



US00D525361S

(12) **United States Design Patent**  
**Hushka**

(10) **Patent No.:** **US D525,361 S**  
(45) **Date of Patent:** **\*\* Jul. 18, 2006**

(54) **HEMOSTAT STYLE ELONGATED  
DISSECTING AND DIVIDING INSTRUMENT**

4,074,718 A 2/1978 Morrison, Jr.  
4,088,134 A 5/1978 Mazzariello  
4,165,746 A 8/1979 Burgin  
4,300,564 A 11/1981 Furihata

(75) Inventor: **Dylan Hushka**, Boulder, CO (US)

(Continued)

(73) Assignee: **Sherwood Services AG**, Schaffhausen (CH)

**FOREIGN PATENT DOCUMENTS**

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

WO WO 94/08524 A 4/1994  
WO WO 96/13218 9/1996  
WO WO99/121488 3/1999  
WO WO 99/66850 A 12/1999  
WO WO 01/17448 A 3/2001  
WO WO 02/080795 10/2002  
WO WO 02/080798 10/2002  
WO WO 02/080799 10/2002  
WO WO 2004/052221 6/2004  
WO WO 2004/082495 A1 9/2004  
WO WO 2004/098383 A1 11/2004

(21) Appl. No.: **29/214,590**

(22) Filed: **Oct. 6, 2004**

(51) **LOC (8) Cl.** ..... **24-02**

(52) **U.S. Cl.** ..... **D24/143; D24/146; D24/147**

(58) **Field of Classification Search** ..... D24/146,  
D24/147, 143, 144; 600/564; 606/170, 205  
See application file for complete search history.

*Primary Examiner*—Ian Simmons  
*Assistant Examiner*—Christopher Lee

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

371,664 A 10/1887 Brannan et al.  
702,472 A 6/1902 Pignolet  
728,883 A 5/1903 Downes  
1,586,645 A 6/1926 Bierman  
2,002,594 A 5/1935 Wappler et al.  
2,011,169 A 8/1935 Wappler  
2,031,682 A 2/1936 Wappler et al.  
2,176,479 A 10/1939 Willis  
2,305,156 A 12/1942 Grubel  
2,632,661 A 3/1953 Cristofy  
2,668,538 A 2/1954 Baker  
2,796,065 A 6/1957 Kapp  
3,459,187 A 8/1969 Pallotta  
3,643,683 A 2/1972 Sutter  
3,651,811 A 3/1972 Hildebrandt et al.  
3,862,630 A 1/1975 Balamuth  
3,866,610 A 2/1975 Kletschka  
3,911,766 A 10/1975 Fridolph et al.  
3,920,021 A 11/1975 Hildebrandt  
3,921,641 A 11/1975 Hulka  
3,938,527 A 2/1976 Rioux et al.  
3,952,749 A 4/1976 Fridolph et al.  
4,005,714 A 2/1977 Hildebrandt

