



US00D592746S

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

(10) **Patent No.:** **US D592,746 S**  
(45) **Date of Patent:** **\*\* May 19, 2009**

- (54) **OCULAR IMPLANTATION DEVICE**
- (75) Inventors: **Brian Highley**, Keller, TX (US);  
**Morgan Beeson**, Irving, TX (US);  
**Randy Jackson**, Irving, TX (US);  
**Antonio Cutino**, Cumming, GA (US)
- (73) Assignee: **Alimera Sciences**, Alpharetta, GA (US)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/297,333**
- (22) Filed: **Nov. 8, 2007**
- (51) **LOC (9) Cl.** ..... **24-02**
- (52) **U.S. Cl.** ..... **D24/133**
- (58) **Field of Classification Search** ..... D24/133,  
D24/140, 150, 157; 606/107, 108, 161, 166,  
606/167; 623/6.12, 5.11; 604/9  
See application file for complete search history.

4,907,587 A 3/1990 Fedorov et al.  
4,915,686 A 4/1990 Frederick  
4,919,130 A 4/1990 Stoy et al.

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 0 415 504 7/1993

(Continued)

*Primary Examiner*—Ian Simmons

*Assistant Examiner*—Anna J Burmeister

(74) *Attorney, Agent, or Firm*—Brinks Hofer Gilson & Lione

(57) **CLAIM**

The ornamental design for an ocular implantation device, as shown and described.

**DESCRIPTION**

FIG. 1 is a front and top perspective view of Embodiment 1 of an ocular implantation device, showing our new design;

FIG. 2 is a right side elevational view thereof, whereas the left side elevational view;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a front elevational view thereof;

FIG. 6 is a rear elevational view thereof;

FIG. 7 is a front and top perspective view of Embodiment 2 of an ocular implantation device, showing our new design;

FIG. 8 is a right side elevational view thereof, whereas the left side elevational view;

FIG. 9 is a top plan view thereof;

FIG. 10 is a bottom plan view thereof;

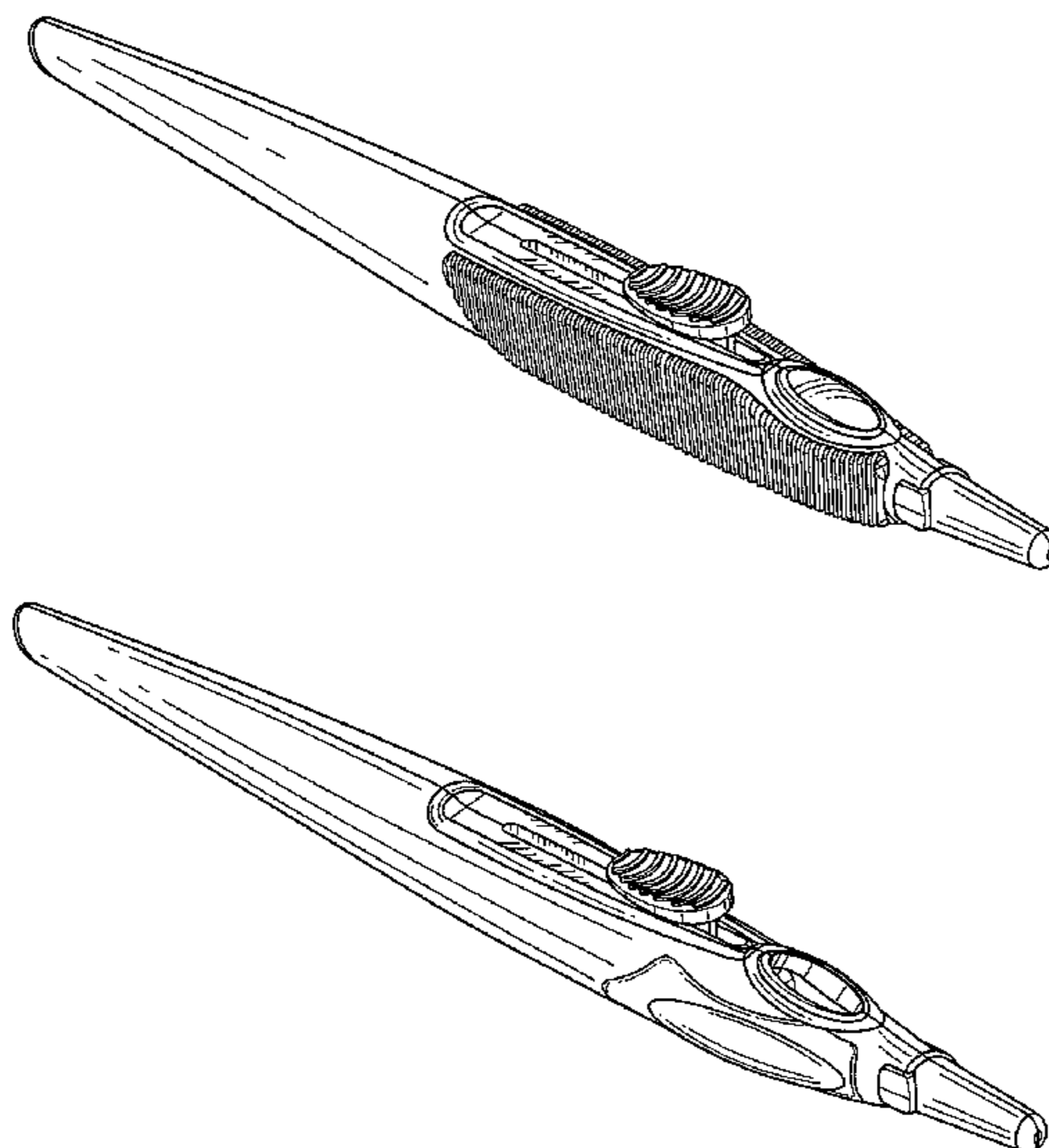
FIG. 11 is a front elevational view thereof; and,

