



US00D615201S

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

(10) **Patent No.:** **US D615,201 S**  
(45) **Date of Patent:** **\*\* May 4, 2010**

(54) **COMBINED GUIDE WIRE CAP AND TRACK**

(75) Inventors: **Steven F. Bierman**, Del Mar, CA (US);  
**Richard A. Pluth**, San Diego, CA (US)

(73) Assignee: **Access Scientific, Inc.**, San Diego, CA (US)

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

(21) Appl. No.: **29/305,199**

(22) Filed: **Mar. 14, 2008**

(51) **LOC (9) Cl.** ..... **24-02**

(52) **U.S. Cl.** ..... **D24/140**

(58) **Field of Classification Search** ..... D24/133,  
D24/143, 140; 604/159, 158, 165, 170; 128/657,  
128/658, 656; 606/1, 157, 159, 208  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,625,934	A *	1/1953	Halliday	.....	606/200
3,565,074	A	2/1971	Foti et al.		
3,995,628	A	12/1976	Gula et al.		
4,068,659	A	1/1978	Moorehead		
4,205,675	A	6/1980	Vaillancourt		
4,411,655	A	10/1983	Schreck		
4,417,886	A	11/1983	Frankhouser et al.		
4,525,157	A	6/1985	Vaillancourt		
4,581,019	A	4/1986	Curelaru et al.		
4,629,450	A	12/1986	Suzuki et al.		
4,655,750	A	4/1987	Vaillancourt		
4,726,369	A *	2/1988	Mar	.....	606/1
4,772,264	A	9/1988	Cragg		
4,799,496	A *	1/1989	Hargreaves et al.	.....	600/585
4,850,975	A	7/1989	Furukawa		
4,894,052	A	1/1990	Crawford		
4,907,332	A *	3/1990	Christian et al.	.....	29/237
4,944,728	A	7/1990	Carrell		
4,955,890	A	9/1990	Yamamoto et al.		
4,961,729	A	10/1990	Vaillancourt		
4,978,334	A	12/1990	Toye et al.		
4,995,866	A	2/1991	Amplatz et al.		

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0139091 7/1984

(Continued)

OTHER PUBLICATIONS

Arrow Trauma Products No. TRM-C 12/00 11M, Arrow International.

(Continued)

*Primary Examiner*—Charles A Rademaker

*Assistant Examiner*—Charles D Hanson

(74) *Attorney, Agent, or Firm*—Knobbe, Martens, Olson & Bear LLP

(57) **CLAIM**

The ornamental design for a combined guide wire cap and track, as shown and described herein.

**DESCRIPTION**

FIG. 1 is a front perspective view of a combined guide wire cap and track showing our new design;

FIG. 2 is a top view thereof;

FIG. 3 is a bottom view thereof;

FIG. 4 is a first side view thereof, the other side being a mirror image of the first side;

FIG. 5 is a first end view thereof;

FIG. 6 is a second end view thereof;

FIG. 7 is an enlarged top view thereof;

FIG. 8 is an enlarged bottom view thereof;

