

US00D600793S

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

(10) **Patent No.:** **US D600,793 S**  
(45) **Date of Patent:** **\*\* Sep. 22, 2009**

(54) **ACCESS DEVICE**

(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.: **29/324,299**

(22) Filed: **Sep. 10, 2008**

(51) **LOC (9) Cl.** ..... **12-11**

(52) **U.S. Cl.** ..... **D24/112**

(58) **Field of Classification Search** ..... D24/112-114,  
D24/108, 133, 186, 130; 606/181, 185; 604/264,  
604/162, 232, 187, 160, 164.01-164.09  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

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	
D264,133	S *	4/1982	Genese	D24/112
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.	
D283,921	S *	5/1986	Dyak	D24/114
4,629,450	A	12/1986	Susuki et al.	
4,655,750	A	4/1987	Vaillancourt	

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 0 139 091 7/1984

(Continued)

**OTHER PUBLICATIONS**

Arrow Trauma Products No. TRM-C 12/00 11M, Arrow International, dated 2000.

Photos of a splittable catheter design.

(Continued)

*Primary Examiner*—T. Chase Nelson

*Assistant Examiner*—David G Muller

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

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front side perspective view of an access device configured in accordance with a preferred embodiment of the present invention;

FIG. 2 is a top view of the access device shown in FIG. 1;

FIG. 3 is a first side view of the access device shown in FIG. 1, the other side being a mirror image of the first side;

FIG. 4 is a bottom view of the access device shown in FIG. 1;

FIG. 5 is a first end view of the access device shown in FIG. 1;

FIG. 6 is a second end view of the access device shown in FIG. 1;

FIG. 7 is a front side perspective view of an access device configured in accordance with another preferred embodiment of the present invention;

FIG. 8 is a top view of the access device shown in FIG. 7;

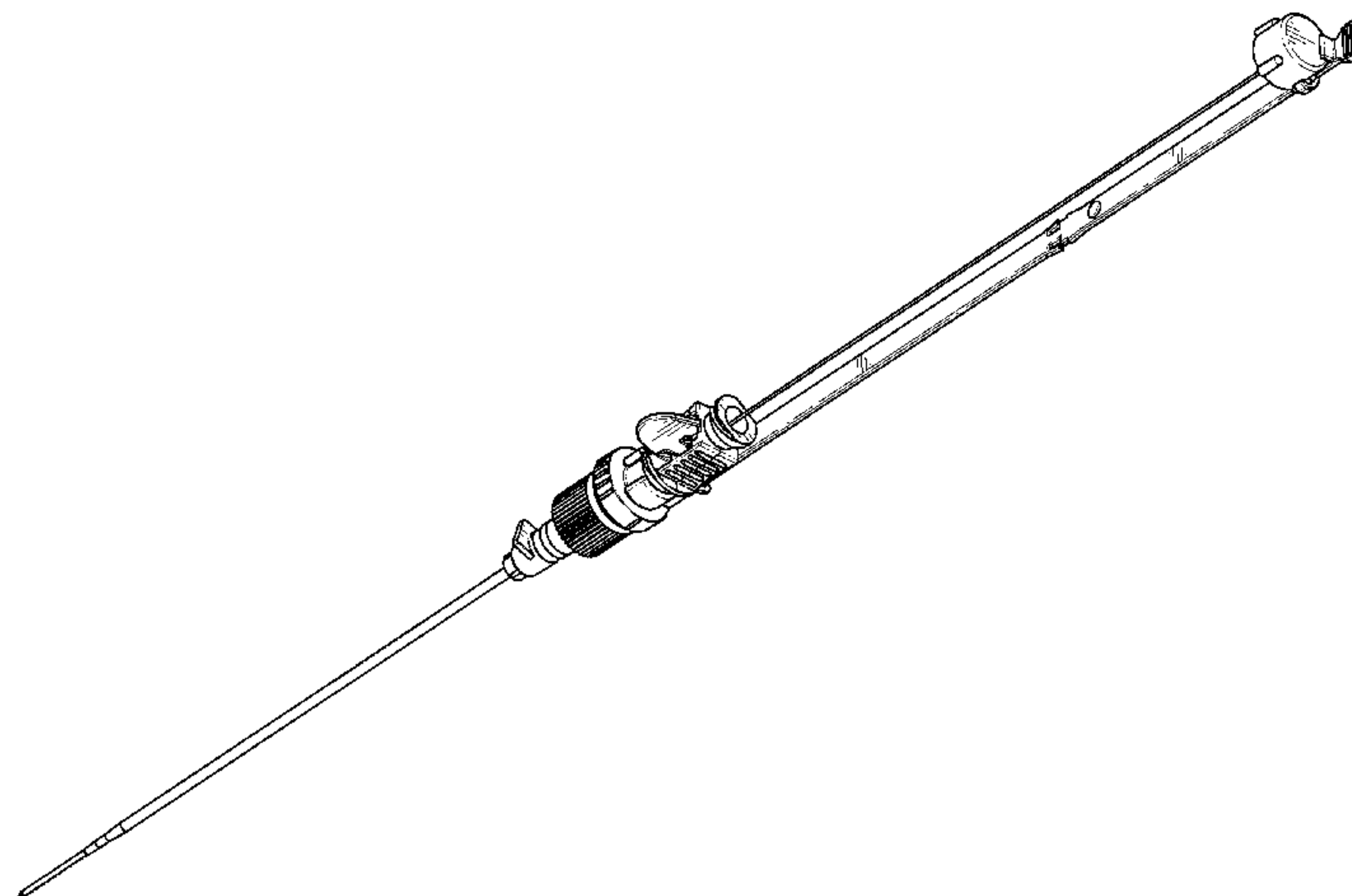
FIG. 9 is a first side view of the access device shown in FIG. 7, the other side being a mirror image of the first side;