FIG. 12 is a rear elevational view thereof.

**1 Claim, 6 Drawing Sheets**

(56) **References Cited**  
U.S. PATENT DOCUMENTS

842,631 A	1/1907	Deperdussin	
3,220,413 A	11/1965	Sunnen	
3,238,941 A	3/1966	Klein et al.	
3,698,390 A	10/1972	Ferris	
3,921,632 A	11/1975	Bardani	
3,937,370 A	2/1976	Witty	
4,077,406 A	3/1978	Sandhage et al.	
4,105,030 A	8/1978	Kercso	
4,447,223 A	5/1984	Kaye et al.	
4,451,254 A	5/1984	Dinius et al.	
4,597,753 A	7/1986	Turley	
D287,879 S *	1/1987	Braxton et al. ....	D24/144
4,659,326 A	4/1987	Johnson et al.	
4,715,373 A	12/1987	Mazzocco et al.	
4,759,359 A	7/1988	Willis et al.	
4,799,478 A	1/1989	Fedorov et al.	
4,850,970 A	7/1989	Sutherland	
4,900,304 A	2/1990	Fujioka et al.	



# US D592,746 S

Page 2

## U.S. PATENT DOCUMENTS

4,955,889 A 9/1990 Van Gent  
5,014,717 A 5/1991 Lohrmann  
5,059,172 A 10/1991 Sutherland et al.  
5,098,439 A 3/1992 Hill et al.  
5,098,443 A 3/1992 Parel et al.  
5,135,493 A 8/1992 Peschke  
5,178,635 A 1/1993 Gwon et al.  
5,190,552 A 3/1993 Kelman  
5,222,972 A 6/1993 Hill et al.  
5,250,026 A 10/1993 Ehrlich et al.  
5,279,554 A 1/1994 Turley  
5,284,479 A 2/1994 de Jong  
5,300,114 A 4/1994 Gwon et al.  
5,336,206 A 8/1994 Shichman  
5,451,213 A 9/1995 Teicher et al.  
5,466,233 A 11/1995 Weiner et al.  
5,476,511 A 12/1995 Gwon et al.  
5,494,484 A 2/1996 Feingold  
5,499,987 A 3/1996 Feingold  
5,562,676 A 10/1996 Brady et al.  
5,582,613 A 12/1996 Brady et al.  
5,584,304 A 12/1996 Brady  
5,616,148 A 4/1997 Eagles et al.  
5,620,450 A 4/1997 Eagles et al.  
5,643,276 A 7/1997 Zaleski  
5,653,753 A 8/1997 Brady et al.  
5,725,521 A 3/1998 Mueller  
5,735,858 A 4/1998 Makker et al.  
5,776,138 A 7/1998 Vidal et al.  
5,807,400 A 9/1998 Chambers et al.  
5,810,833 A 9/1998 Brady et al.  
5,824,001 A 10/1998 Erskine  
D402,031 S \* 12/1998 Roberts et al. .... D24/144  
D402,757 S \* 12/1998 Davis et al. .... D24/133  
5,921,989 A 7/1999 Deacon et al.  
5,928,245 A 7/1999 Wolf et al.  
5,941,250 A 8/1999 Aramant et al.  
5,947,975 A 9/1999 Kikuchi et al.  
5,947,976 A 9/1999 Van Noy et al.  
5,957,892 A 9/1999 Thorne  
6,010,510 A 1/2000 Brown et al.  
6,051,000 A 4/2000 Heyman  
6,074,397 A 6/2000 Chambers et al.  
6,083,231 A 7/2000 Van Noy et al.  
6,093,193 A 7/2000 Makker et al.  
6,117,443 A 9/2000 Cherif-Cheikh  
6,120,786 A 9/2000 Cherif Cheikh  
6,129,733 A 10/2000 Brady et al.  
6,142,972 A 11/2000 Cheikh  
6,142,995 A \* 11/2000 Cosmescu ..... 606/41  
6,143,001 A 11/2000 Brown et al.  
D434,558 S 12/2000 Brady et al.  
6,159,218 A 12/2000 Aramant et al.  
6,179,843 B1 1/2001 Weiler  
6,190,350 B1 2/2001 Davis et al.  
6,203,549 B1 3/2001 Waldock  
6,231,603 B1 5/2001 Lang et al.  
6,238,433 B1 5/2001 Portney  
6,251,114 B1 6/2001 Farmer et al.  
6,267,768 B1 7/2001 Deacon et al.