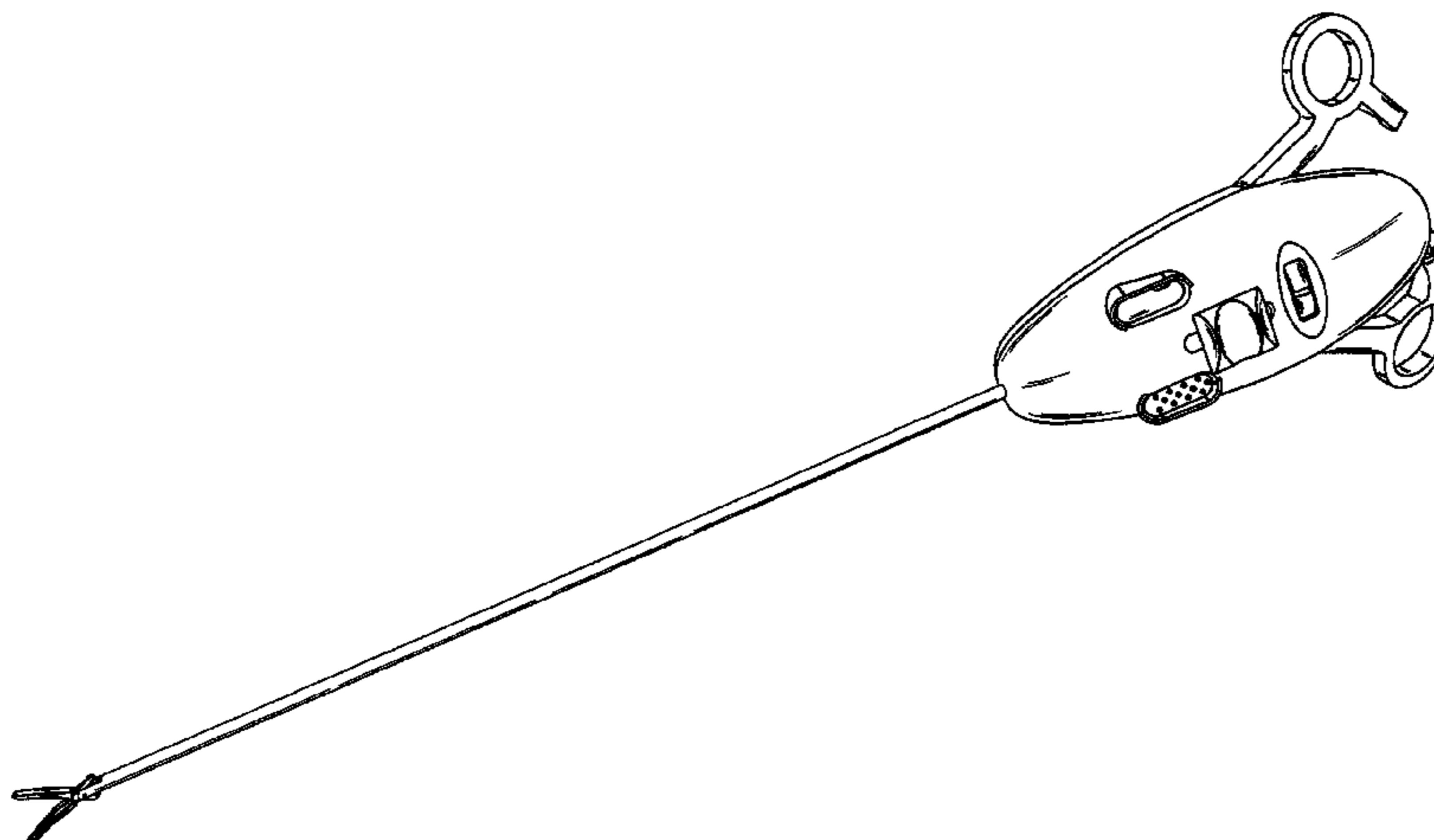
(57) **CLAIM**

I claim the ornamental design for a hemostat style elongated dissecting and dividing instrument, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of a hemostat style elongated dissecting and dividing instrument showing my new design; FIG. 2 is a front view of the hemostat style elongated dissecting and dividing instrument of FIG. 1; FIG. 3 is a rear view of the hemostat style elongated dissecting and dividing instrument of FIG. 1; FIG. 4 is a left side view of the hemostat style elongated dissecting and dividing instrument of FIG. 1; FIG. 5 is a right side view of the hemostat style elongated dissecting and dividing instrument of FIG. 1; FIG. 6 is a top view of the hemostat style elongated dissecting and dividing instrument of FIG. 1; and, FIG. 7 is a bottom view of the hemostat style elongated dissecting and dividing instrument of FIG. 1.