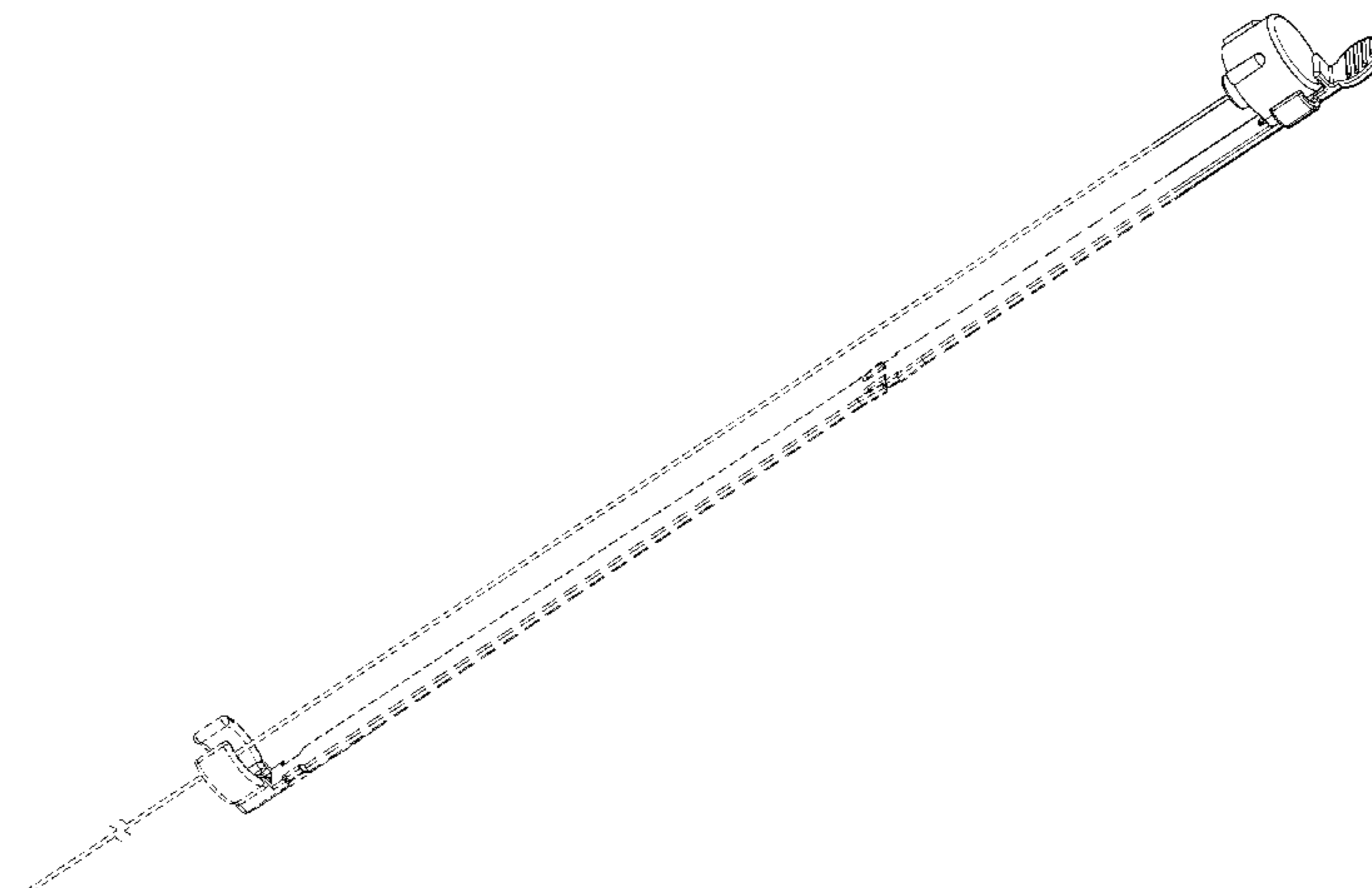
FIG. 9 is an enlarged first side view thereof;

FIG. 10 is an enlarged first end view thereof; and,

FIG. 11 is an enlarged second end view thereof.

The broken lines shown in the drawings are included for the purpose of illustrating environment and form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



