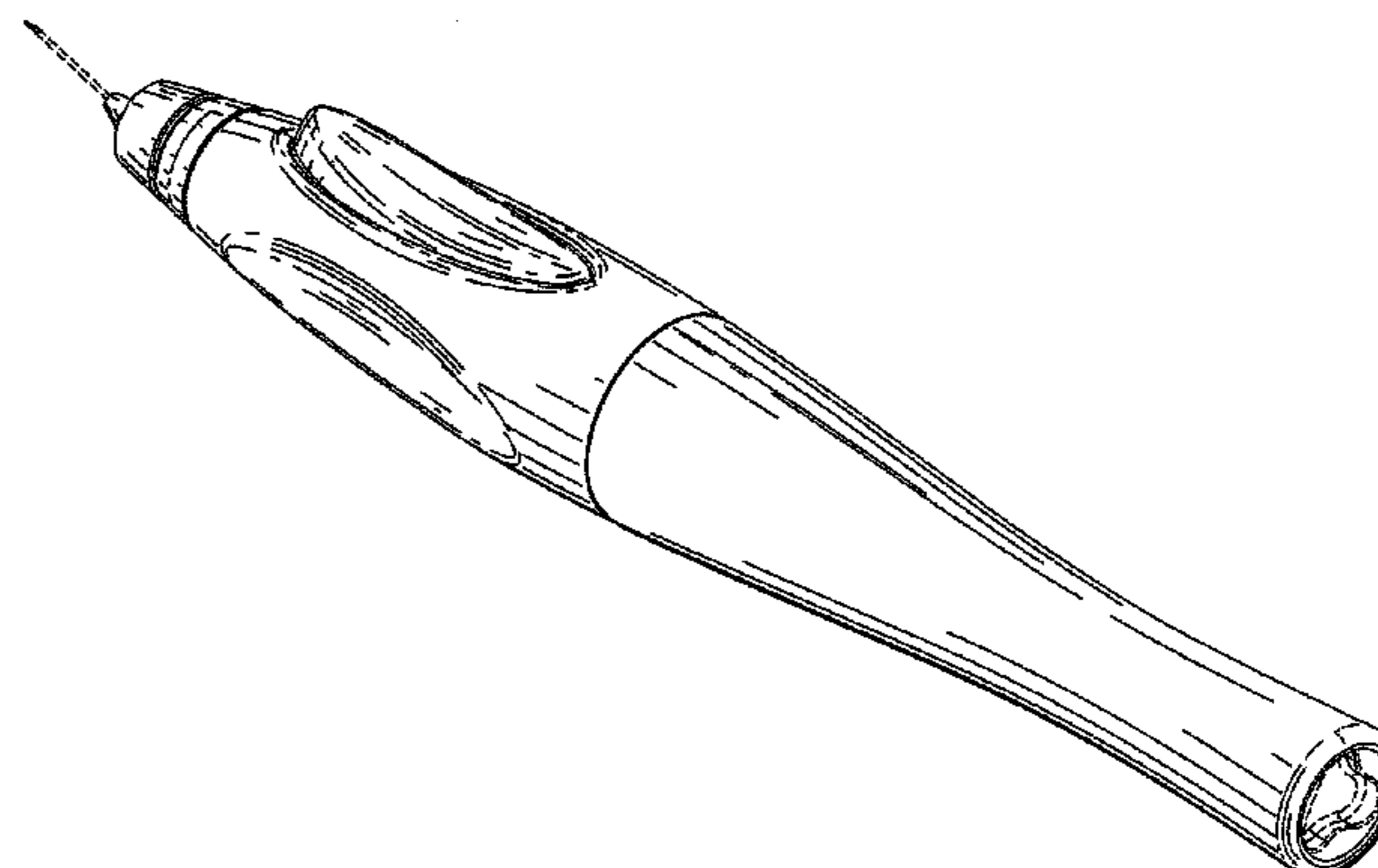
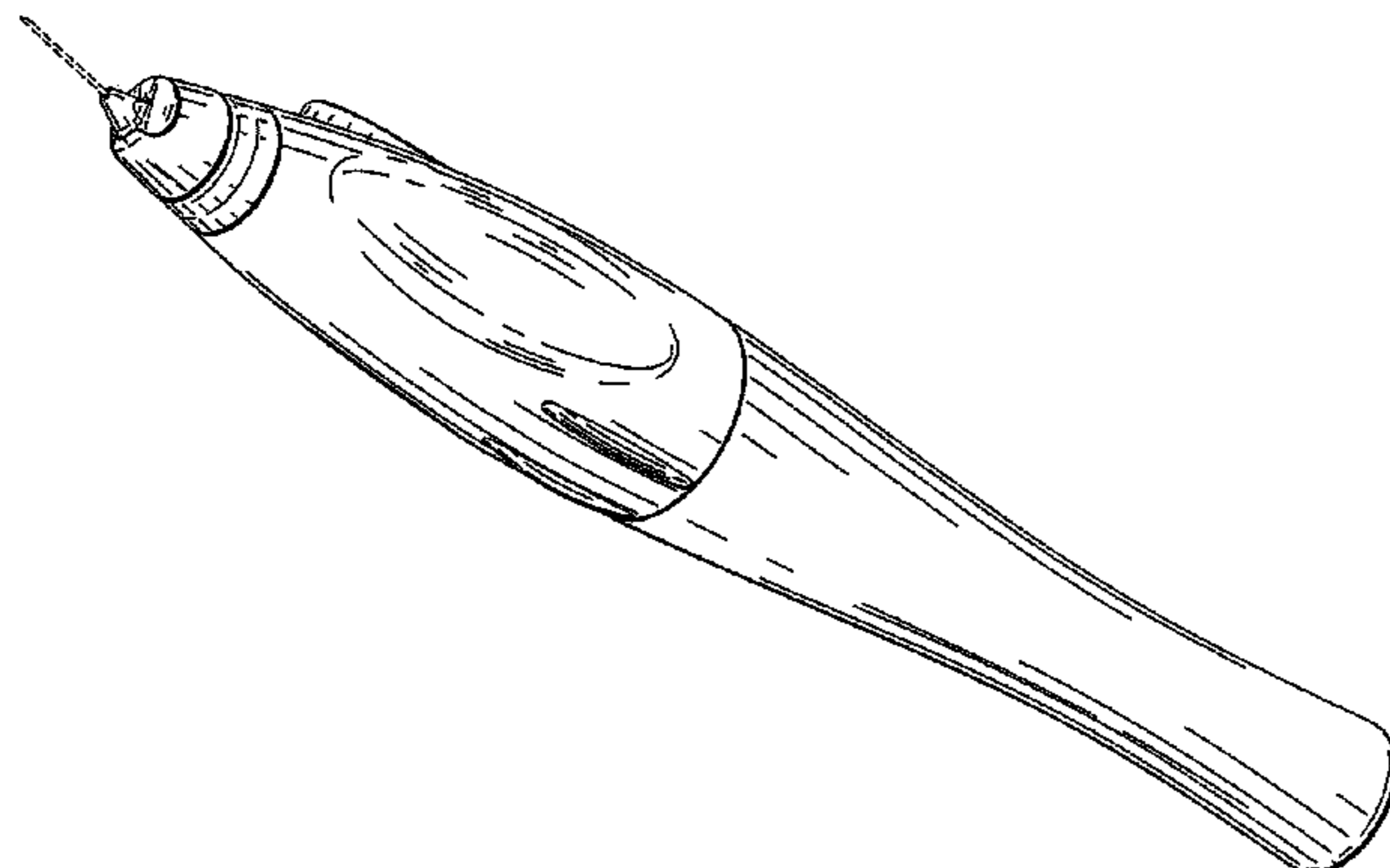
JP 2001302520 10/2001  
JP 2003235990 8/2003  
WO WO 00/09184 2/2000  
WO WO 00/45736 10/2000  
WO WO 01/66472 9/2001  
WO WO 01/70291 9/2001  
WO WO 02/060396 8/2002  
WO WO 02/083216 10/2002  
WO WO 03/068248 8/2003  
WO WO 05/018731 3/2005