FIG. 10 is a bottom view of the access device shown in FIG. 7;

FIG. 11 is a first end view of the access device shown in FIG. 7; and,

FIG. 12 is a second end view of the access device shown in FIG. 7.

**1 Claim, 4 Drawing Sheets**



# US D600,793 S

Page 2

## U.S. PATENT DOCUMENTS

4,661,300	A	4/1987	Daugherty	
4,772,264	A	9/1988	Cragg	
4,791,937	A	12/1988	Wang	
4,850,975	A	7/1989	Furukawa	
4,894,052	A	1/1990	Crawford	
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.	
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.	
5,158,544	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.	
5,250,038	A	10/1993	Melker 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.	
5,391,178	A	2/1995	Yapor	
5,512,052	A	4/1996	Jesch	
5,542,932	A	8/1996	Daugherty	
5,676,689	A	10/1997	Kensey et al.	
5,688,249	A	11/1997	Chang et al.	
5,690,619	A	11/1997	Erskine	
5,704,914	A	1/1998	Stocking et al.	
5,728,132	A	3/1998	Van Tassel et al.	
5,762,636	A *	6/1998	Rupp et al.	604/264
D397,434	S *	8/1998	Pike	D24/112
5,795,339	A *	8/1998	Erskine	604/264
5,810,780	A	9/1998	Brimhall et al.	
5,820,596	A	10/1998	Rosen 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	
5,858,002	A	1/1999	Jesch	
5,885,217	A	3/1999	Gisselberg et al.	
5,885,283	A	3/1999	Liu	
5,904,657	A	5/1999	Unsworth et al.	
5,919,160	A	7/1999	Sanfilippo	
5,935,110	A	8/1999	Brimhall	
6,027,480	A	2/2000	Davis et al.	
6,046,143	A	4/2000	Khan et al.	