# US D615,201 S

Page 2

## U.S. PATENT DOCUMENTS

5,066,284 A 11/1991 Mersch et al.  
5,098,392 A 3/1992 Fleischhacker et al.  
5,114,401 A 5/1992 Stuart et al.  
5,137,517 A \* 8/1992 Loney et al. .... 604/159  
D329,698 S \* 9/1992 Loney et al. .... D24/143  
5,158,544 A 10/1992 Weinstein  
5,171,218 A 12/1992 Fonger et al.  
5,242,410 A 9/1993 Melker  
5,246,426 A 9/1993 Lewis et al.  
5,295,969 A 3/1994 Fischell  
5,295,970 A 3/1994 Clinton et al.  
5,306,253 A 4/1994 Brimhall  
5,312,355 A 5/1994 Lee  
5,328,480 A 7/1994 Melker et al.  
5,330,433 A 7/1994 Fonger et al.  
5,366,441 A 11/1994 Crawford  
5,380,290 A 1/1995 Makower et al.  
5,512,052 A 4/1996 Jesch  
5,676,689 A 10/1997 Kensery et al.  
5,704,914 A 1/1998 Stocking et al.  
5,728,132 A 3/1998 Van Tassel et al.  
5,810,780 A 9/1998 Brimhall et al.  
5,827,202 A 10/1998 Miraki et al.  
5,830,190 A 11/1998 Howell  
5,833,662 A 11/1998 Stevens  
5,885,217 A 3/1999 Gisselberg et al.  
5,904,657 A 5/1999 Unsworth et al.  
5,919,160 A 7/1999 Sanfilippo  
6,074,377 A 6/2000 Sanfilippo  
6,120,494 A 9/2000 Jonkman  
6,179,813 B1 1/2001 Ballow et al.  
6,210,366 B1 4/2001 Sanfilippo  
6,277,100 B1 8/2001 Raulerson

6,436,070 B1 8/2002 Botich et al.  
6,461,362 B1 10/2002 Halseth et al.  
6,475,207 B1 11/2002 Maginot  
6,488,662 B2 12/2002 Sirimanne  
6,500,152 B1 12/2002 Illi  
6,524,277 B1 2/2003 Chang  
6,607,511 B2 8/2003 Halseth et al.  
6,641,564 B1 11/2003 Kraus  
6,692,462 B2 2/2004 Mackenzie et al.  
6,692,482 B2 2/2004 Heller et al.  
6,726,659 B1 4/2004 Stocking et al.  
6,808,520 B1 10/2004 Fourkas  
6,836,687 B2 12/2004 Kelley  
6,905,481 B2 6/2005 Sirimanne  
7,025,746 B2 4/2006 Tal  
2002/0072712 A1 6/2002 Nool et al.  
2003/0032927 A1 2/2003 Halseth et al.  
2004/0092879 A1 5/2004 Kraus et al.  
2004/0171988 A1 9/2004 Moretti  
2005/0277851 A1 \* 12/2005 Whittaker et al. .... 600/585  
2008/0262431 A1 \* 10/2008 Anderson et al. .... 604/164.1  
2008/0312671 A1 \* 12/2008 Riles et al. .... 606/159