**1 Claim, 5 Drawing Sheets**



---

U.S. PATENT DOCUMENTS					
			5,443,463 A	8/1995	Stern et al.
			5,443,464 A	8/1995	Russell et al.
4,370,980 A	2/1983	Lottick	5,443,480 A	8/1995	Jacobs et al.
4,452,246 A	6/1984	Bader et al.	5,445,638 A	8/1995	Rydell et al.
4,492,231 A	1/1985	Auth	5,445,658 A	8/1995	Durffield et al.
4,552,143 A	11/1985	Lottick	5,451,224 A	9/1995	Goble et al.
4,574,804 A	3/1986	Kurwa	5,456,684 A	10/1995	Schmidt et al.
4,597,379 A	7/1986	Kihn et al.	5,458,598 A	10/1995	Feinberg et al.
4,600,007 A	7/1986	Lahodny et al.	5,460,629 A	10/1995	Shlain et al.
4,657,016 A	4/1987	Garito et al.	5,462,546 A	10/1995	Rydell
4,662,372 A	5/1987	Sharkany et al.	5,472,443 A	12/1995	Cordis et al.
4,671,274 A	6/1987	Sorochenko	5,478,351 A	12/1995	Meade et al.
4,685,459 A	8/1987	Xoch et al.	5,484,436 A	1/1996	Eggers et al.
D295,893 S	5/1988	Sharkany et al.	5,496,317 A	3/1996	Goble et al.
D295,894 S	5/1988	Sharkany et al.	5,499,997 A	3/1996	Sharpe et al.
4,763,669 A	8/1988	Jaeger	5,509,922 A	4/1996	Aranyi et al.
4,827,929 A	5/1989	Hodge	5,514,134 A	5/1996	Rydell et al.
4,887,612 A	12/1989	Esser et al.	5,527,313 A	6/1996	Scott et al.
4,938,761 A	7/1990	Ensslin	5,531,744 A	7/1996	Nardella et al.
4,985,030 A	1/1991	Melzer et al.	5,536,251 A	7/1996	Evard et al.
5,007,908 A	4/1991	Rydell	5,540,684 A	7/1996	Hassler, Jr.
5,026,370 A	6/1991	Lottick	5,540,685 A	7/1996	Parins et al.
5,099,840 A	3/1992	Goble et al.	5,540,715 A	7/1996	Katsaros et al.
5,116,332 A	5/1992	Lottick	5,558,672 A	9/1996	Edwards et al.
5,147,357 A	9/1992	Rose et al.	5,569,241 A	10/1996	Edwards
5,151,102 A	9/1992	Xamiyama et al.	5,569,243 A	10/1996	Kortenbach et al.
5,176,695 A	1/1993	Dulebohn	5,571,100 A	11/1996	Goble et al.
5,197,964 A	3/1993	Parins	5,573,424 A	11/1996	Poppe
5,215,101 A	6/1993	Jacobs et al.	5,573,535 A	11/1996	Viklund
5,217,457 A	6/1993	Delahuerga et al.	5,582,611 A	12/1996	Tsukagoshi et al.
5,217,458 A	6/1993	Parins	5,585,896 A	12/1996	Yamazaki et al.
5,244,462 A	9/1993	Delahuerga et al.	5,590,570 A	1/1997	LeMaire, III et al.
5,250,047 A	10/1993	Rydell	5,603,711 A	2/1997	Parins et al.
5,258,006 A	11/1993	Rydell et al.	5,603,723 A	2/1997	Aranyi et al.
5,261,918 A	11/1993	Phillips et al.	5,626,578 A	5/1997	Tihon