\* 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**

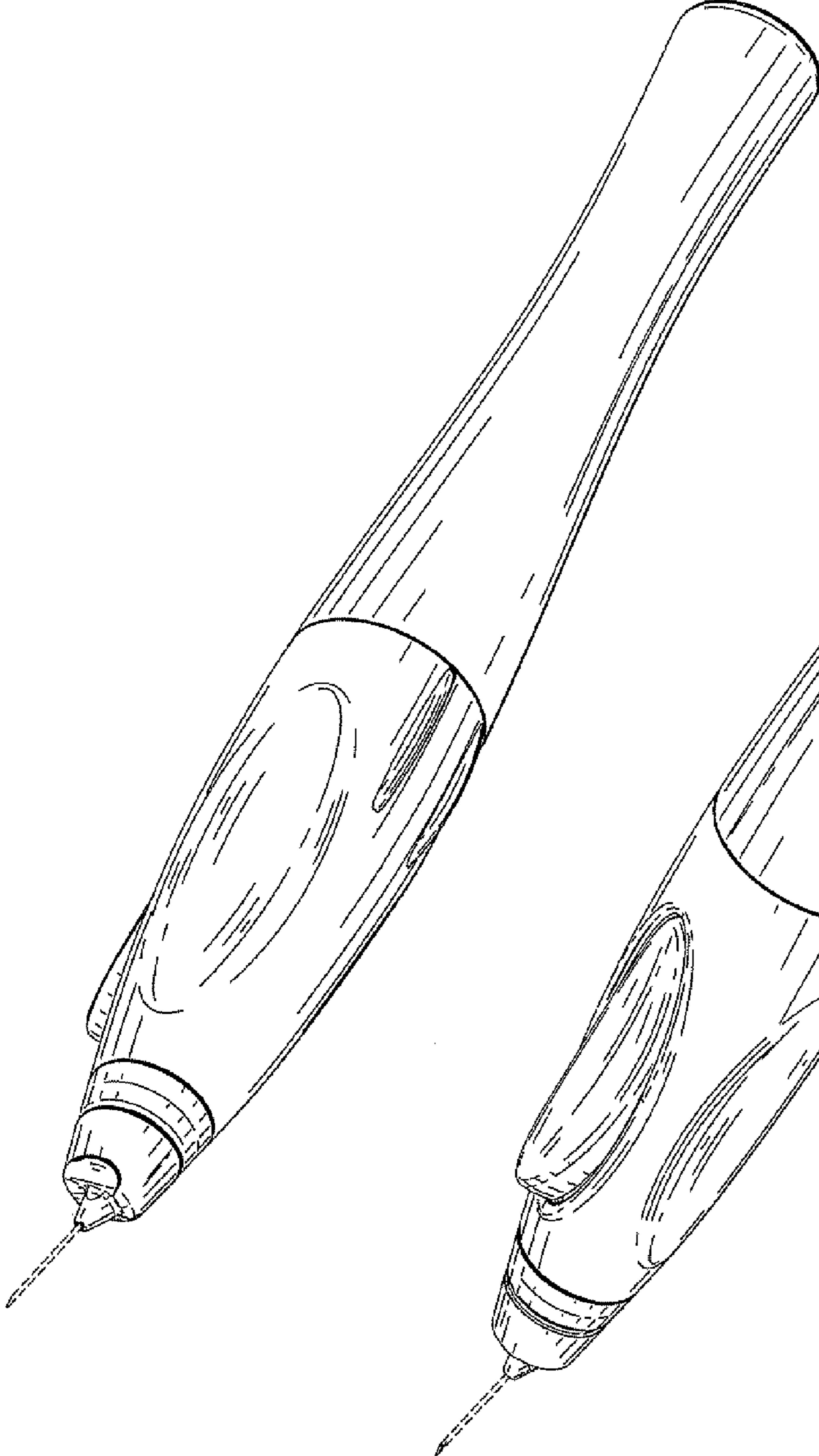


FIG. 1

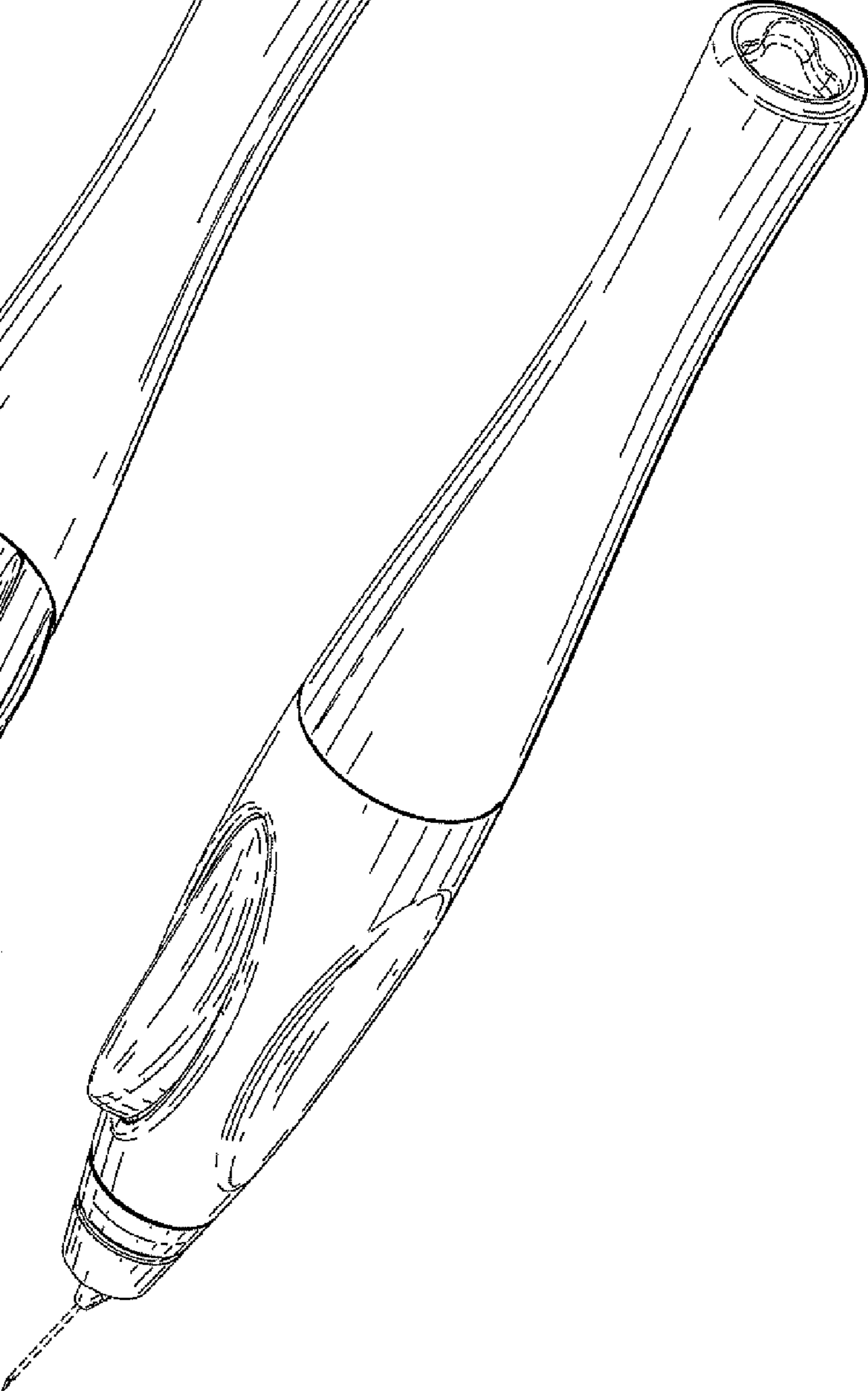


FIG. 2

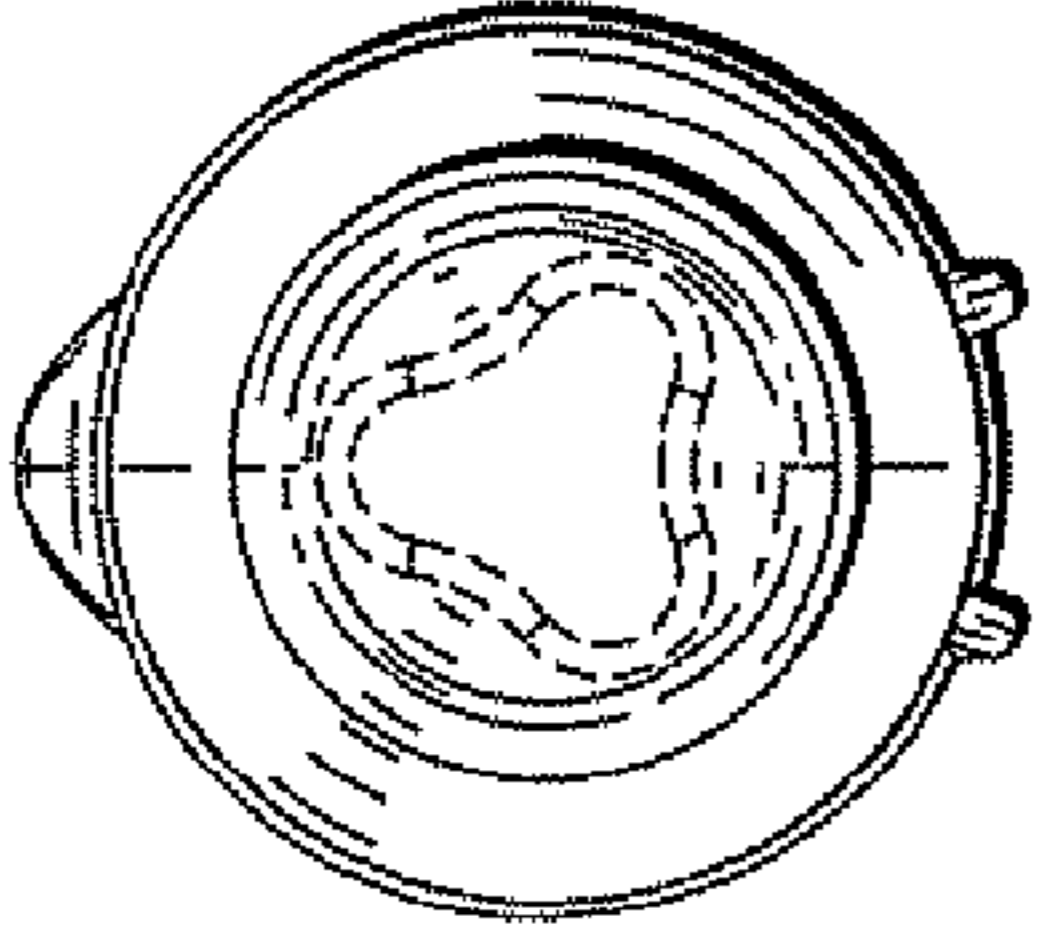


FIG. 3

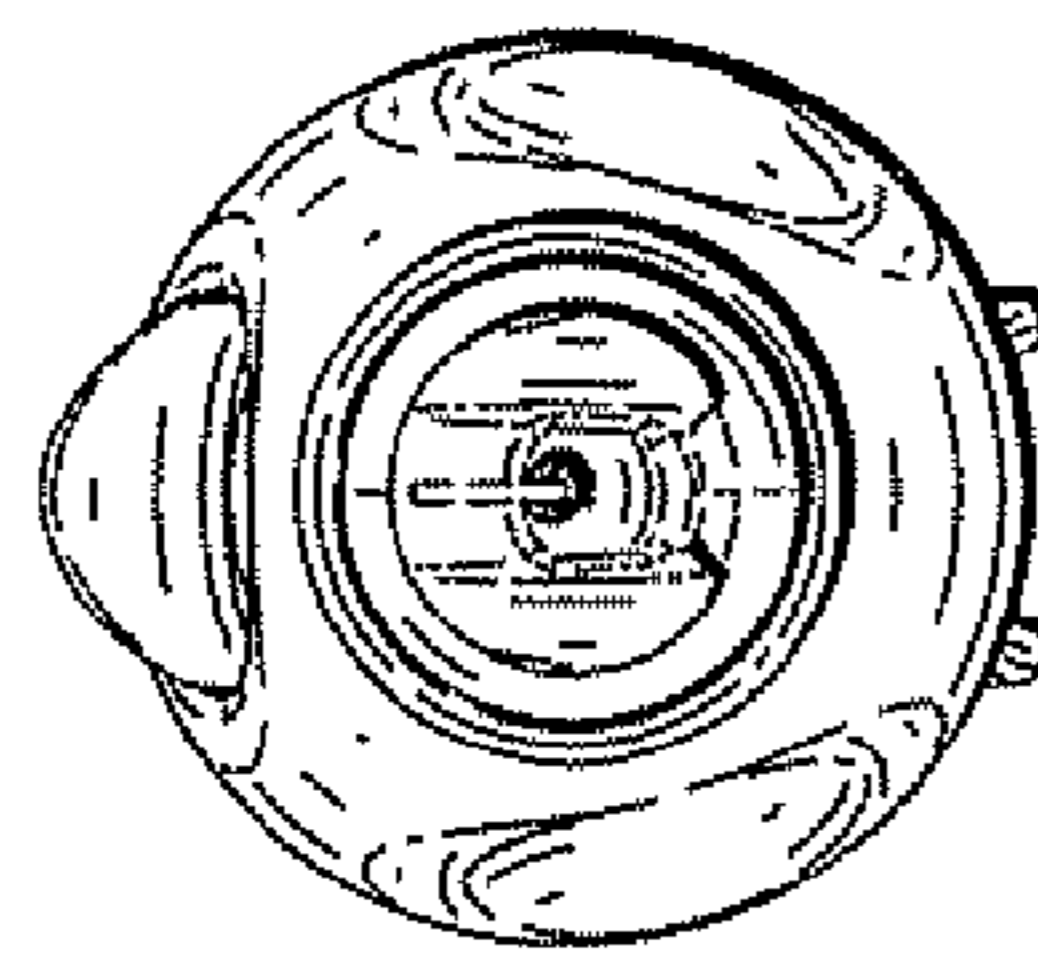