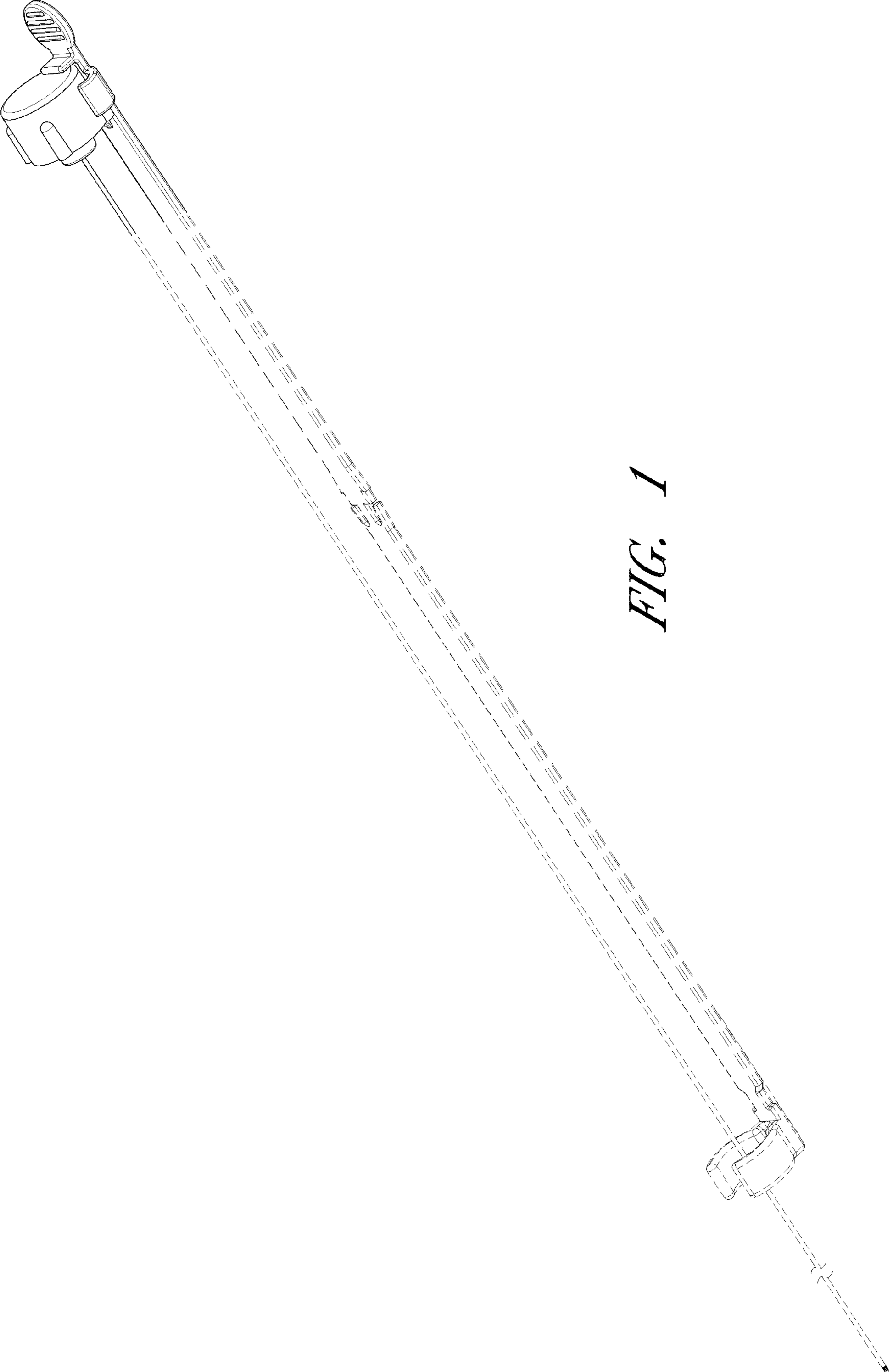
## FOREIGN PATENT DOCUMENTS

EP 0502714 11/1995  
WO WO/2003/057272 7/2003  
WO WO/2007/046850 4/2007

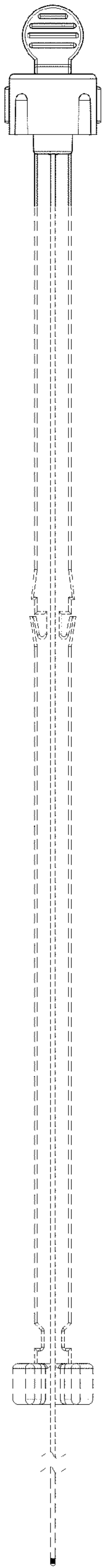
## OTHER PUBLICATIONS

International Search Report for PCT Application No. PCT/US/2006/  
011624, mailed Oct. 17, 2007.  
International Search Report for PCT Application No. PCT/US/2002/  
041371, mailed Oct. 2, 2003.