5,275,615 A	1/1994	Rose	5,626,609 A	5/1997	Zvenyatsky et al.
5,277,201 A	1/1994	Stern	5,630,833 A	5/1997	Katsaros et al.
5,282,799 A	2/1994	Rydell	5,637,110 A	6/1997	Pennybacker et al.
5,290,286 A	3/1994	Parins	5,643,294 A	7/1997	Tovey et al.
5,304,203 A	4/1994	El-Mallawany et al.	5,647,869 A	7/1997	Goble et al.
5,308,357 A	5/1994	Lichtman	5,647,871 A	7/1997	Levine et al.
5,318,589 A	6/1994	Lichtman	5,649,959 A	7/1997	Hannam et al.
5,324,289 A	6/1994	Eggers	5,658,281 A	8/1997	Heard
5,330,471 A	7/1994	Eggers	5,662,667 A	9/1997	Knodel
5,334,183 A	8/1994	Wuchinich	5,667,526 A	9/1997	Levin
5,334,215 A	8/1994	Chen	5,674,220 A	10/1997	Fox et al.
5,336,221 A	8/1994	Anderson	5,693,051 A	12/1997	Schulze et al.
5,342,359 A	8/1994	Rydell	5,695,522 A	12/1997	LeMaire, III et al.
5,342,381 A	8/1994	Tidemand	5,700,261 A	12/1997	Brinkerhoff
5,342,393 A	8/1994	Stack	5,702,390 A	12/1997	Austin et al.
5,352,222 A	10/1994	Rydell	5,707,369 A	1/1998	Vaitekunas et al.
5,354,271 A	10/1994	Voda	5,709,680 A	1/1998	Yates et al.
5,356,408 A	10/1994	Rydell	5,716,366 A	2/1998	Yates
5,366,477 A	11/1994	LeMarie, III et al.	5,720,744 A	2/1998	Eggleston et al.
5,383,897 A	1/1995	Wholey	5,727,428 A	3/1998	LeMaire, III et al.
5,389,098 A	2/1995	Tsuruta et al.	5,735,848 A	4/1998	Yates et al.
5,389,104 A	2/1995	Hahnen et al.	5,743,906 A	4/1998	Parins et al.
5,391,166 A	2/1995	Eggers	5,755,717 A	5/1998	Yates et al.
5,391,183 A	2/1995	Janzen et al.	5,766,130 A	6/1998	Selmonosky
5,403,312 A	4/1995	Yates et al.	5,766,166 A	6/1998	Hooven
5,411,519 A	5/1995	Tovey et al.	5,766,170 A	6/1998	Eggers
5,411,520 A	5/1995	Nash et al.	5,769,849 A	6/1998	Eggers
5,413,571 A	5/1995	Katsaros et al.	5,776,128 A	7/1998	Eggers
5,415,657 A	5/1995	Taymor-Luria	5,776,130 A	7/1998	Buysse et al.
5,422,567 A	6/1995	Matsunaga	5,779,701 A	7/1998	McBrayer et al.
5,423,810 A	6/1995	Goble et al.	5,792,137 A	8/1998	Carr et al.
5,425,739 A	6/1995	Jessen	5,792,177 A	8/1998	Kaseda
5,429,616 A	7/1995	Schaffer	5,797,938 A	8/1998	Paraschac et al.
5,431,674 A	7/1995	Basile et al.	5,797,958 A	8/1998	Yoon
5,437,292 A	8/1995	Kipshidze et al.	5,800,449 A	9/1998	Wales
5,438,302 A	8/1995	Goble	5,810,808 A	9/1998	Eggers
5,441,517 A	8/1995	Kensey et al.			