6,074,377	A	6/2000	Sanfilippo	
6,080,141	A	6/2000	Castro et al.	
6,120,494	A	9/2000	Jonkman	
6,146,401	A *	11/2000	Yoon et al.	604/264
6,159,179	A	12/2000	Simonson	
6,179,813	B1	1/2001	Ballow et al.	
6,210,366	B1	4/2001	Sanfilippo	
6,217,556	B1 *	4/2001	Ellingson et al.	604/264
D445,495	S *	7/2001	Schaefer et al.	D24/108
6,273,871	B1	8/2001	Davis et al.	
6,277,100	B1	8/2001	Raulerson	
D460,179	S *	7/2002	Isoda et al.	D24/130
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.	
6,692,462	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	
6,994,693	B2	2/2006	Tal	
7,018,390	B2 *	3/2006	Turovskiy et al.	606/185
7,025,746	B2	4/2006	Tal	
D558,339	S *	12/2007	Christopher et al.	D24/130
D579,554	S *	10/2008	Targell et al.	D24/112
2002/0072712	A1	6/2002	Nool et al.	
2002/0087076	A1	7/2002	Meguro et al.	
2003/0032927	A1	2/2003	Halseth et al.	
2003/0216771	A1	11/2003	Osyepka et al.	
2004/0092879	A1	5/2004	Kraus et al.	
2004/0171988	A1	9/2004	Moretti	
2004/0193112	A1	9/2004	Glazier et al.	
2005/0075656	A1 *	4/2005	Beaupre	606/185

## FOREIGN PATENT DOCUMENTS

EP	0 502 714	11/1995
WO	WO 2003/057272	7/2003
WO	WO 2007/046850	4/2007

## OTHER PUBLICATIONS

Photos of a peripheral emergency infusion device Applicant believes to be produced by Arrow International Inc.  
 Photos of an infusion device Applicant believes to be produced by B. Braun Medical Inc.  
 A photograph of various access devices.