6,280,449 B1 8/2001 Blake  
RE37,387 E 9/2001 Brady et al.  
6,355,046 B2 3/2002 Kikuchi et al.  
6,398,789 B1 6/2002 Capetan  
6,413,245 B1 7/2002 Yaacobi et al.  
6,428,545 B2 8/2002 Portney  
D463,555 S \* 9/2002 Etter et al. .... D24/147  
6,447,519 B1 9/2002 Brady et al.  
6,447,520 B1 9/2002 Ott et al.  
6,503,275 B1 1/2003 Cumming  
6,558,395 B2 5/2003 Hjertman et al.  
D475,785 S \* 6/2003 Chang ..... D24/144  
6,605,093 B1 8/2003 Blake  
6,699,285 B2 3/2004 Zapata  
6,723,104 B2 4/2004 Ott  
6,770,093 B2 8/2004 Worst et al.  
6,844,343 B1 1/2005 Pfeleiderer et al.  
6,858,612 B1 2/2005 Pfeleiderer et al.  
D502,542 S \* 3/2005 Cohn et al. .... D24/147  
6,899,717 B2 5/2005 Weber et al.  
6,923,815 B2 8/2005 Brady et al.  
6,936,053 B1 8/2005 Weiss  
6,960,196 B2 11/2005 Prindle  
7,090,681 B2 8/2006 Weber et al.  
7,097,649 B2 8/2006 Meyer  
7,118,552 B2 10/2006 Shaw et al.  
7,147,644 B2 12/2006 Weber et al.  
7,217,274 B2 5/2007 Meyer  
D568,475 S \* 5/2008 Sandel et al. .... D24/147  
2001/0001822 A1 5/2001 Chambers et al.  
2002/0026176 A1 2/2002 Varner et al.  
2002/0151904 A1 10/2002 Feingold et al.  
2002/0165610 A1 11/2002 Waldock  
2002/0173756 A1 11/2002 Waldock  
2003/0050647 A1 3/2003 Brady  
2003/0054023 A1 3/2003 Hughes  
2003/0171723 A1 9/2003 Ponzi  
2003/0176870 A1 9/2003 Ott  
2003/0204252 A1 10/2003 Paul et al.  
2004/0054374 A1 3/2004 Weber et al.  
2004/0147938 A1 7/2004 Dusek et al.  
2004/0215133 A1 10/2004 Weber et al.  
2005/0033308 A1 2/2005 Callahan et al.  
2005/0101967 A1 5/2005 Weber et al.  
2005/0154399 A1 7/2005 Weber et al.  
2005/0203542 A1 9/2005 Weber et al.  
2006/0004381 A1 1/2006 Feingold et al.  
2006/0235430 A1 10/2006 Le et al.  
2006/0241650 A1 10/2006 Weber et al.  
2007/0293873 A1 12/2007 Chang  
2008/0071246 A1 3/2008 Nazzaro et al.

## FOREIGN PATENT DOCUMENTS

EP 0 544 948 9/1995  
WO WO 99/33512 7/1999  
WO WO 99/53991 10/1999  
WO WO 99/59668 11/1999  
WO WO 01/41685 6/2001  
WO WO 03/022174 3/2003  
WO WO 03/035136 5/2003