# US D525,361 S

5,810,811 A	9/1998	Yates et al.	6,280,458 B1	8/2001	Boche et al.
5,814,043 A	9/1998	Shapeton	D449,886 S	10/2001	Tetzlaff et al.
5,817,093 A	10/1998	Williamson, IV et al.	6,322,561 B1	11/2001	Eggers et al.
5,820,630 A	10/1998	Lind	6,334,860 B1	1/2002	Dorn
5,827,271 A	10/1998	Buysse et al.	6,334,861 B1	1/2002	Chandler et al.
5,827,279 A	10/1998	Hughett et al.	6,350,264 B1	2/2002	Hooven
5,827,281 A	10/1998	Levin	6,352,536 B1	3/2002	Buysse et al.
5,833,690 A	11/1998	Yates et al.	D457,958 S	5/2002	Dycus et al.
5,843,080 A	12/1998	Fleenor et al.	D457,959 S	5/2002	Tetzlaff et al.
5,849,022 A	12/1998	Sakashita et al.	6,398,779 B1	6/2002	Buysse et al.
5,853,412 A	12/1998	Mayenberger	6,409,728 B1	6/2002	Ehr et al.
5,876,401 A	3/1999	Schulze et al.	H2037 H	7/2002	Yates et al.
5,891,141 A	4/1999	Rydell	6,419,675 B1	7/2002	Gallo, Sr.
5,891,142 A	4/1999	Eggers et al.	6,425,896 B1	7/2002	Baltschun et al.
5,893,863 A	4/1999	Yoon	6,440,144 B1	8/2002	Bacher
5,893,875 A	4/1999	O'Connor et al.	6,443,970 B1	9/2002	Schulze et al.
5,902,301 A	5/1999	Olig	6,451,018 B1	9/2002	Lands et al.
5,906,630 A	5/1999	Anderhub et al.	6,458,128 B1	10/2002	Schulze
5,908,420 A	6/1999	Parins et al.	6,458,130 B1	10/2002	Frazier et al.
5,913,874 A	6/1999	Berns et al.	6,464,702 B1	10/2002	Schulze et al.
5,921,984 A	7/1999	Sutcu et al.	6,464,704 B1	10/2002	Schmaltz et al.
5,935,126 A	8/1999	Riza	6,511,480 B1	1/2003	Tetzlaff et al.
5,944,718 A	8/1999	Dafforn et al.	6,585,735 B1	7/2003	Frazier et al.
5,951,549 A	9/1999	Richardson et al.	6,620,161 B1	9/2003	Schulze et al.
5,954,720 A	9/1999	Wilson et al.	6,626,901 B1	9/2003	Treat et al.
5,976,132 A	11/1999	Morris	6,682,528 B1	1/2004	Frazier et al.
5,989,277 A	11/1999	LeMaire, III et al.	6,695,840 B1	2/2004	Schulze
6,004,335 A	12/1999	Vaitekunas et al.	6,726,686 B1	4/2004	Buysse et al.
6,010,516 A	1/2000	Hulka et al.	6,743,229 B1	6/2004	Buysse et al.
6,024,741 A	2/2000	Williamson et al.	6,770,072 B1	8/2004	Truckai et al.
6,024,744 A	2/2000	Kese et al.	D496,997 S	10/2004	Dycus et al.
6,033,399 A	3/2000	Gines	D499,181 S	11/2004	Dycus et al.
6,039,733 A	3/2000	Buysse et al.	2002/0188294 A1	12/2002	Couture et al.
6,041,679 A	3/2000	Slater et al.	2003/0014052 A1	1/2003	Buysse et al.
6,050,996 A	4/2000	Schmaltz et al.	2003/0014053 A1	1/2003	Nguyen et al.
6,053,914 A	4/2000	Eggers et al.	2003/0018331 A1	1/2003	Dycus et al.
6,053,933 A	4/2000	Balazs et al.	2003/0018332 A1	1/2003	Schmaltz et al.
D424,694 S	5/2000	Tetzlaff et al.	2003/0032956 A1	2/2003	Lands et al.
D425,201 S	5/2000	Tetzlaff et al.	2003/0069571 A1	4/2003	Treat et al.
RE36,795 E	7/2000	Rydell	2003/0082952 A1	5/2003	Dycus et al.
6,083,223 A	7/2000	Baker	2003/0109875 A1	6/2003	Tetzlaff et al.
6,086,586 A	7/2000	Hooven	2003/0139742 A1	7/2003	Wampler et al.
6,090,107 A	7/2000	Borgmeier et al.	2003/0158549 A1	8/2003	Swanson
6,096,037 A	8/2000	Mulier et al.	2003/0181910 A1	9/2003	Dycus et al.
6,099,550 A	8/2000	Yoon	2003/0199869 A1	10/2003	Johnson et al.
6,102,909 A	8/2000	Chen et al.	2003/0229344 A1	12/2003	Dycus et al.
6,110,171 A	8/2000	Rydell	2004/0087943 A1	5/2004	Dycus et al.
6,113,596 A	9/2000	Hooven et al.	2004/0115296 A1	6/2004	Duffin
6,113,598 A	9/2000	Baker	2004/0116924 A1	6/2004	Dycus et al.
H1904 H	10/2000	Yates et al.	2004/0122423 A1	6/2004	Dycus et al.
6,126,658 A	10/2000	Baker	2004/0143283 A1	7/2004	Schechter et al.
6,152,923 A	11/2000	Ryan	2004/0147925 A1	7/2004	Buysse et al.
6,174,309 B1	1/2001	Wrublewski et al.	2004/0162557 A1	8/2004	Tetzlaff et al.
6,179,834 B1	1/2001	Buysse et al.	2004/0176762 A1	9/2004	Lawes et al.
6,179,837 B1	1/2001	Hooven	2004/0225288 A1	11/2004	Buysse et al.
6,183,467 B1	2/2001	Shapeton et al.	2004/0236325 A1	11/2004	Tetzlaff et al.
6,187,003 B1	2/2001	Buysse et al.	2004/0243125 A1	12/2004	Dycus et al.
6,190,386 B1	2/2001	Rydell	2004/0249371 A1	12/2004	Dycus et al.
6,193,718 B1	2/2001	Kortenbach et al.	2004/0249374 A1	12/2004	Tetzlaff et al.
6,206,877 B1	3/2001	Kese et al.	2004/0250419 A1	12/2004	Sremcich et al.
6,224,593 B1	5/2001	Ryan et al.	2004/0254573 A1	12/2004	Dycus et al.
6,228,080 B1	5/2001	Gines	2005/0004568 A1	1/2005	Lawes et al.
6,228,083 B1	5/2001	Lands et al.	2005/0004570 A1	1/2005	Chapman et al.
6,267,761 B1	7/2001	Ryan	2005/0021025 A1	1/2005	Buysse et al.
6,270,508 B1	8/2001	Klieman et al.	2005/0021026 A1	1/2005	Bally
6,273,887 B1	8/2001	Yamauchi et al.	2005/0021027 A1	1/2005	Shields et al.
6,277,117 B1	8/2001	Tetzlaff et al.			