FIG. 4

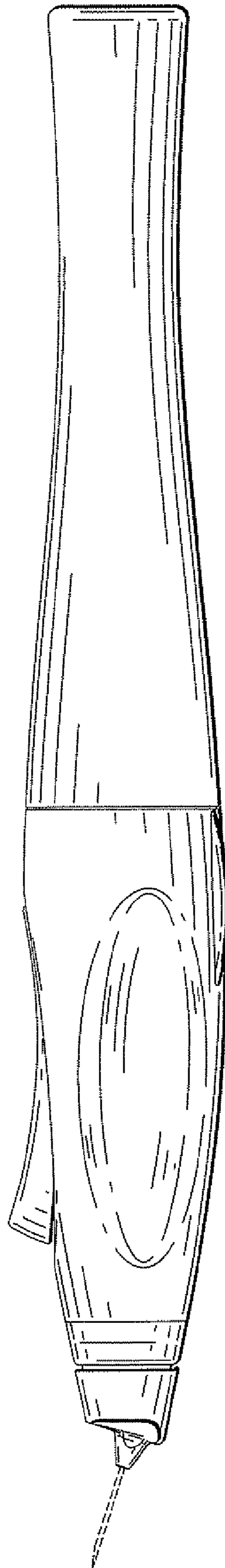


FIG. 5

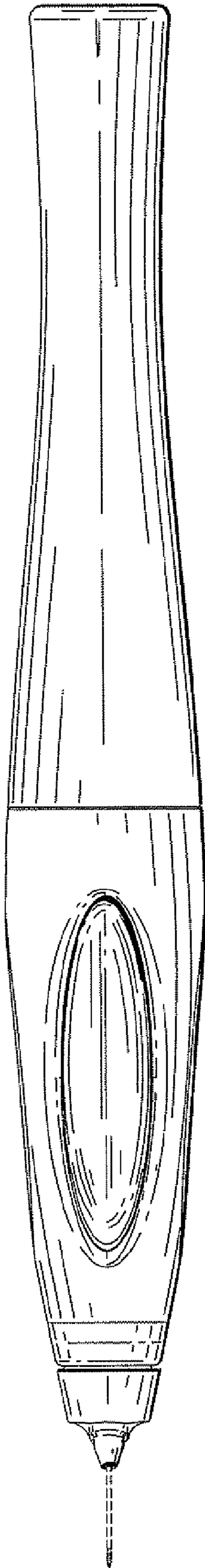


FIG. 6

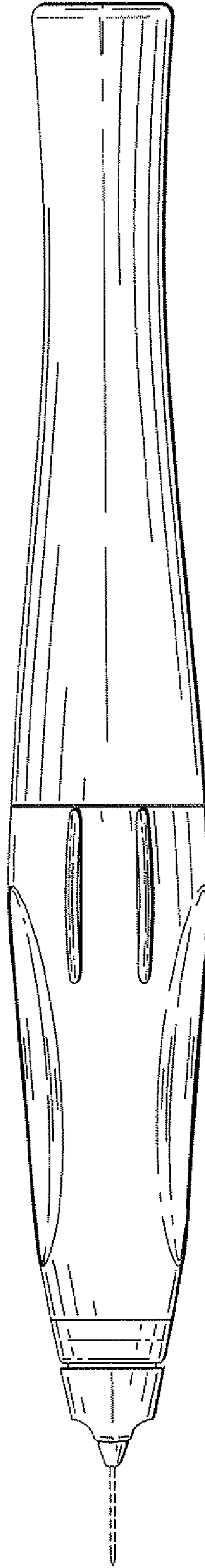


FIG. 7

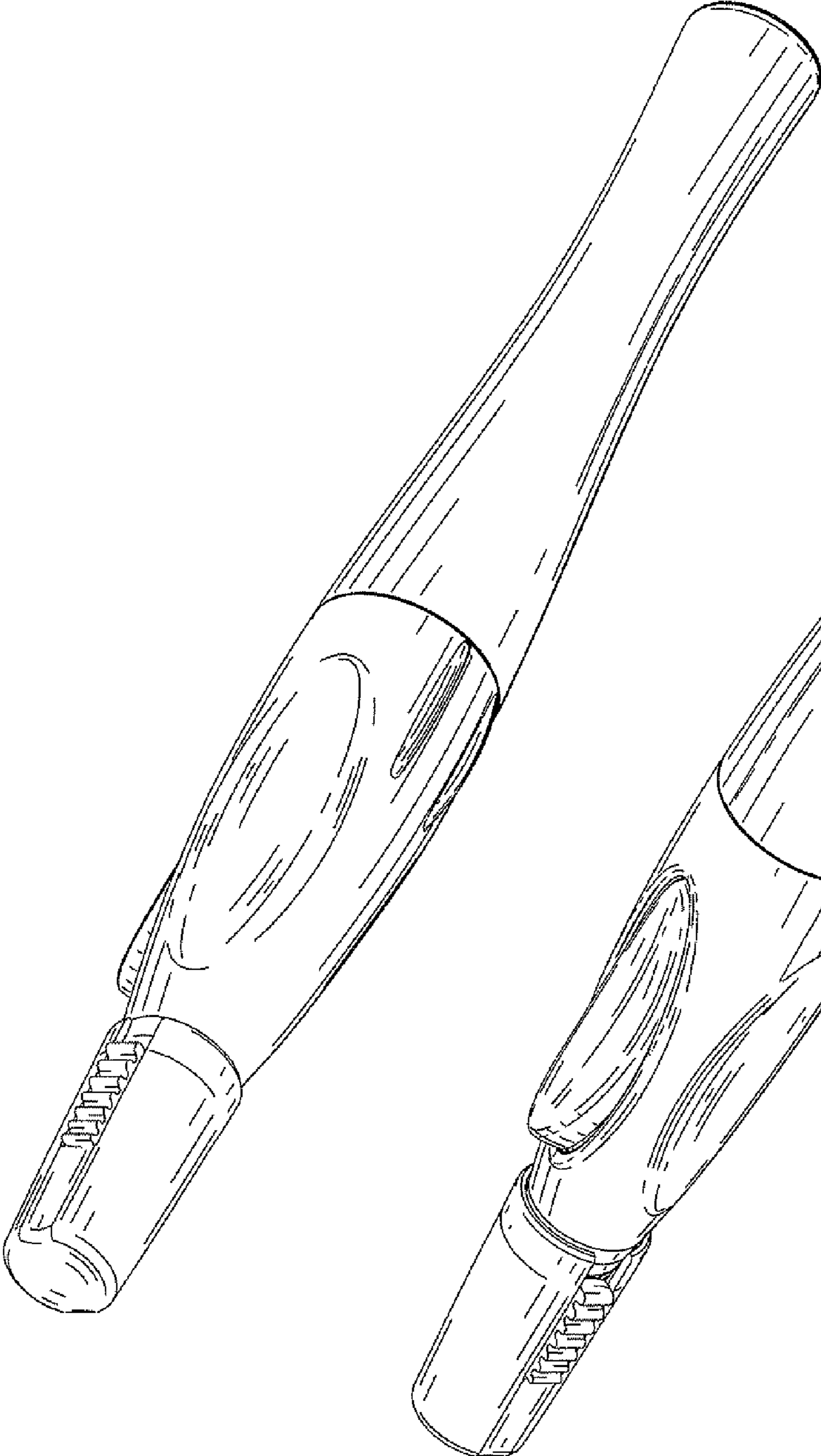


FIG. 8