\* cited by examiner

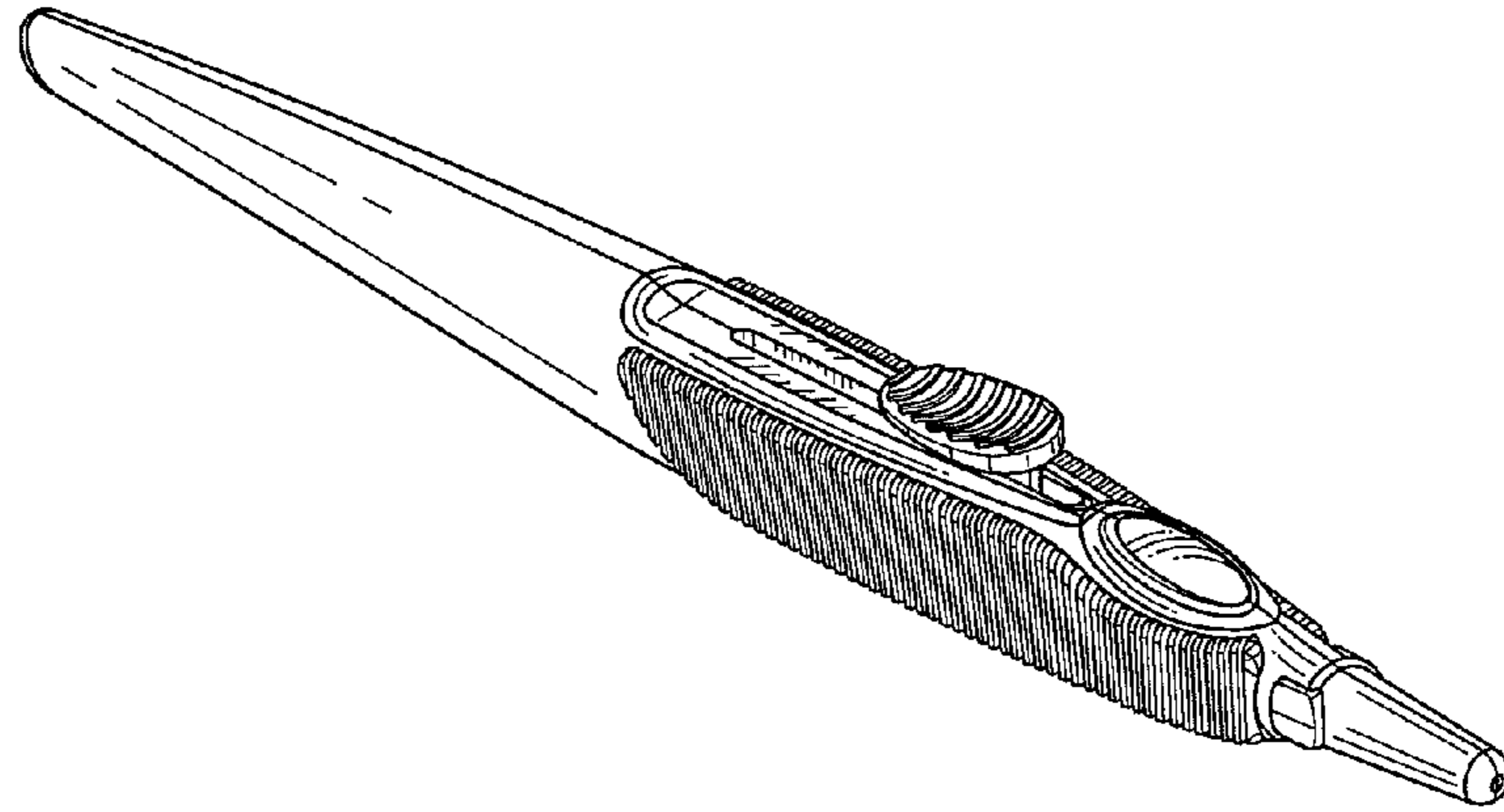


FIG. 1

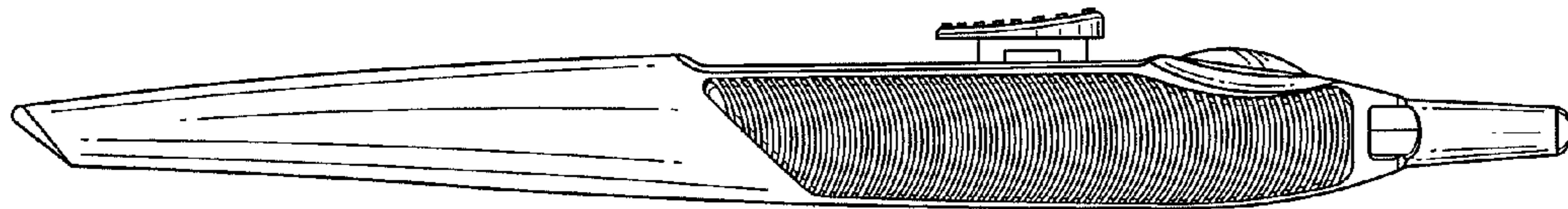


