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

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(54) **ACCESS DEVICE**

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

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

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(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	
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	Suzuki et al.	
4,655,750 A	4/1987	Vaillancourt	
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.	

5,108,374 A *	4/1992	Lemieux	..... 604/264
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.	

(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.

(Continued)

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(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;

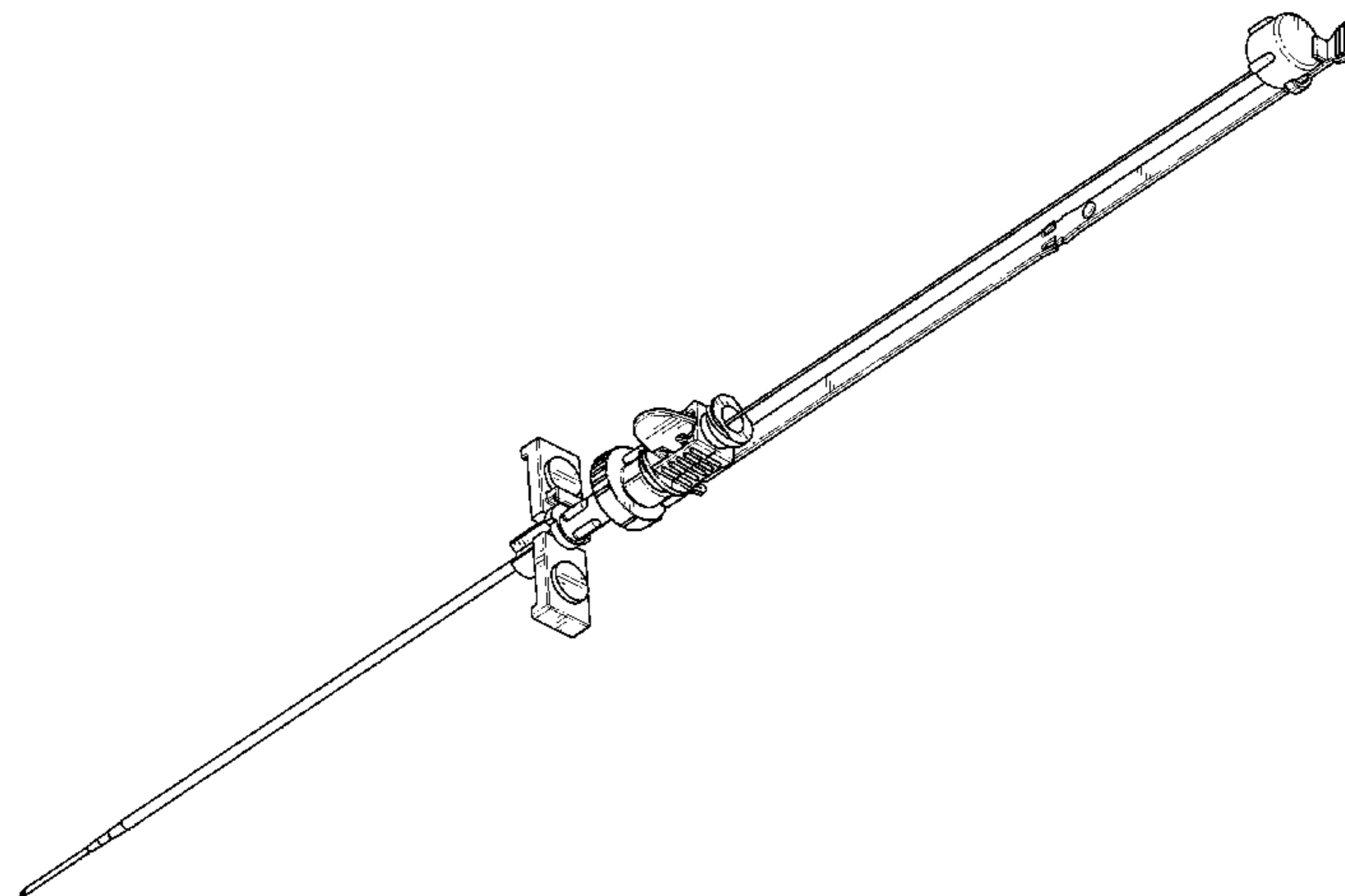
FIG. 3 is a first side view of the access device shown in FIG. 1, the other side being a mirror image of the first side;