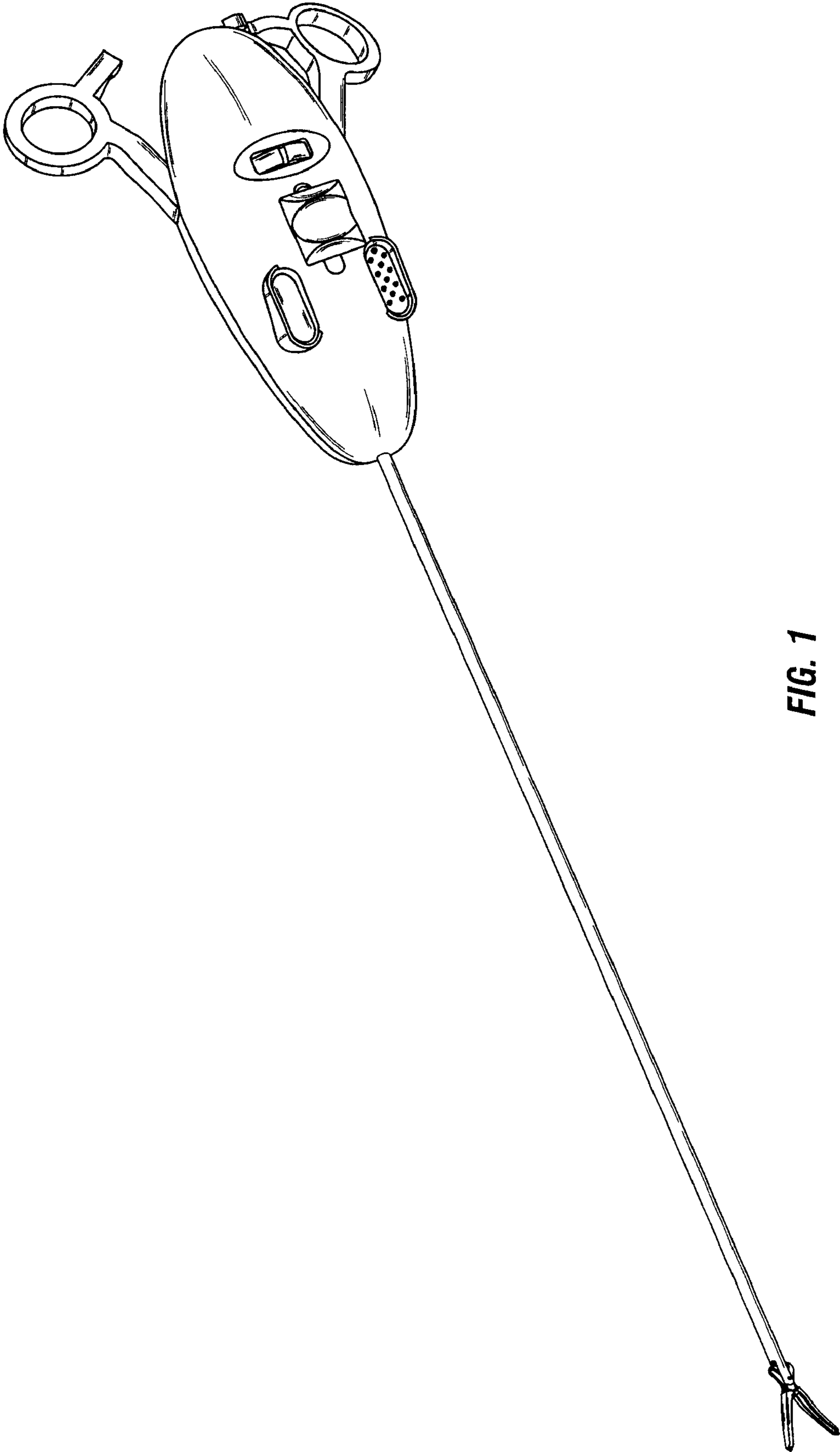
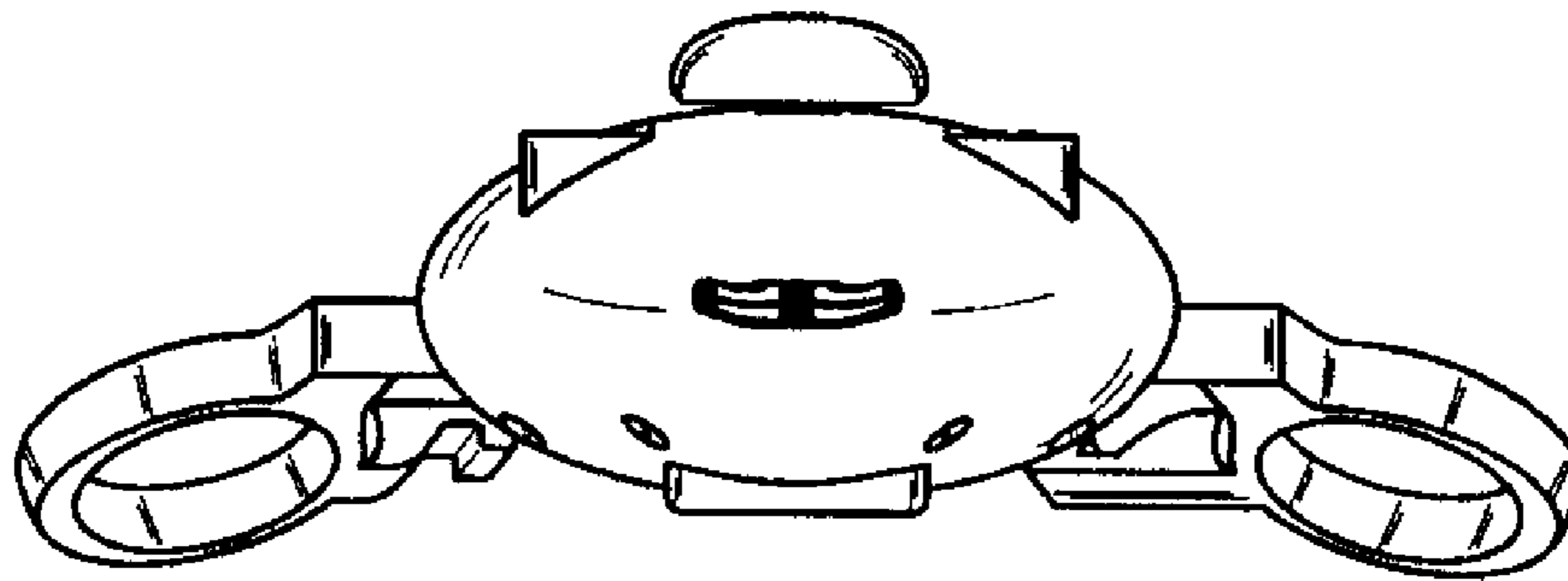