FIG. 2

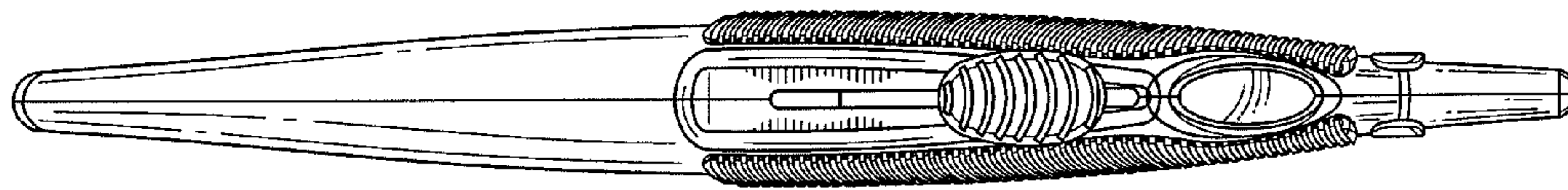


FIG. 3

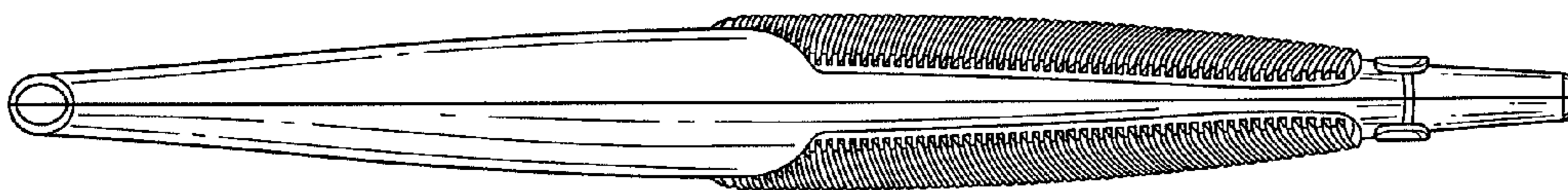