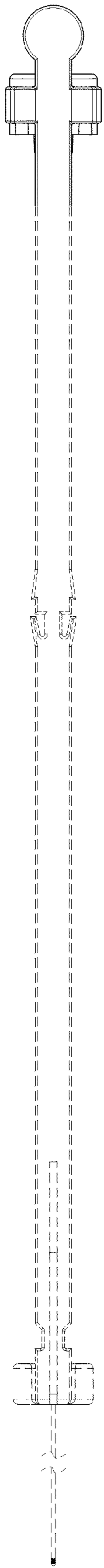
\* cited by examiner



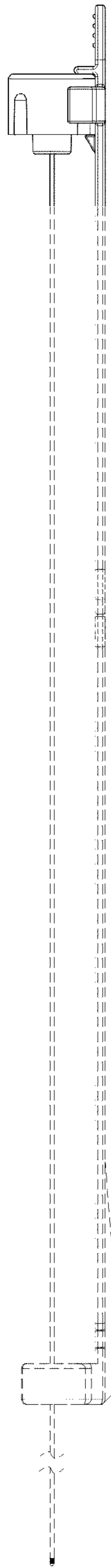
*FIG. 1*



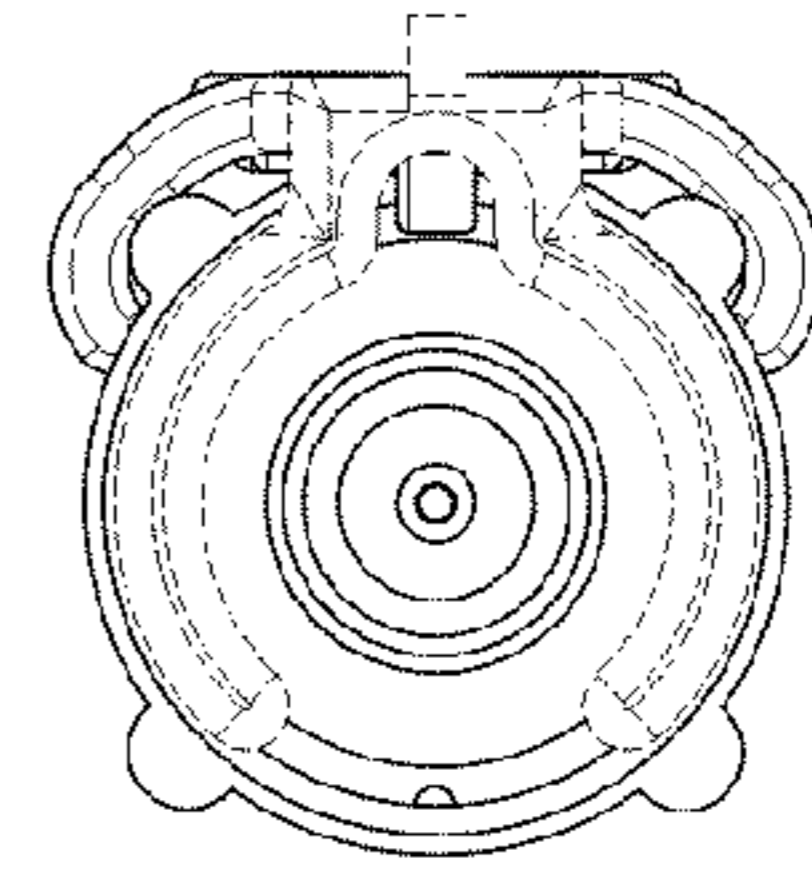
*FIG. 2*



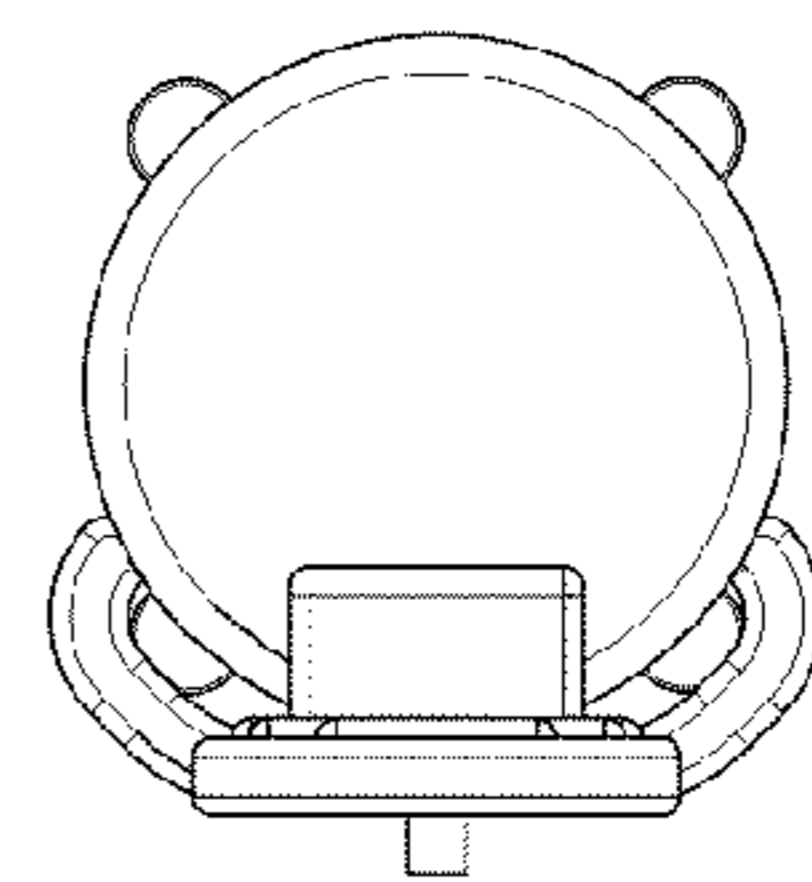
*FIG. 3*



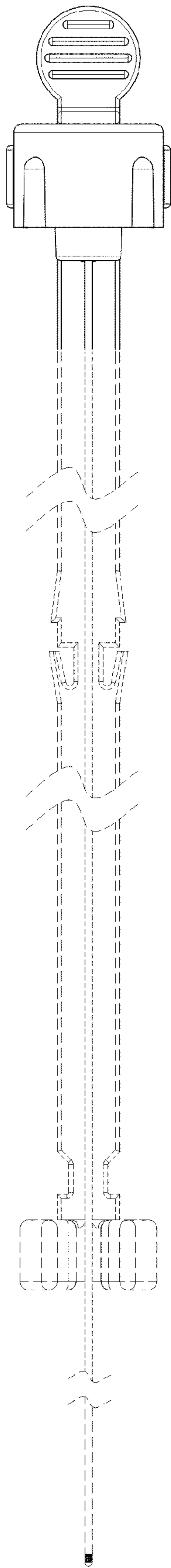