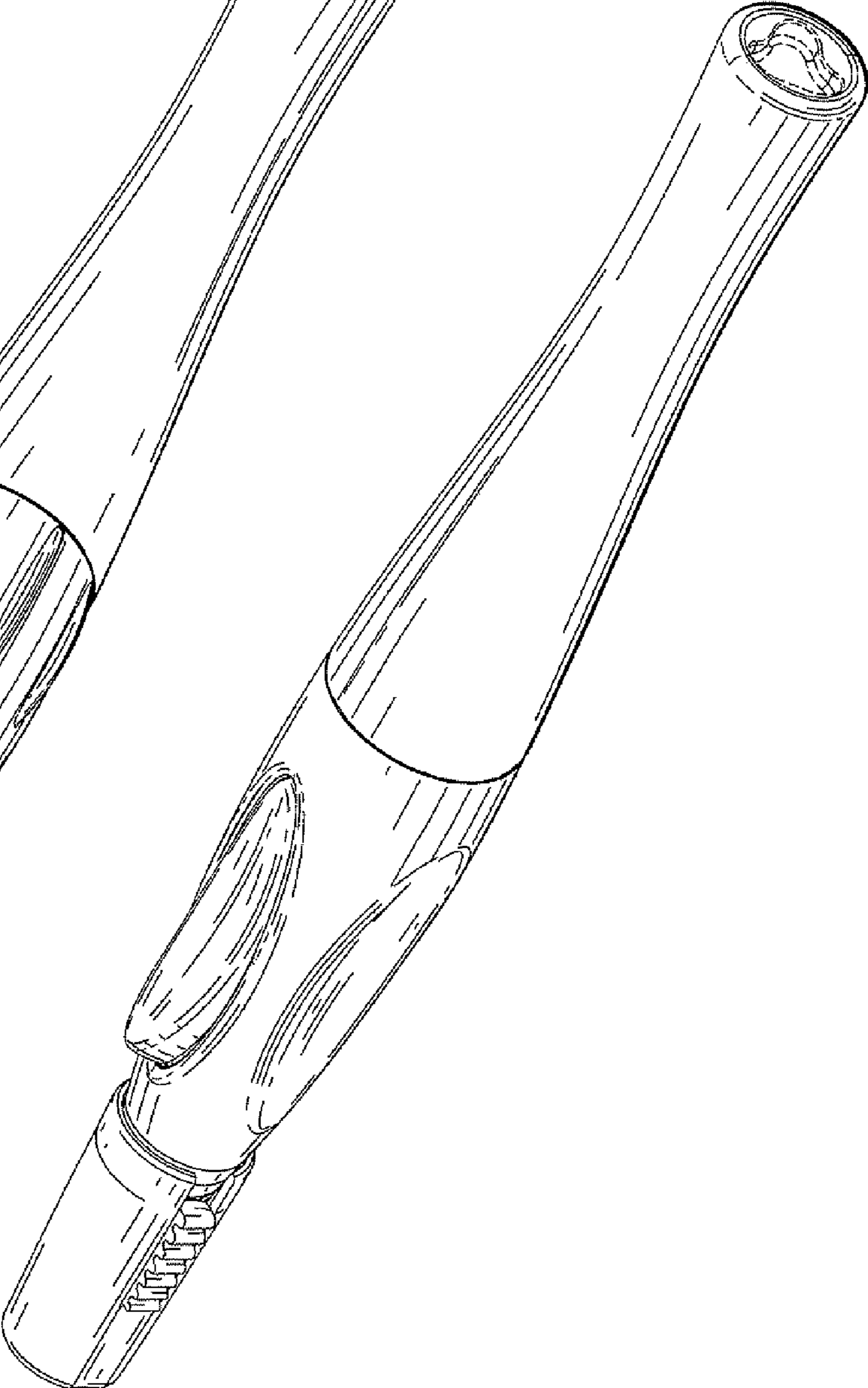


FIG. 9

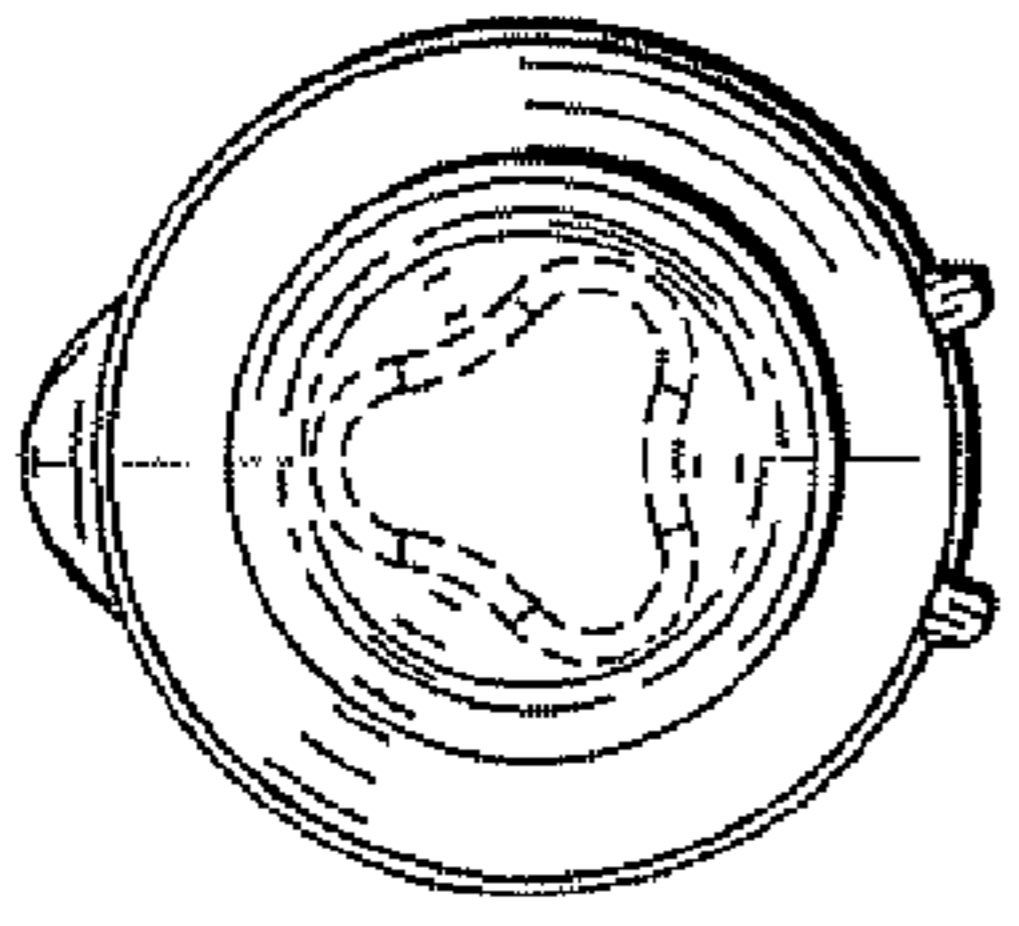


FIG. 10

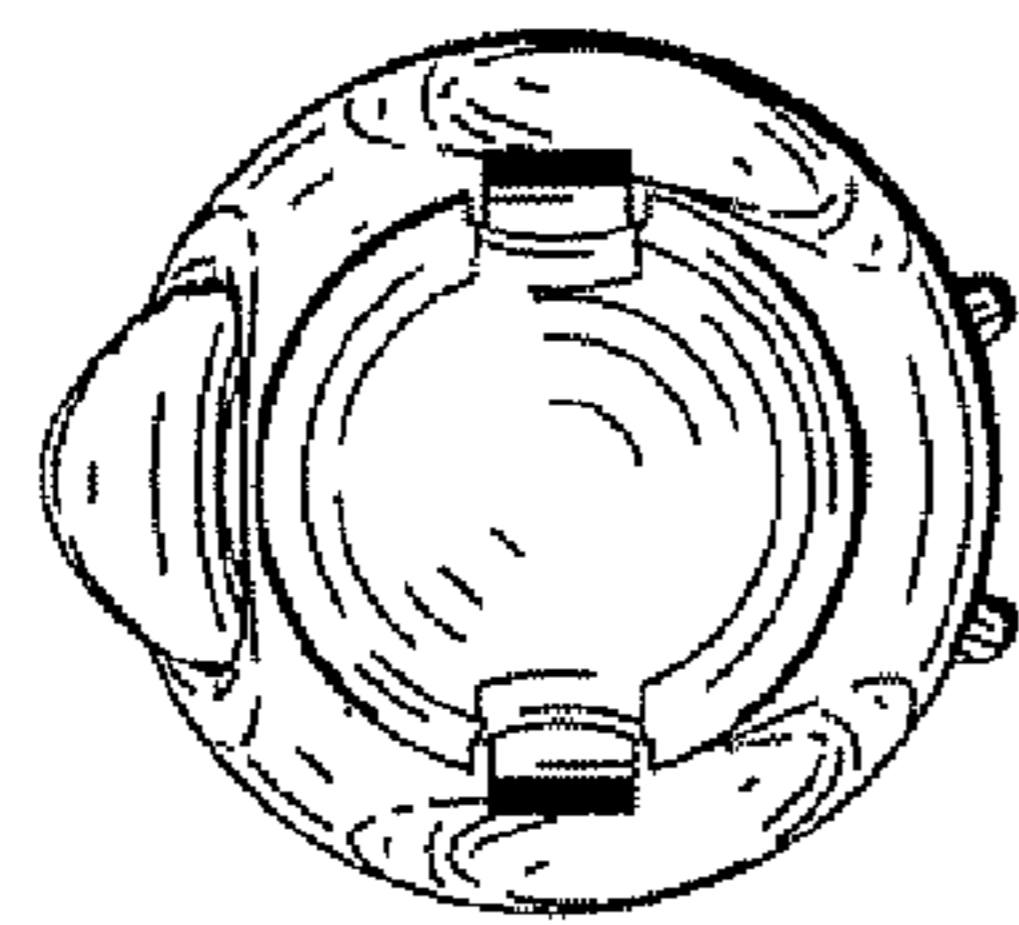


FIG. 11

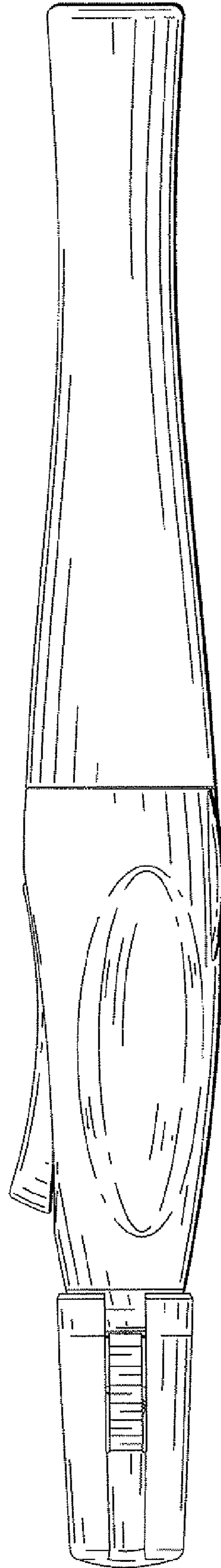


FIG. 12

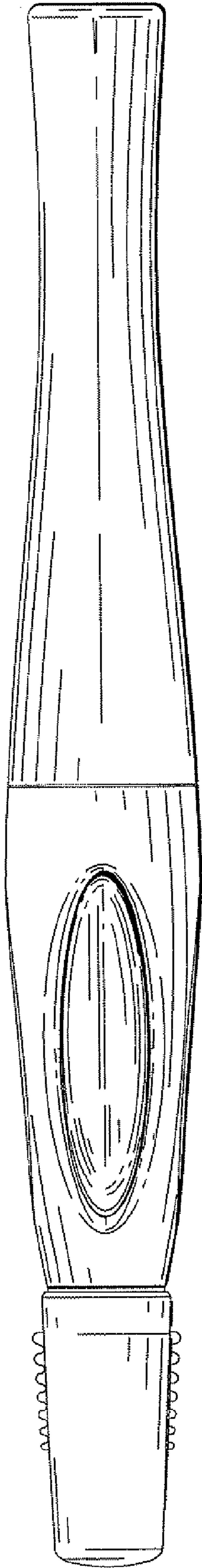