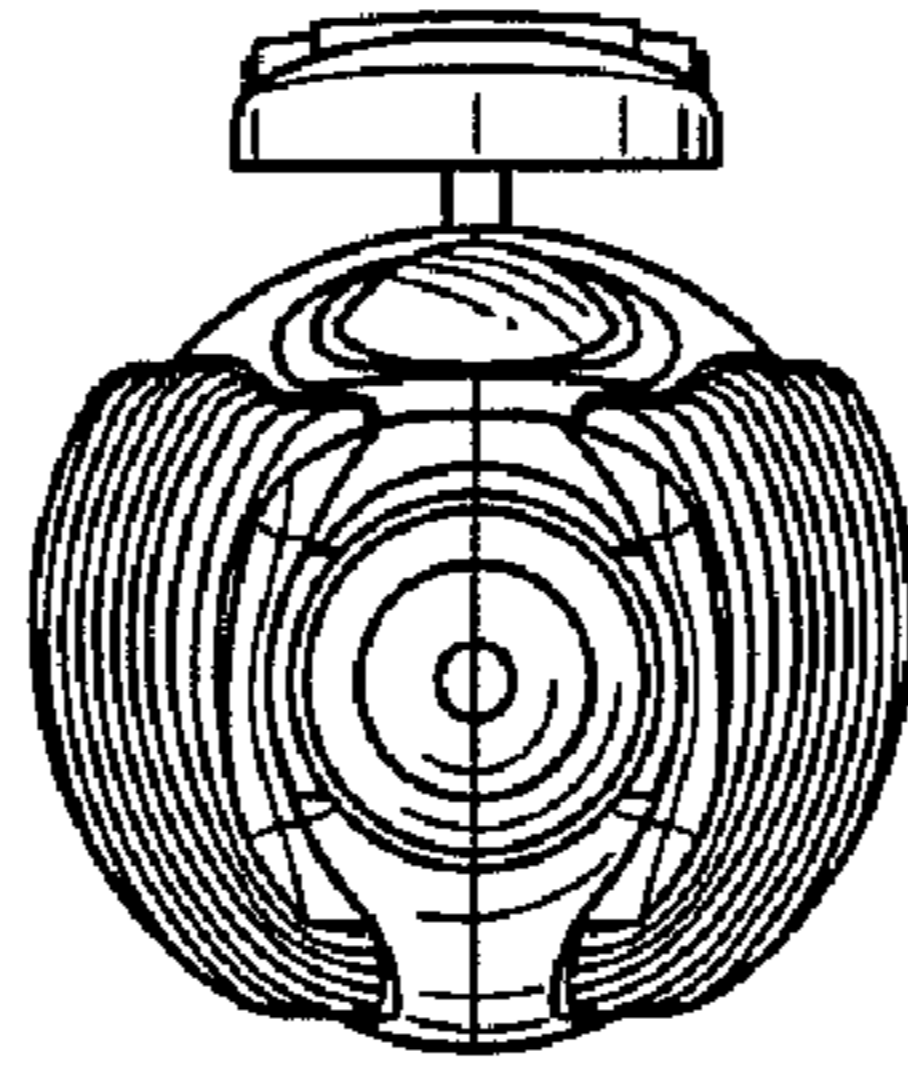
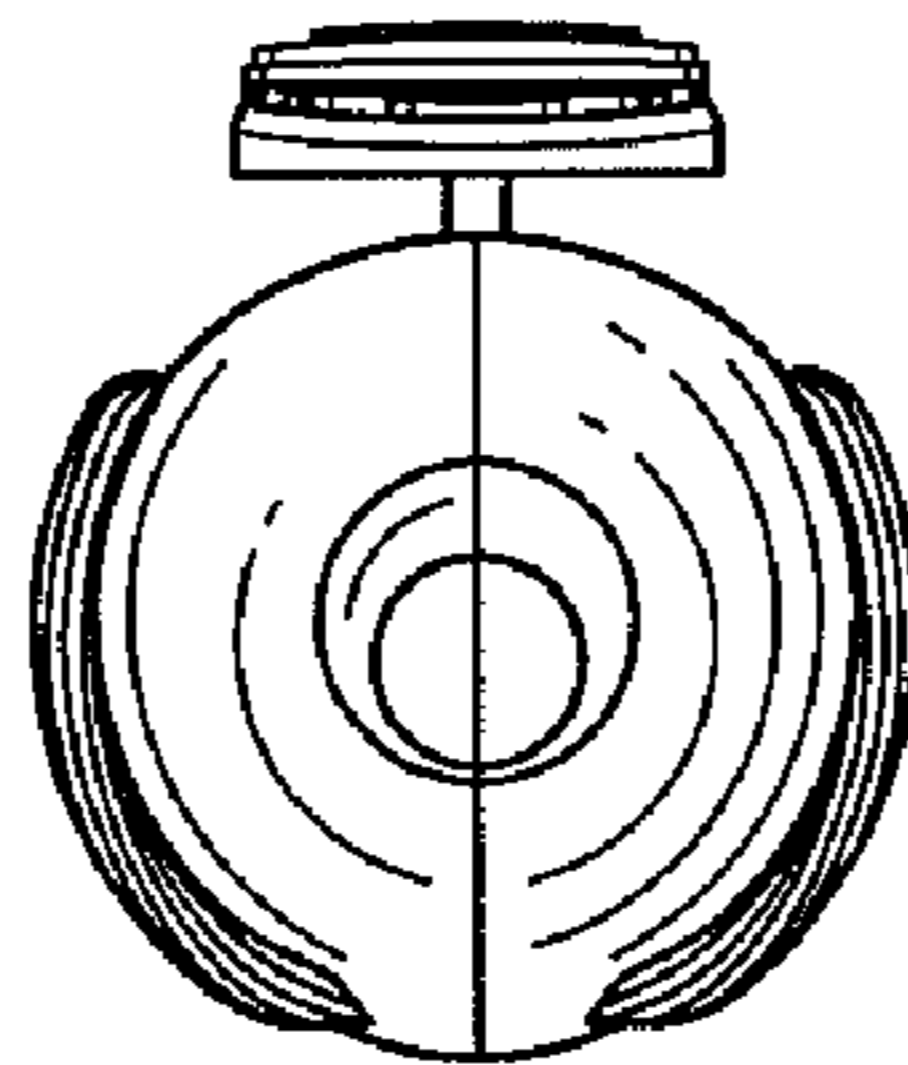