\* cited by examiner

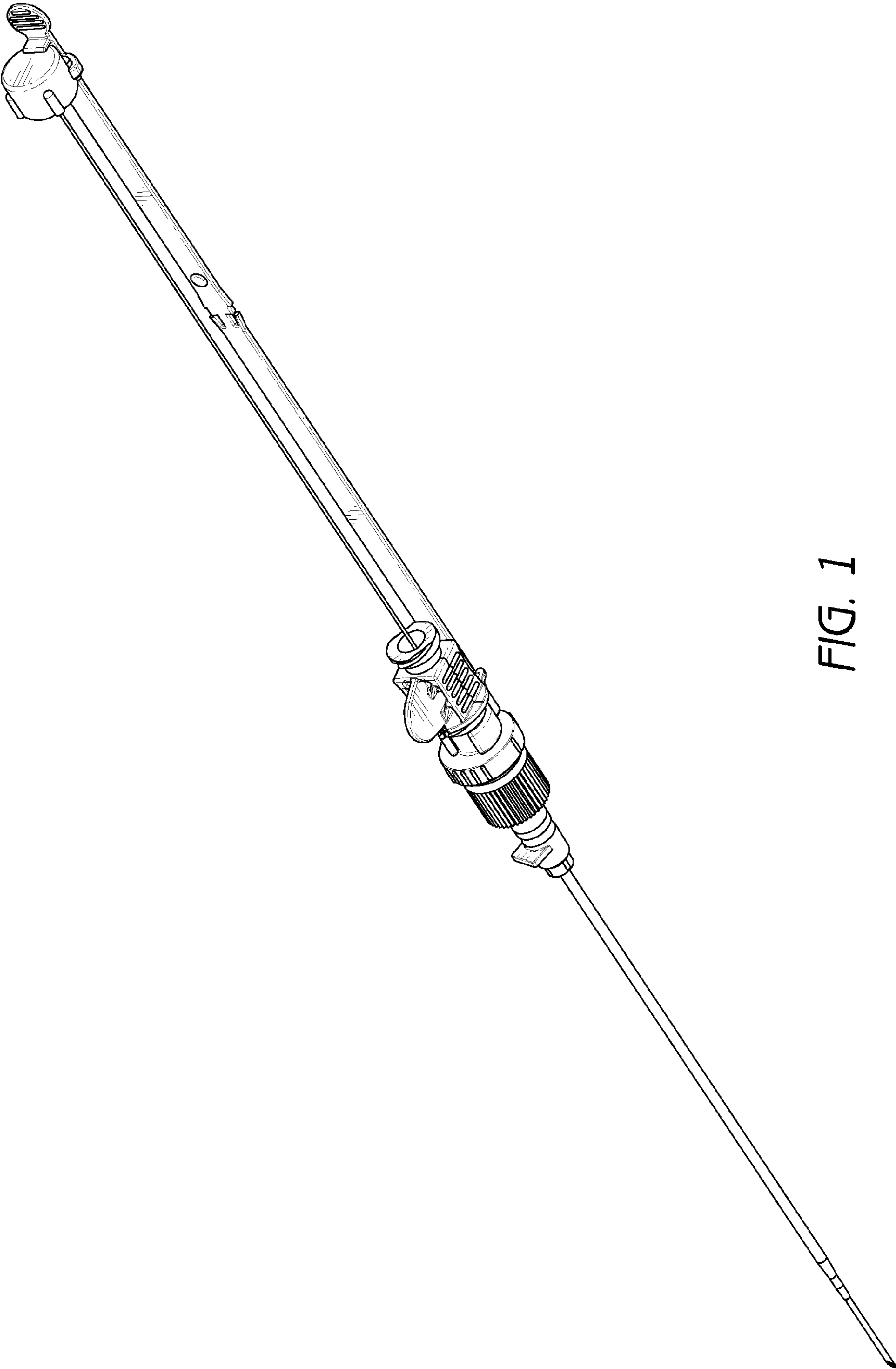


FIG. 1

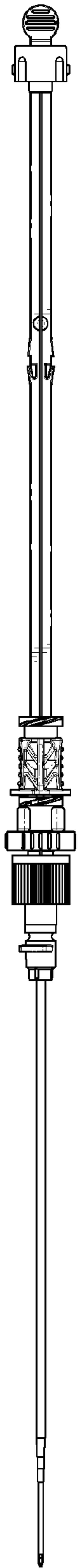


FIG. 2

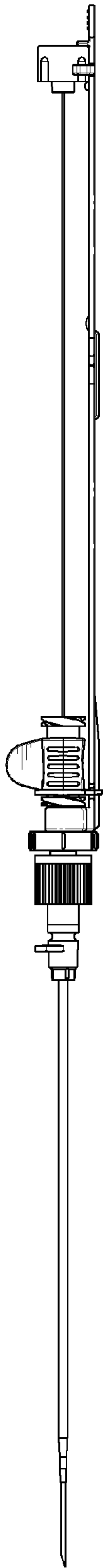