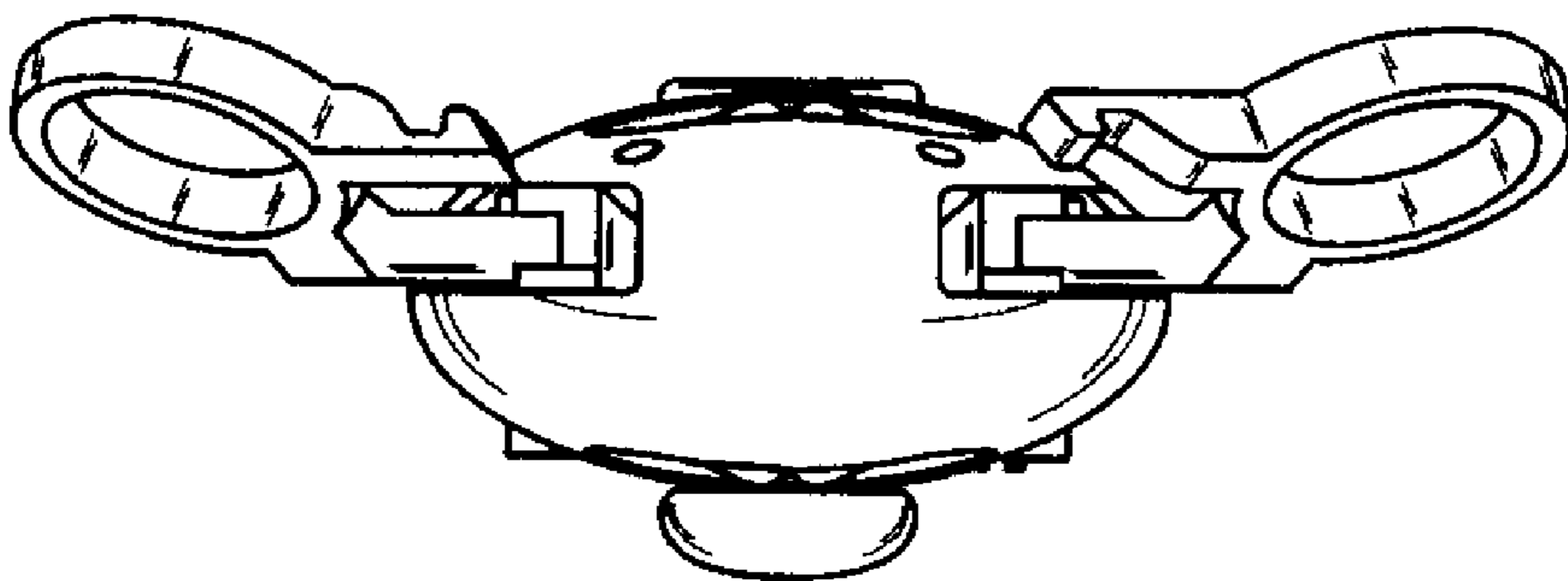