*FIG. 4*



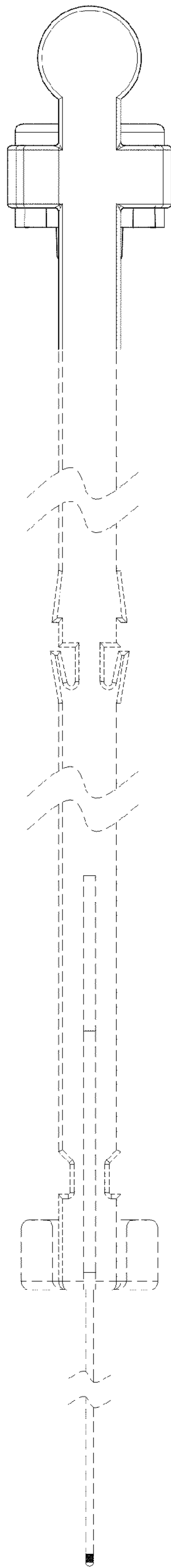
*FIG. 6*



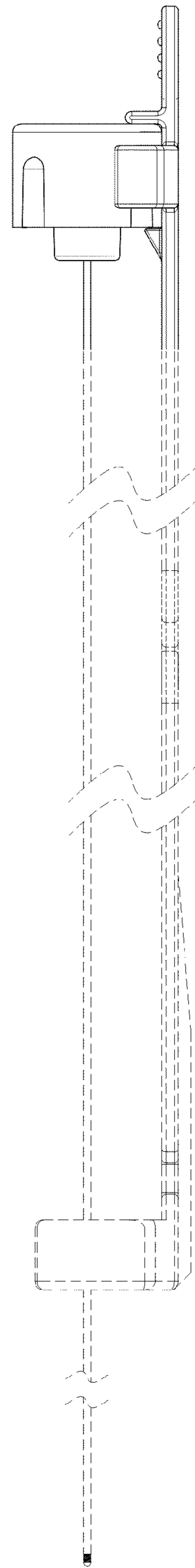
*FIG. 5*