FIG. 3

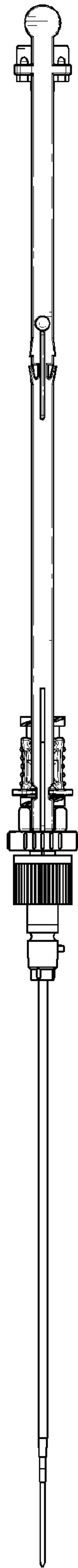


FIG. 4

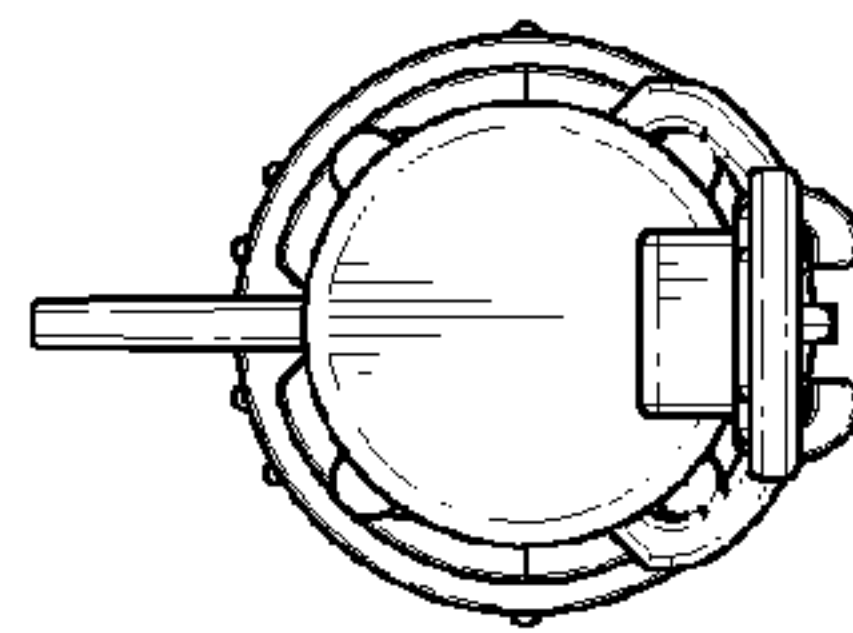


FIG. 5

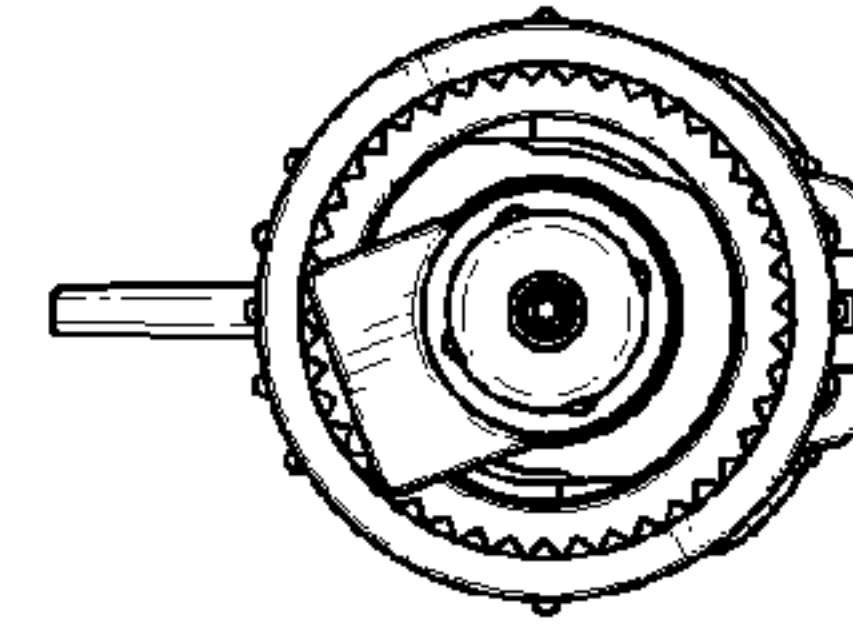