FIG. 1



**FIG. 2**



**FIG. 3**

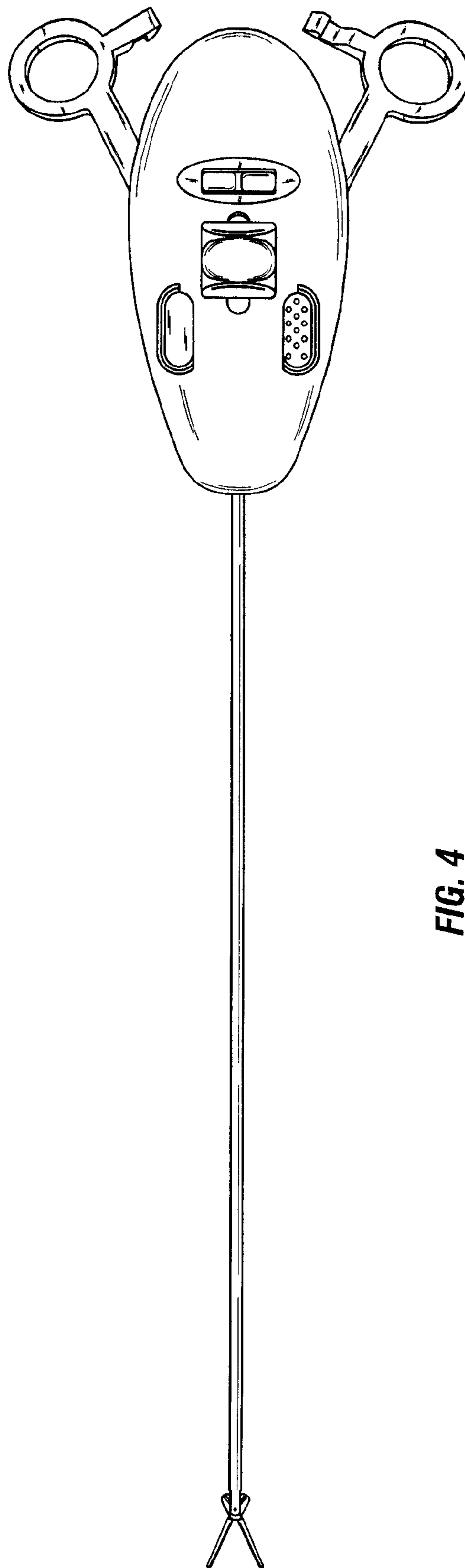
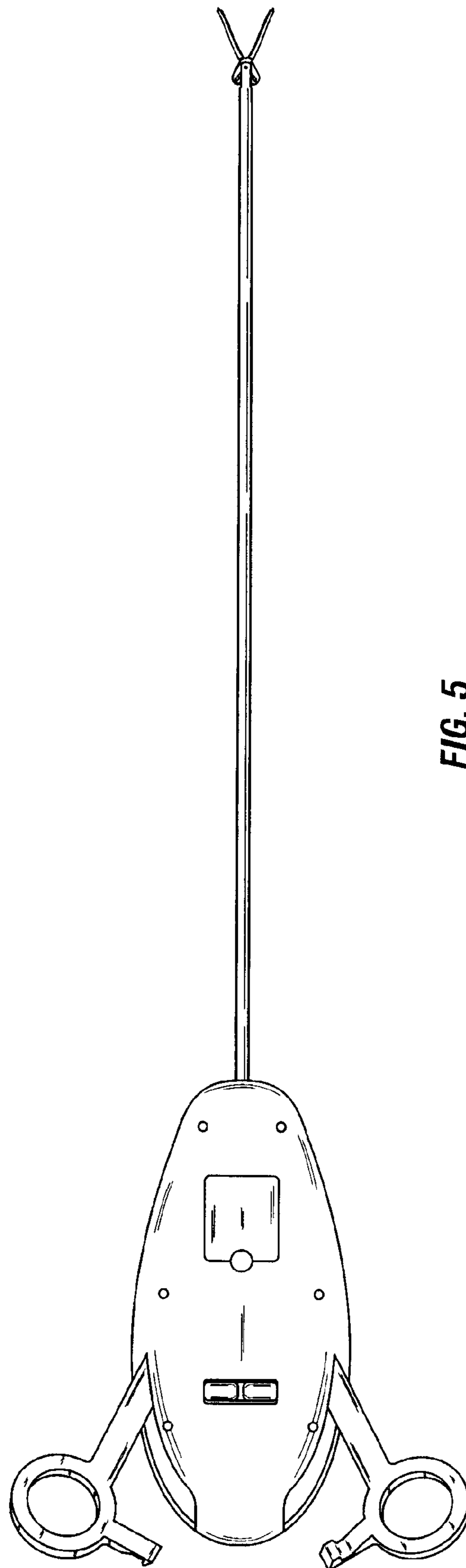
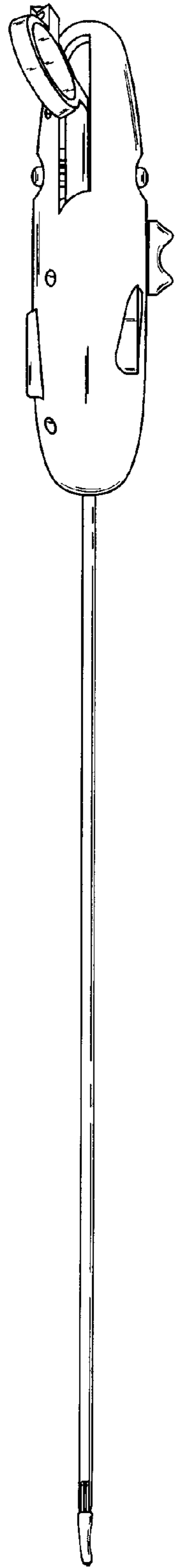


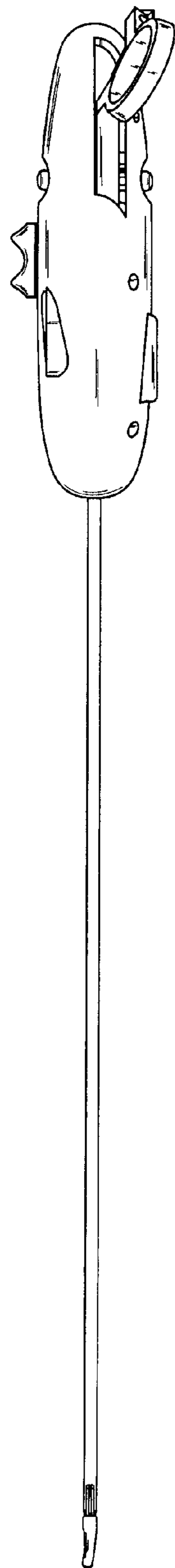
FIG. 4



**FIG. 5**



**FIG. 6**



**FIG. 7**