FIG. 13

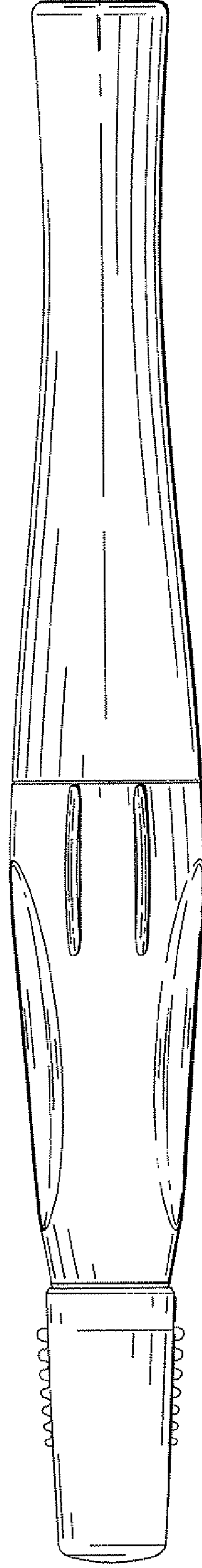


FIG. 14



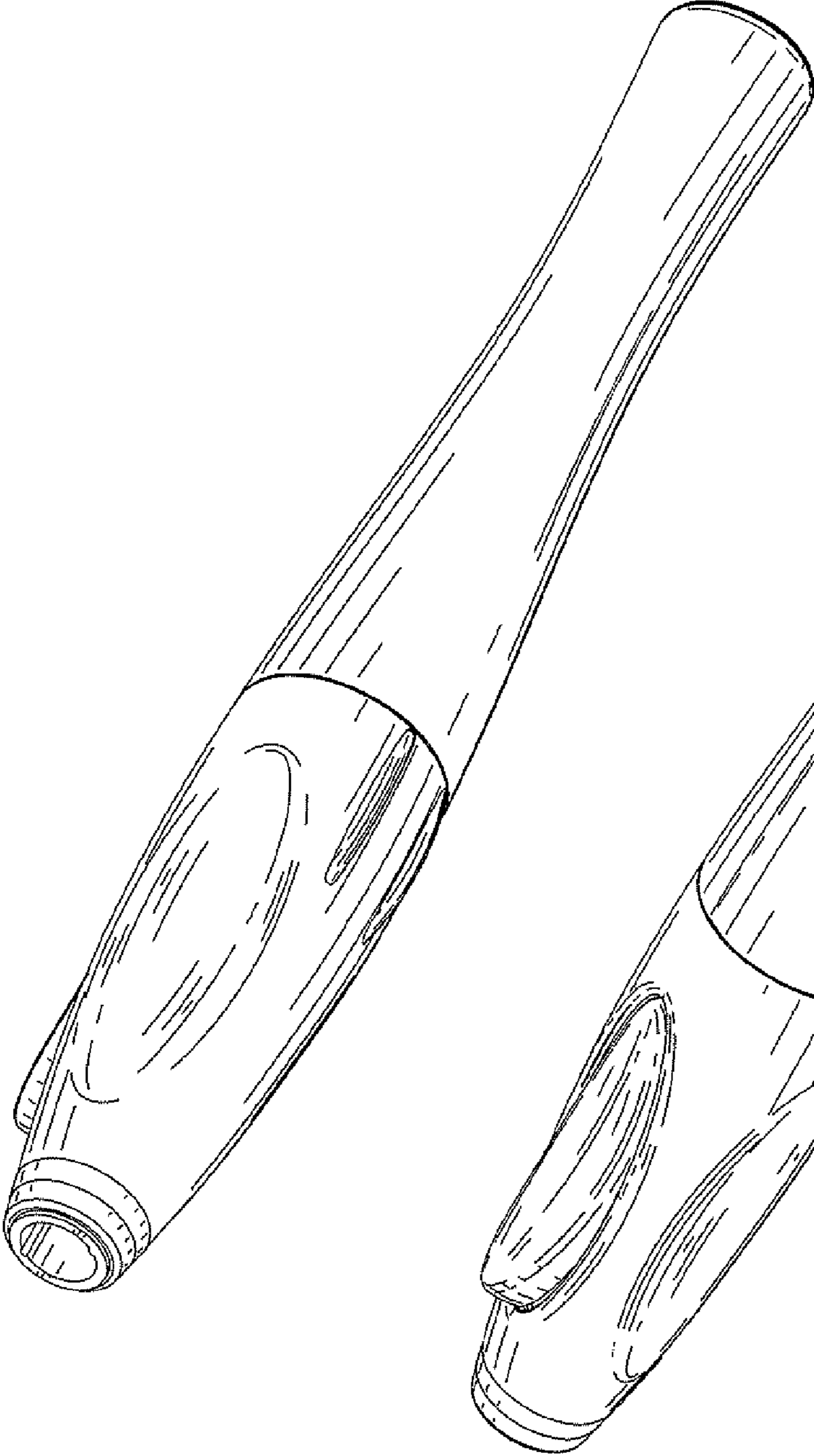


FIG. 15

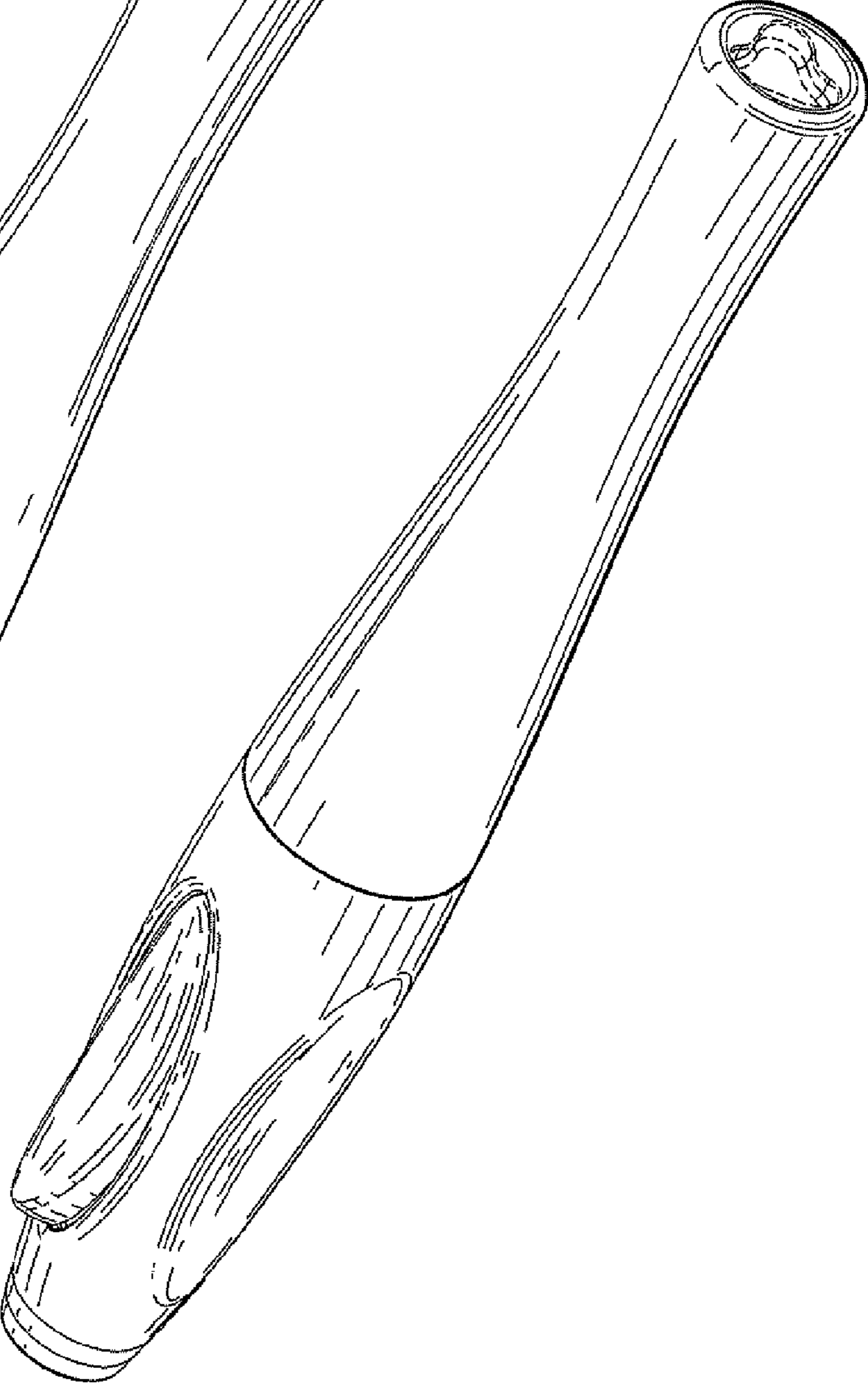


FIG. 16

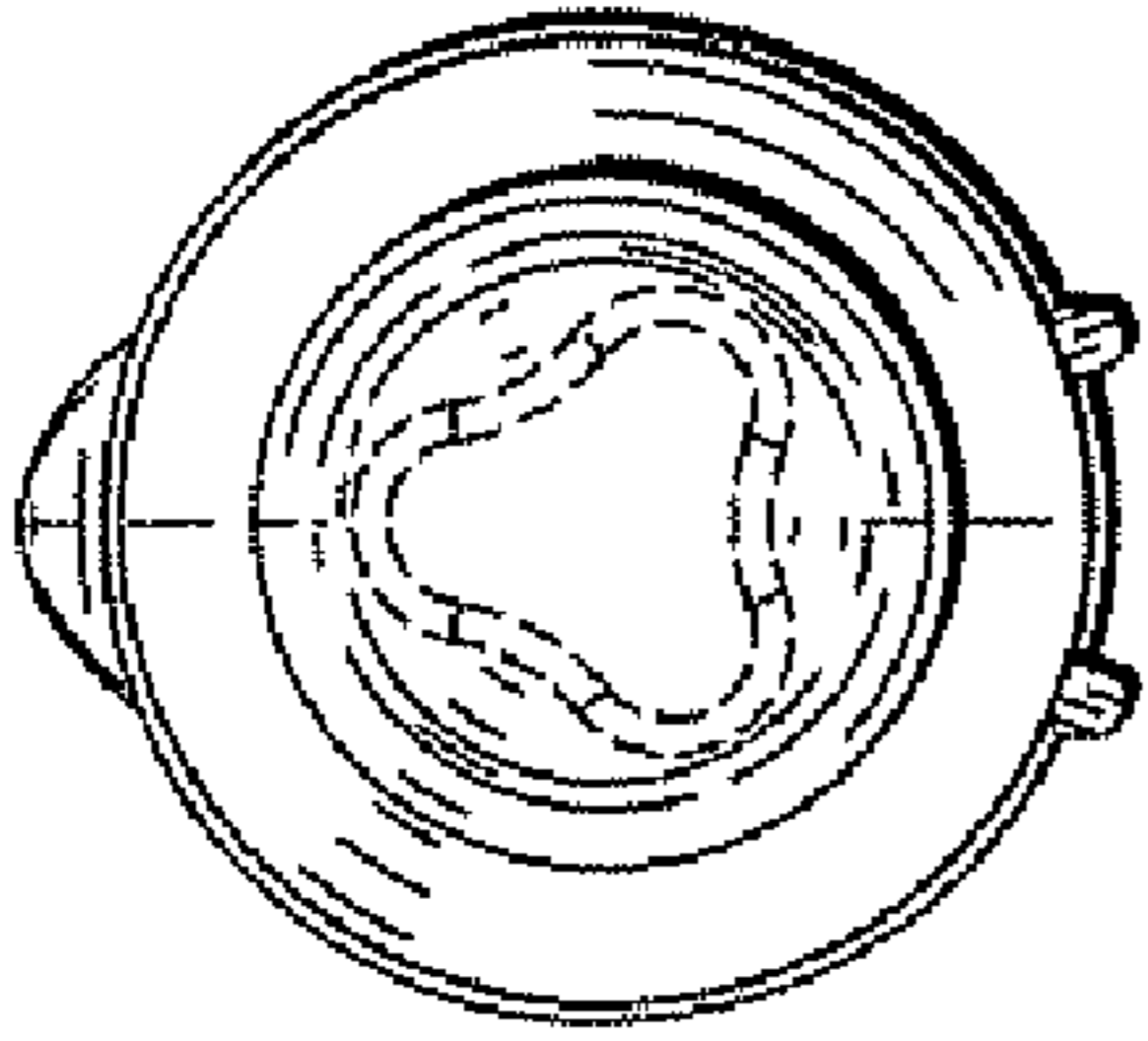


FIG. 17