FIG. 6



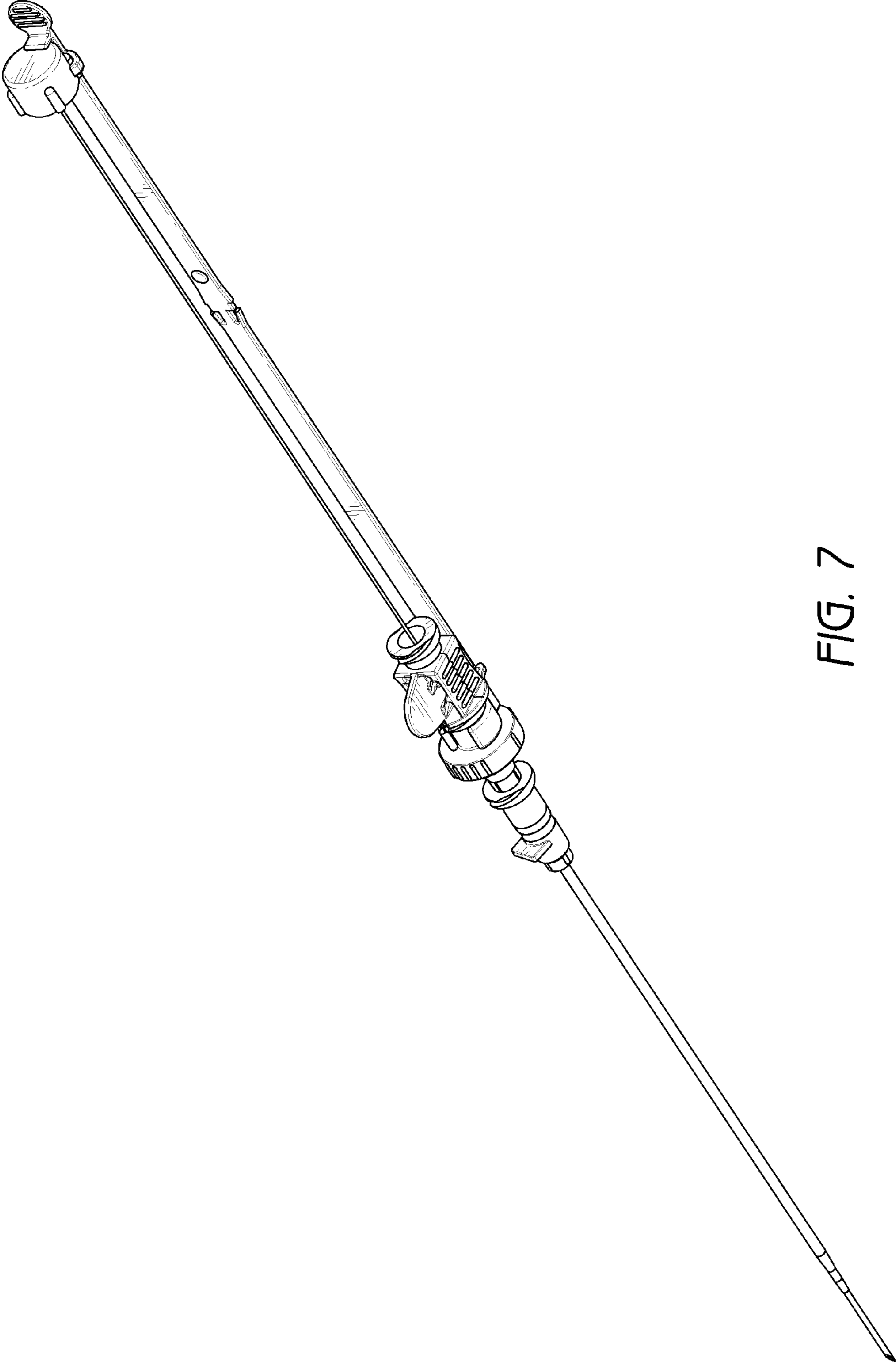


FIG. 7

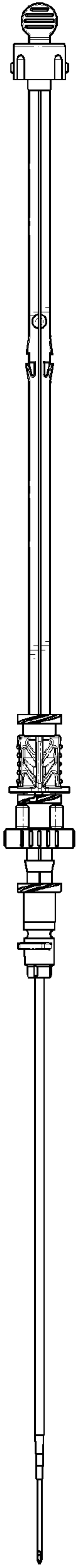


FIG. 8

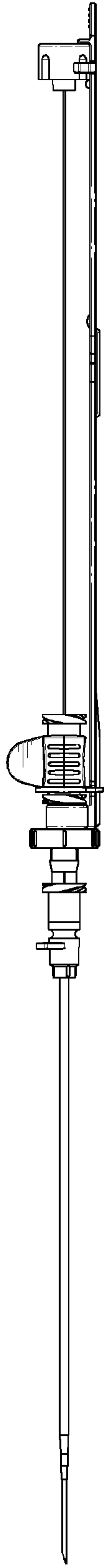