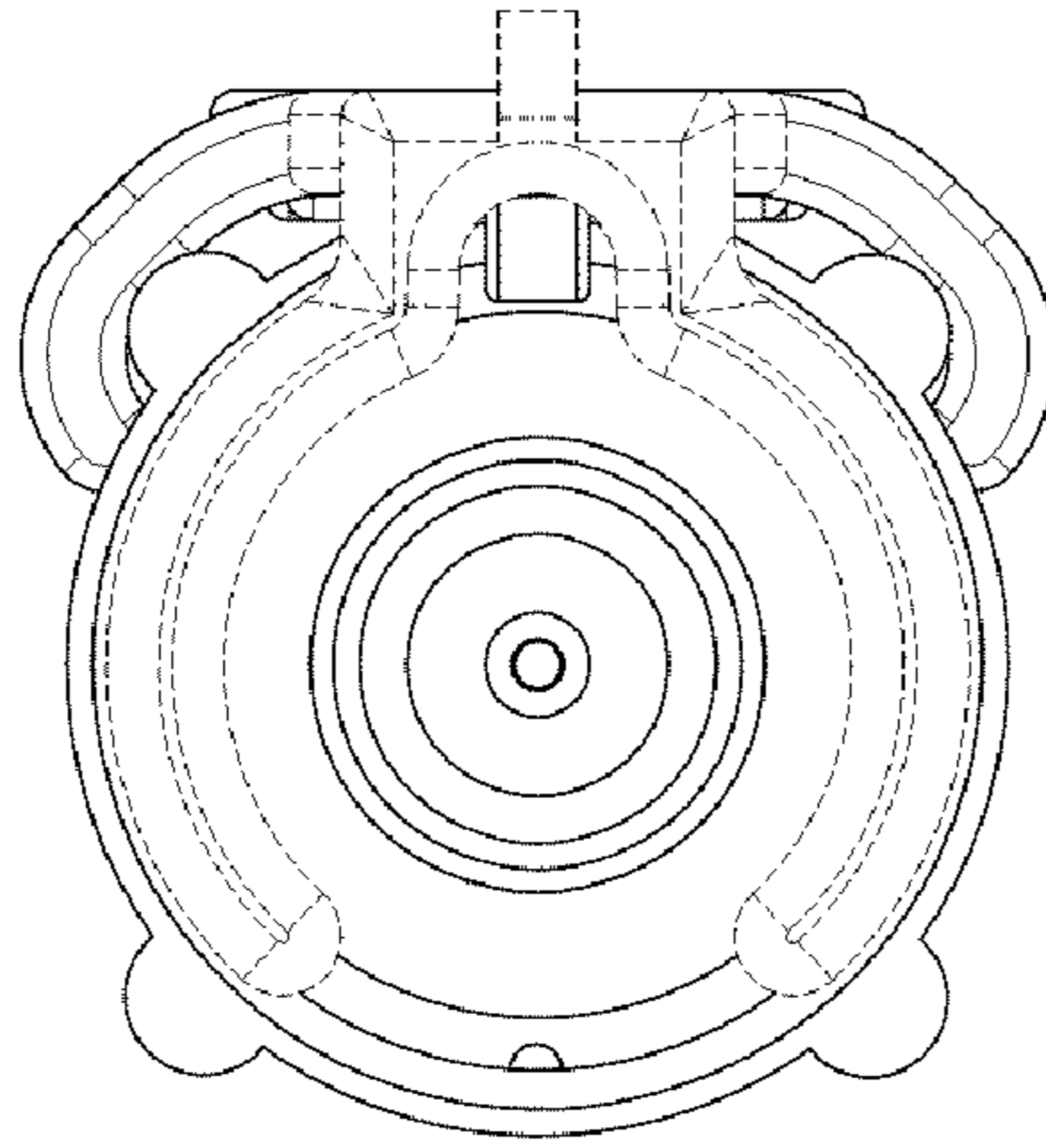
*FIG. 7*



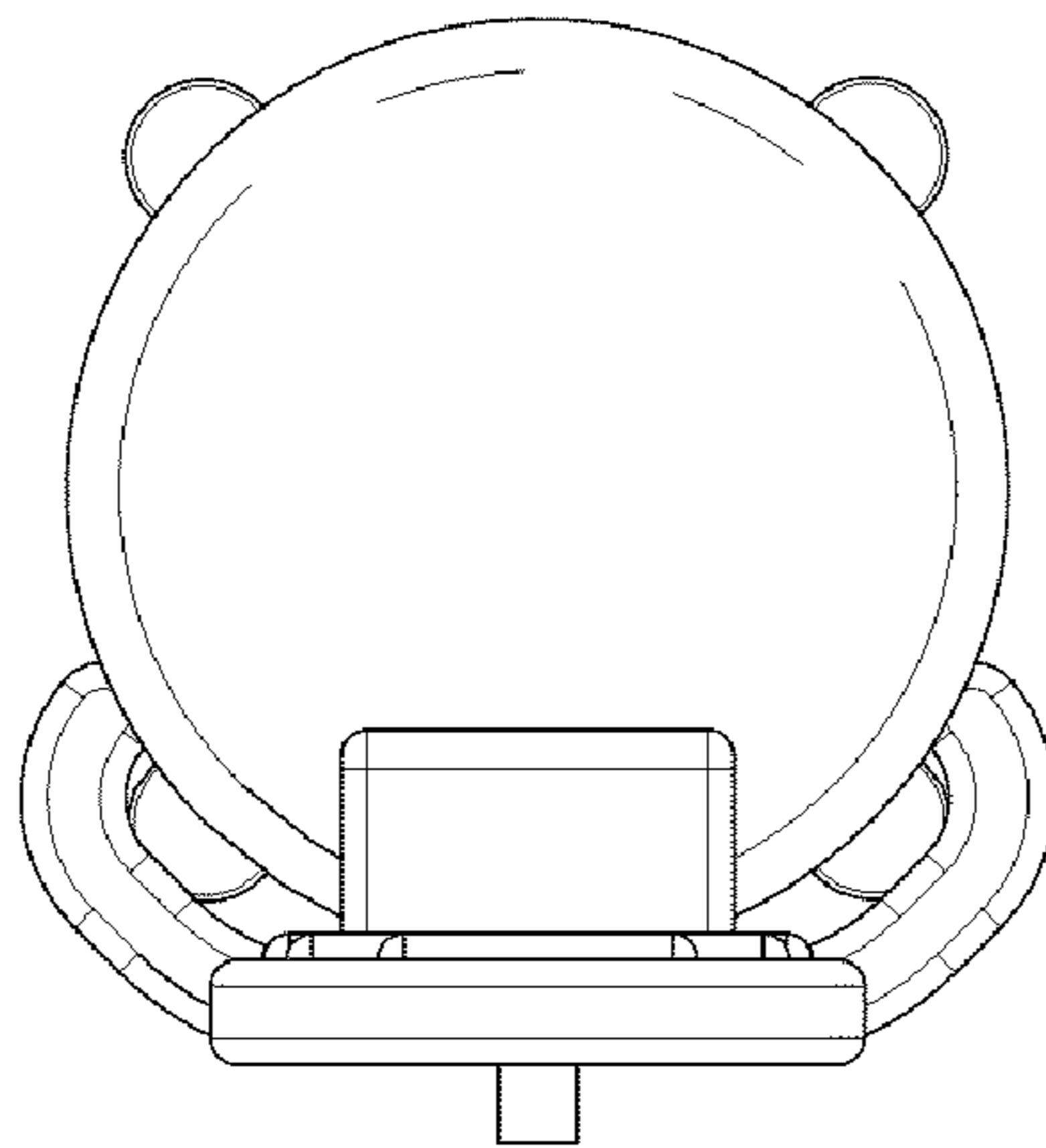
*FIG. 8*



*FIG. 9*



*FIG. 11*



*FIG. 10*