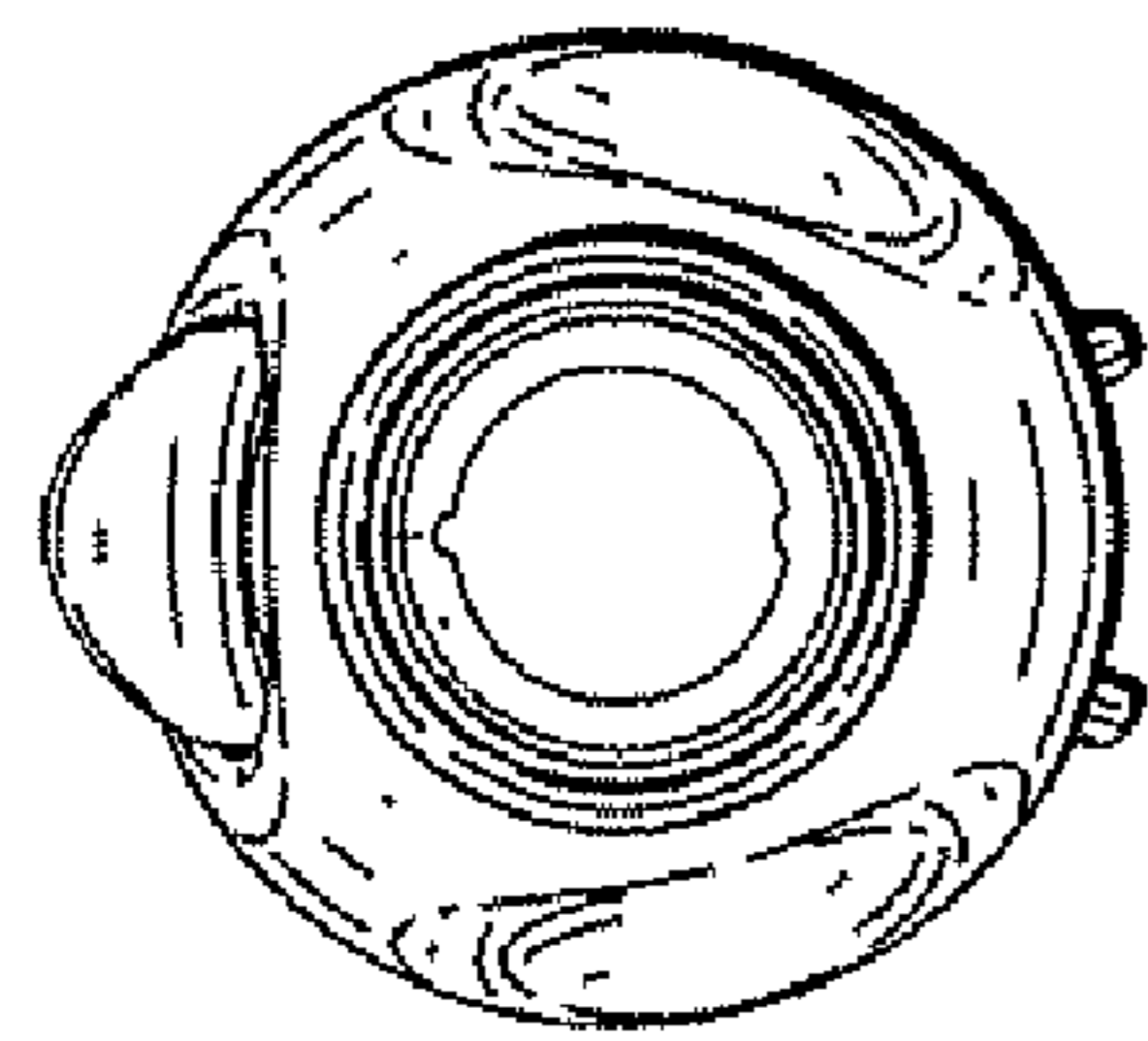


FIG. 18

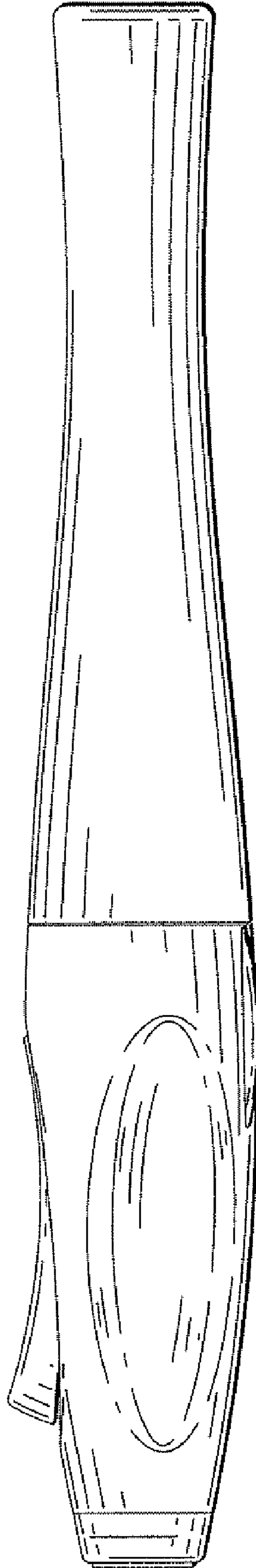


FIG. 19

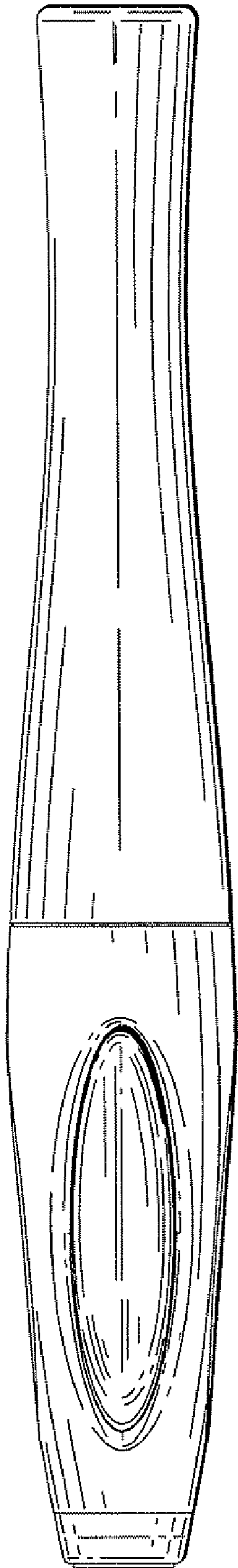


FIG. 20

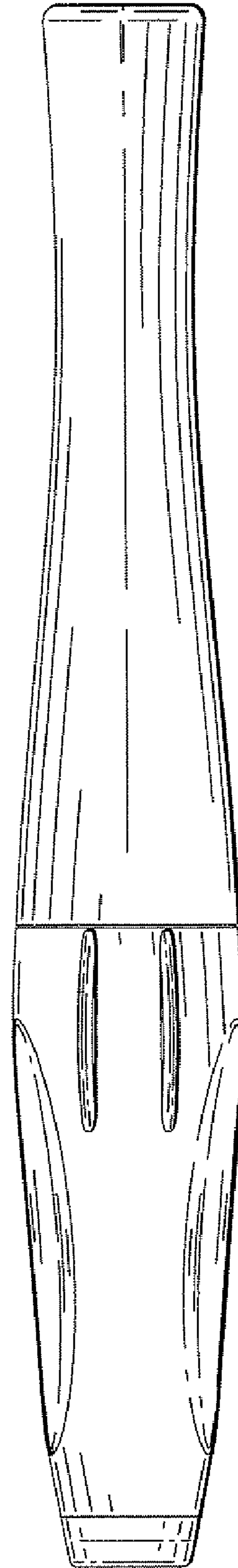


FIG. 21

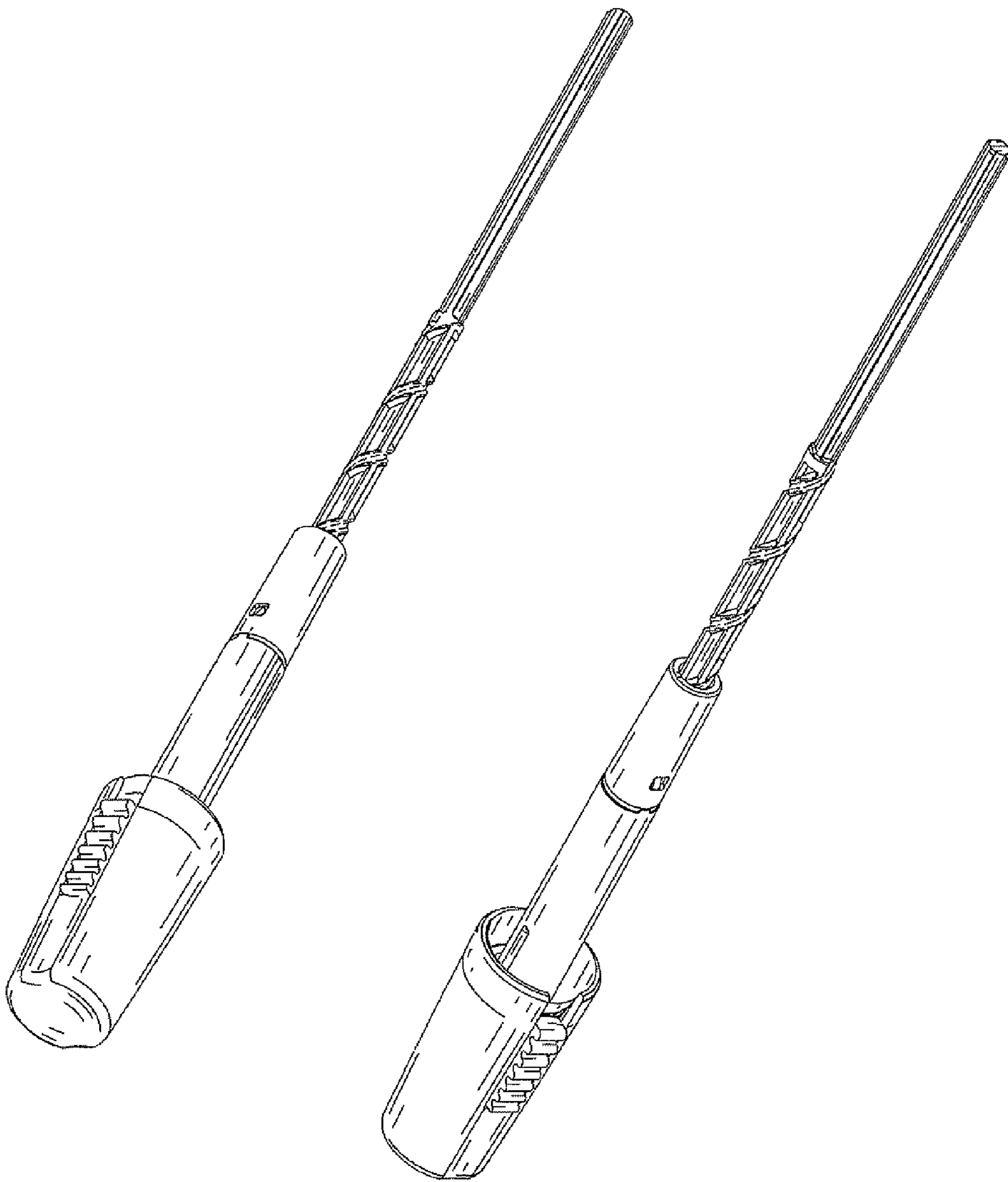