FIG. 9

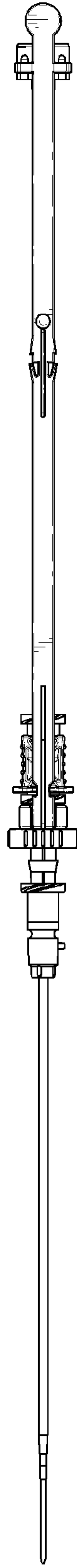


FIG. 10

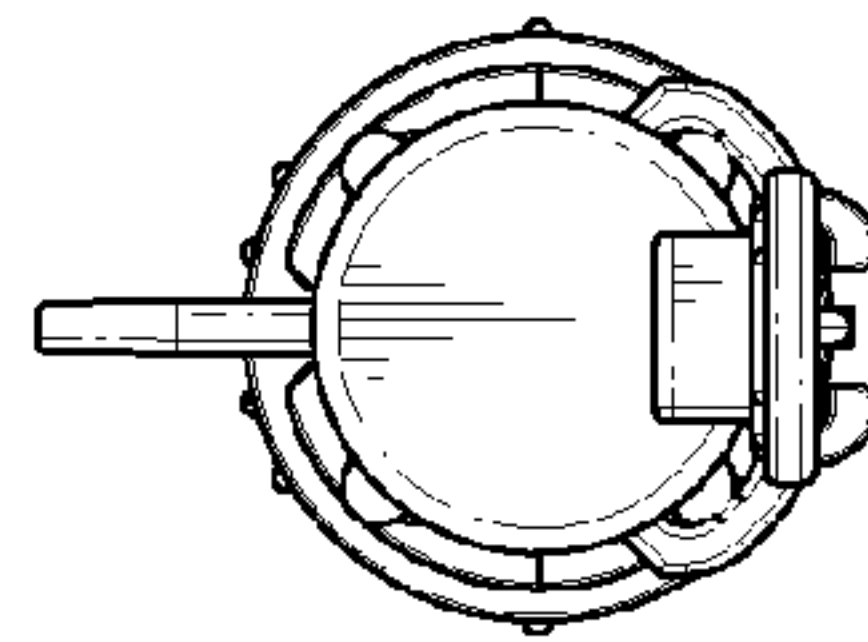


FIG. 11

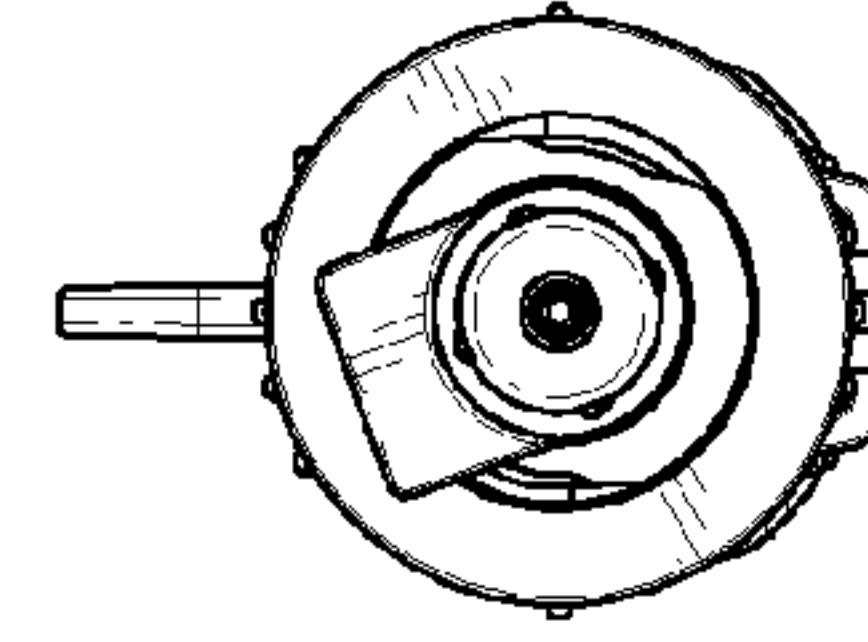


FIG. 12