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; and,

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

**1 Claim, 2 Drawing Sheets**



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## U.S. PATENT DOCUMENTS

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 Kensery 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.  
 D392,037 S \* 3/1998 Musgrave et al. .... D24/112  
 5,728,132 A 3/1998 Van Tassel et al.  
 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  
 6,159,179 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  
 D469,871 S \* 2/2003 Sand ..... D24/133  
 6,524,277 B1 2/2003 Chang  
 6,607,511 B2 8/2003 Halseth et al.  
 6,641,564 B1 \* 11/2003 Kraus ..... 604/160  
 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  
 7,001,396 B2 \* 2/2006 Glazier et al. .... 604/264  
 7,018,390 B2 \* 3/2006 Turovskiy et al. .... 606/185  
 7,025,746 B2 4/2006 Tal  
 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 Osypka et al.  
 2004/0092879 A1 5/2004 Kraus et al.  
 2004/0171988 A1 9/2004 Moretti  
 2004/0193112 A1 9/2004 Glazier et al.

## 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 splittable catheter design.  
 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

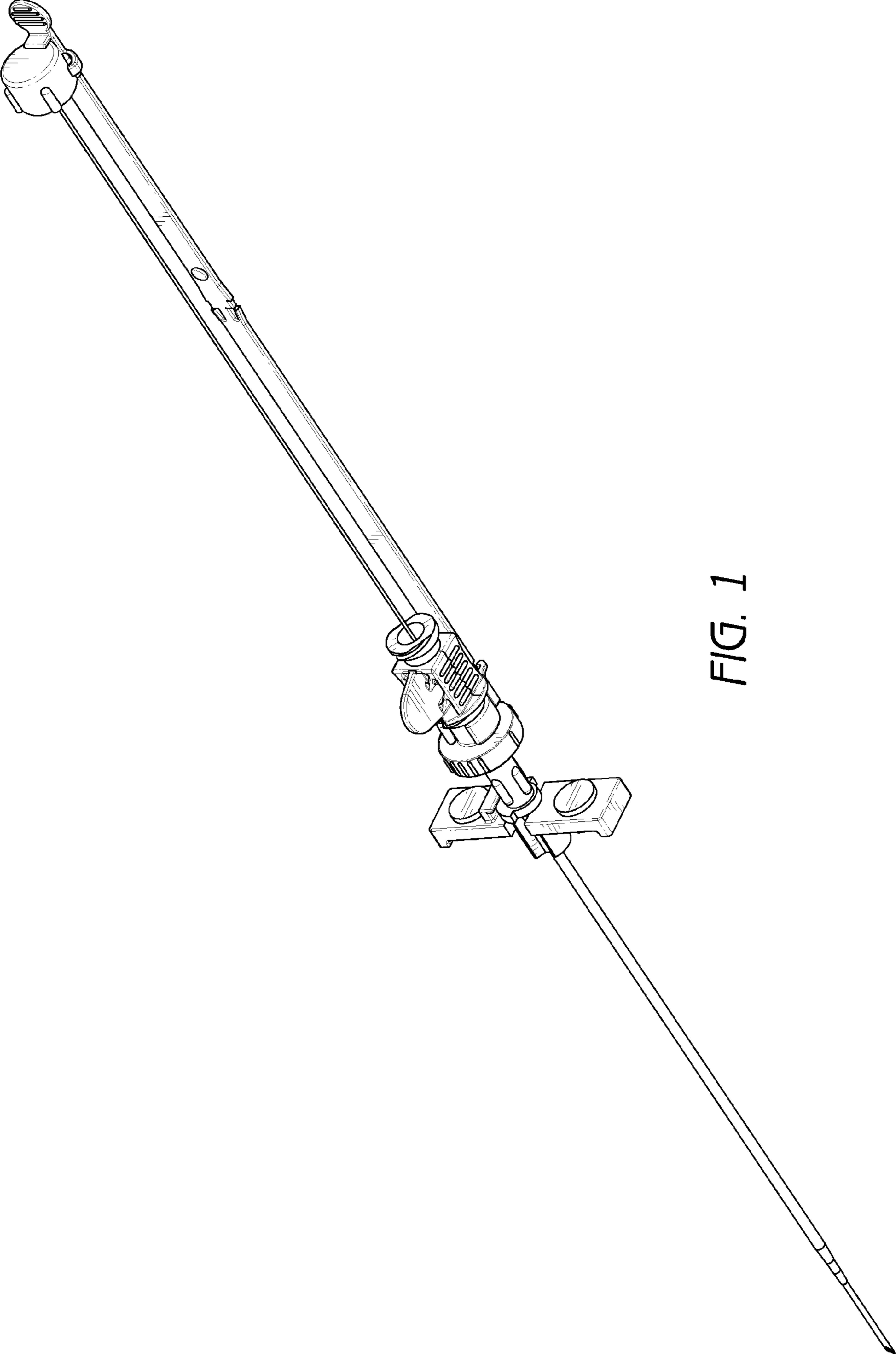


FIG. 1

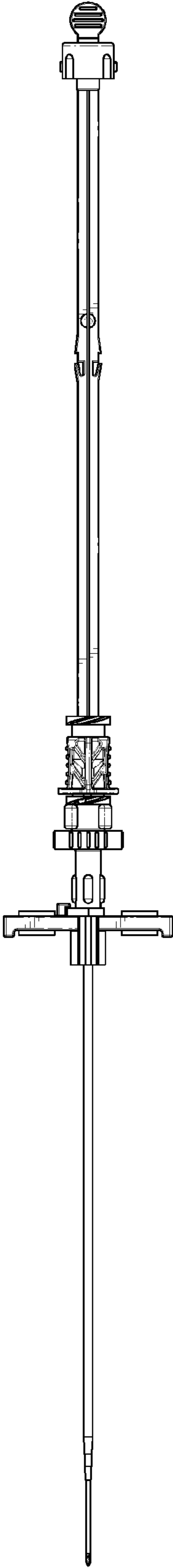


FIG. 2

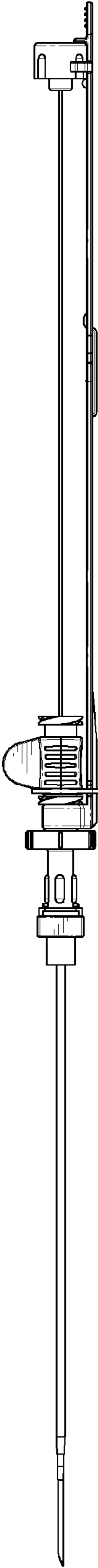


FIG. 3

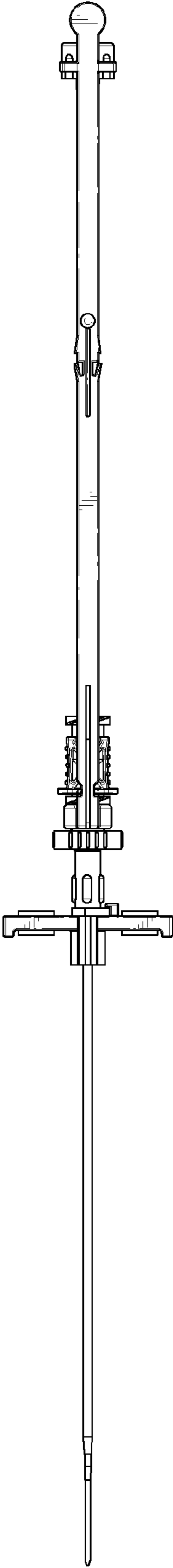


FIG. 4



FIG. 5

FIG. 6