FIG. 22

FIG. 23

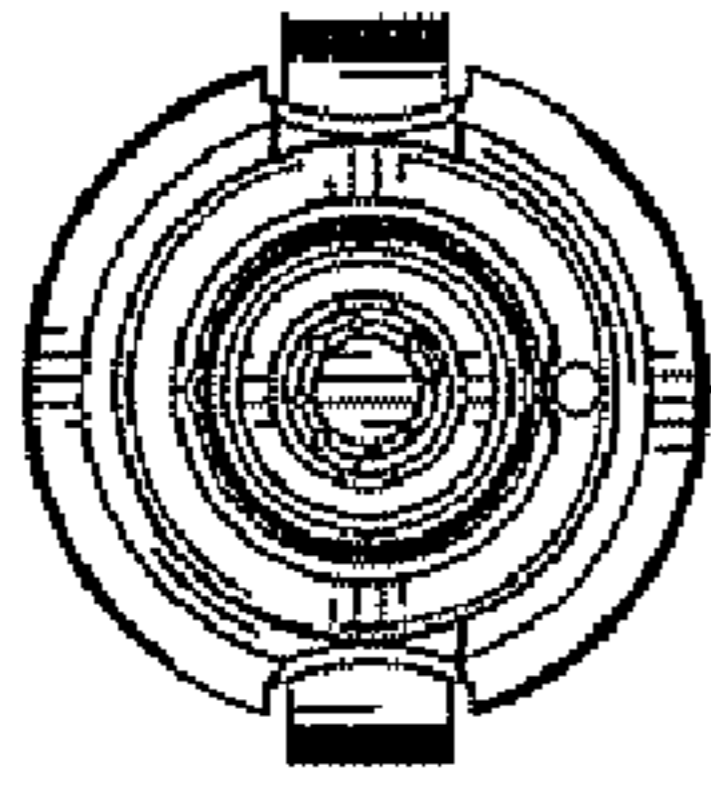


FIG. 25

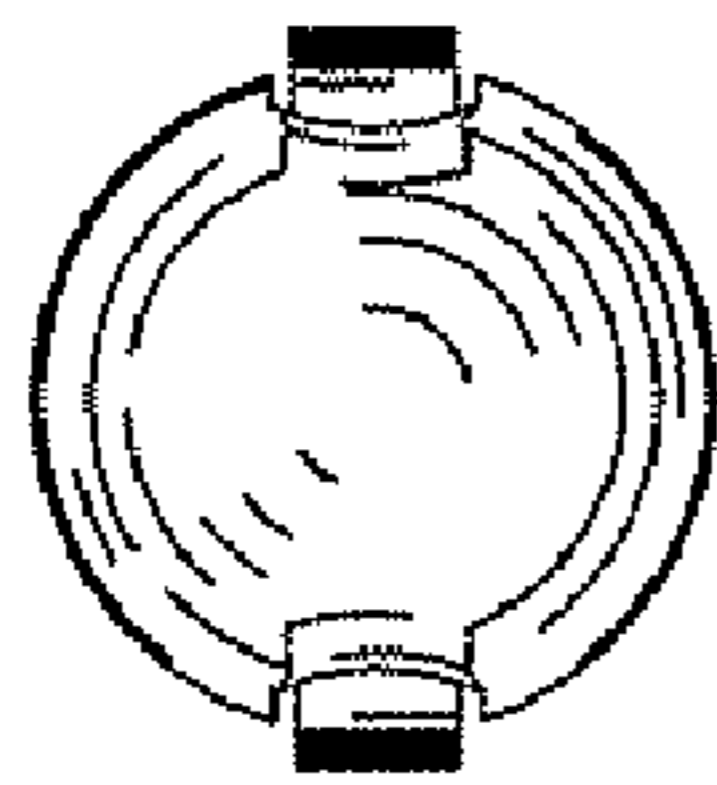


FIG. 24

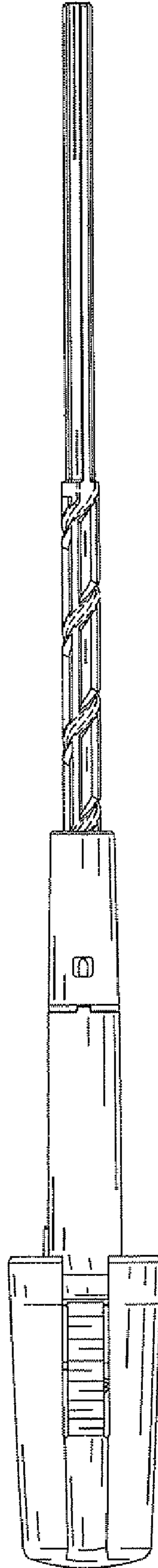


FIG. 26

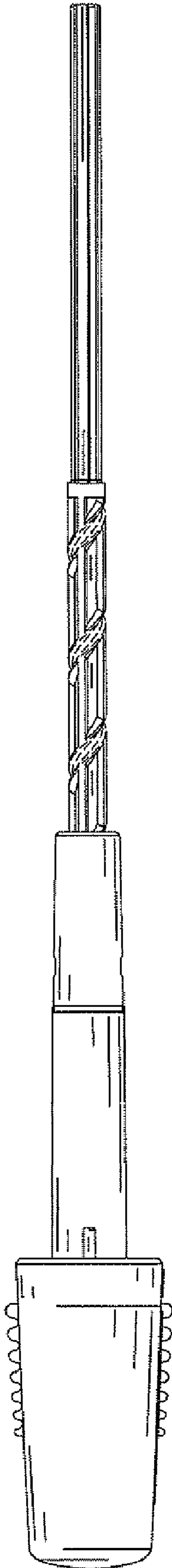


FIG. 27

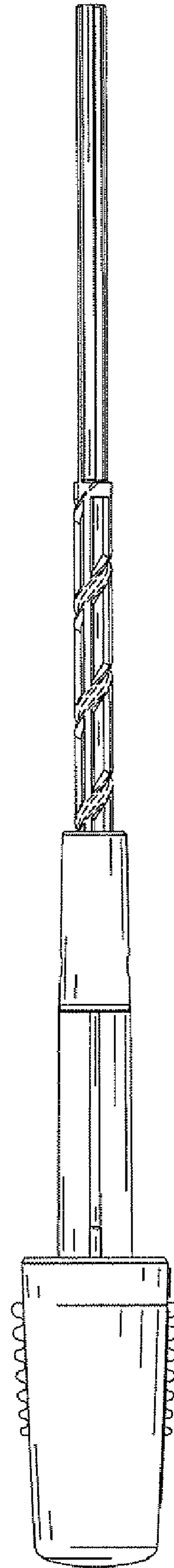


FIG. 28

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 that reads "David J. Kappos". The signature is written in a cursive, flowing style.

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