FIG. 4



*FIG. 5*



*FIG. 6*

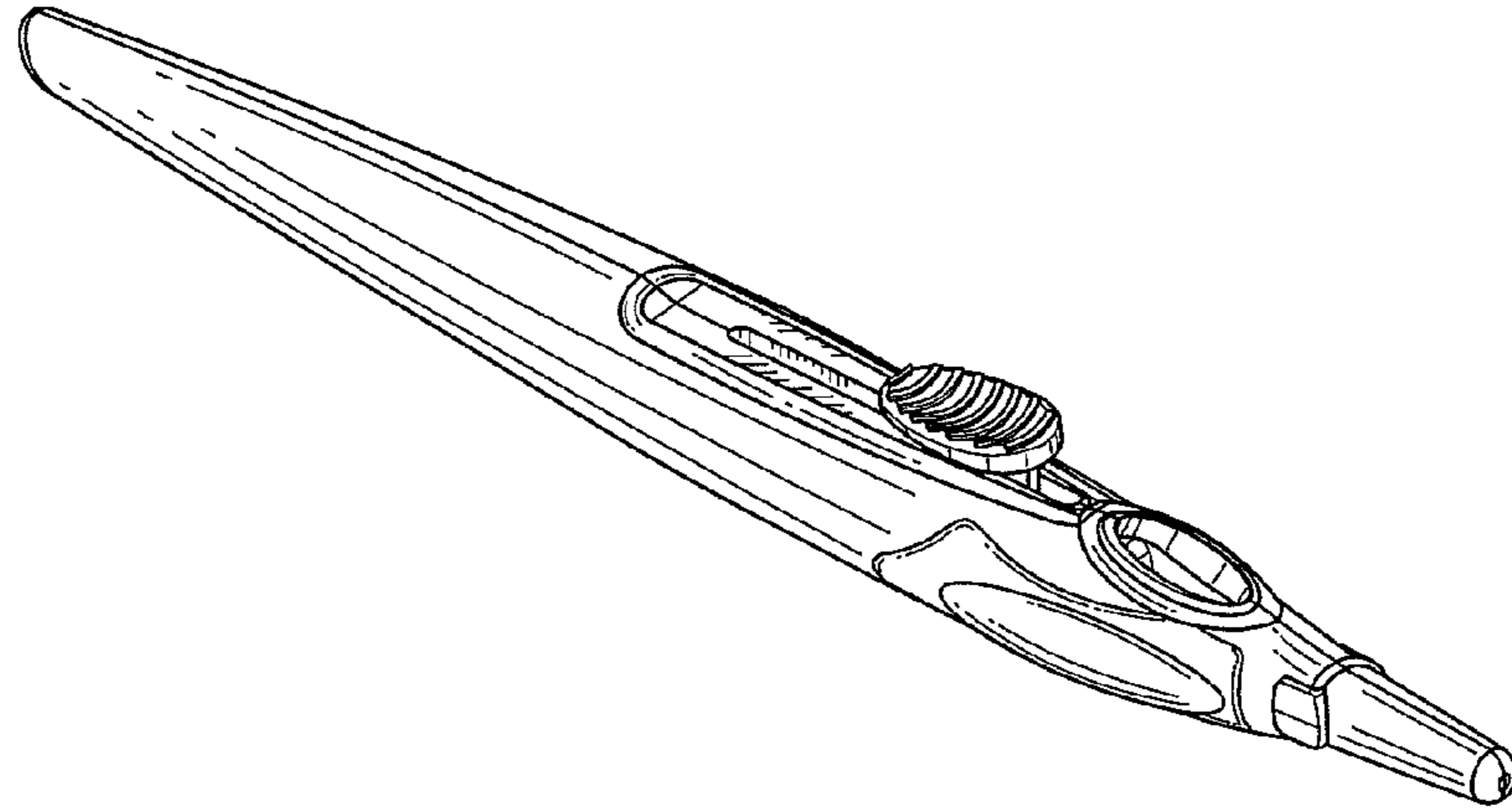


FIG. 7



FIG. 8

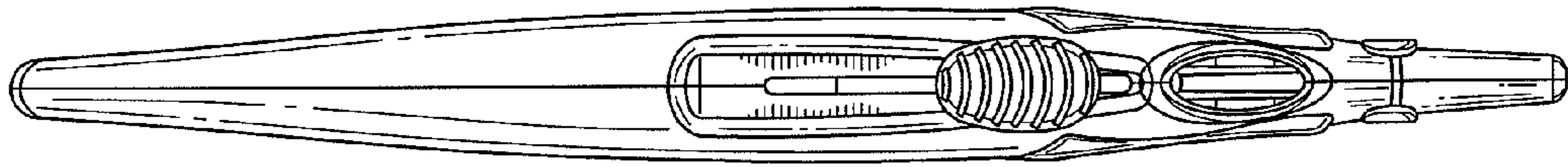


FIG. 9

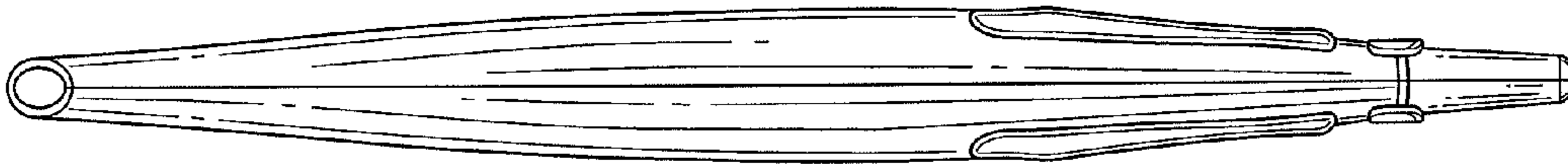


FIG. 10

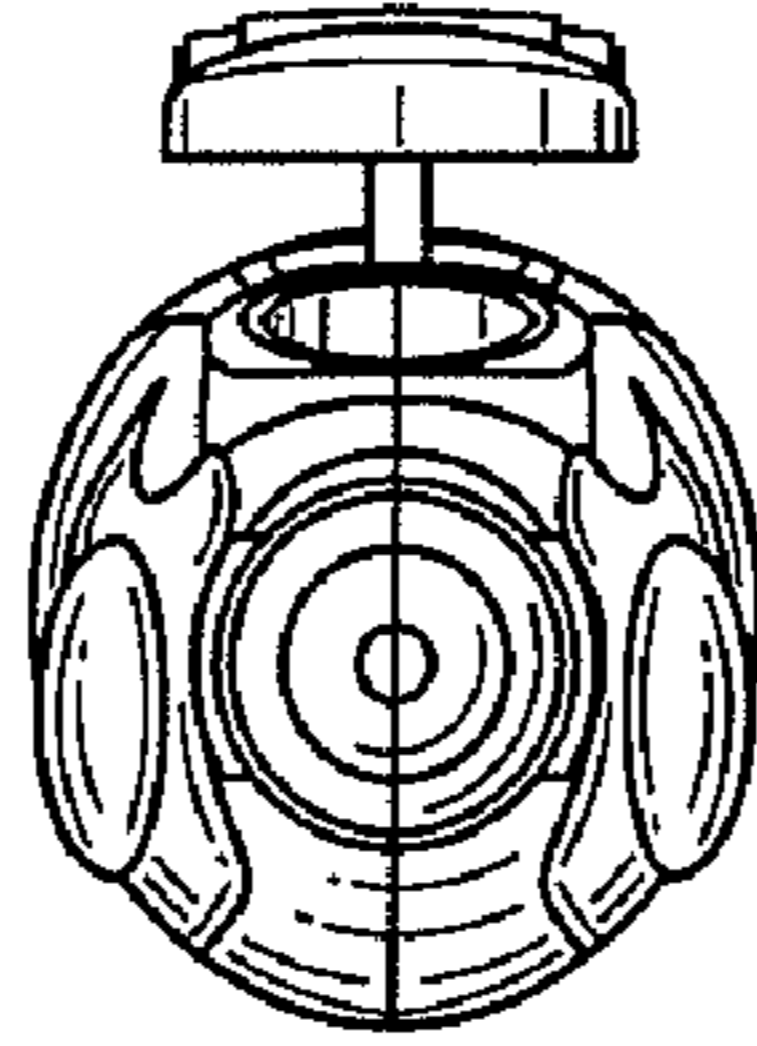


FIG. 11

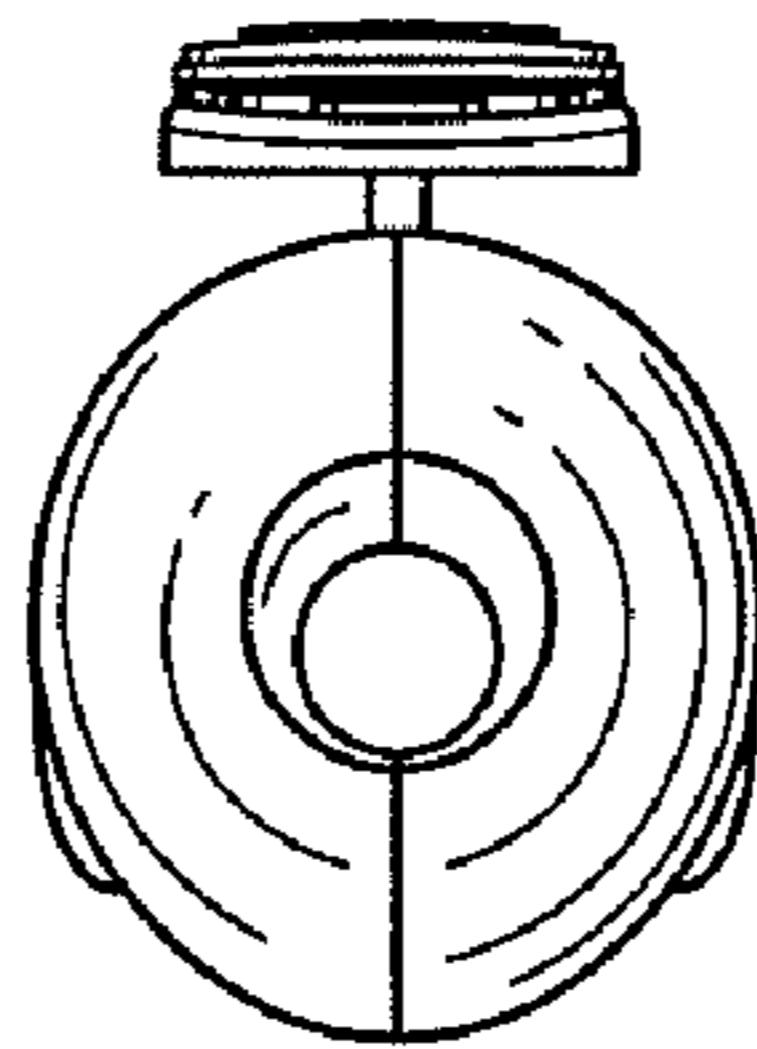


FIG. 12