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

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(54) **SPECULUM**

(71) Applicant: **CEEK Women's Health, Inc.**

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(73) Assignee: **CEEK Women's Health, Inc.**,  
Portland, OR (US)

(\*\*) Term: **15 Years**

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(51) **LOC (14) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/135**

(58) **Field of Classification Search**  
USPC ..... D24/135, 133, 143  
CPC .. A61B 1/303; A61B 1/32; A61B 1/06; A61B  
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See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

55,511 A	6/1866	Lentz
977,489 A	12/1910	Unruh
1,969,671 A	8/1934	Archer
2,083,573 A	6/1937	Morgan
2,123,343 A	7/1938	Rightsell
2,324,485 A	7/1943	Chamberlain, Jr.
2,509,241 A	5/1950	Mende
2,579,849 A	12/1951	Newman
2,670,736 A	3/1954	Dunkelberger
2,714,886 A	8/1955	Charles
2,884,925 A	5/1959	Meynier, Jr.
2,954,025 A	9/1960	Grieshaber
3,110,305 A	11/1963	Sygnator
3,139,886 A	7/1964	Tallman et al.
3,246,646 A	4/1966	Murphy, Jr.

3,324,850 A	6/1967	Emmett et al.
3,332,414 A	7/1967	Gasper
3,532,088 A	10/1970	Fiore
3,565,061 A	2/1971	Reynolds
3,650,266 A	3/1972	Pestka et al.
3,744,481 A	7/1973	Mcdonald
3,752,149 A	8/1973	Rosenthal et al.
3,762,400 A	10/1973	Mc
3,769,968 A	11/1973	Blount et al.
3,815,585 A	6/1974	Fiore

(Continued)

**FOREIGN PATENT DOCUMENTS**

AU	2016380985 A1	7/2018
CN	201595813 U	10/2010

(Continued)

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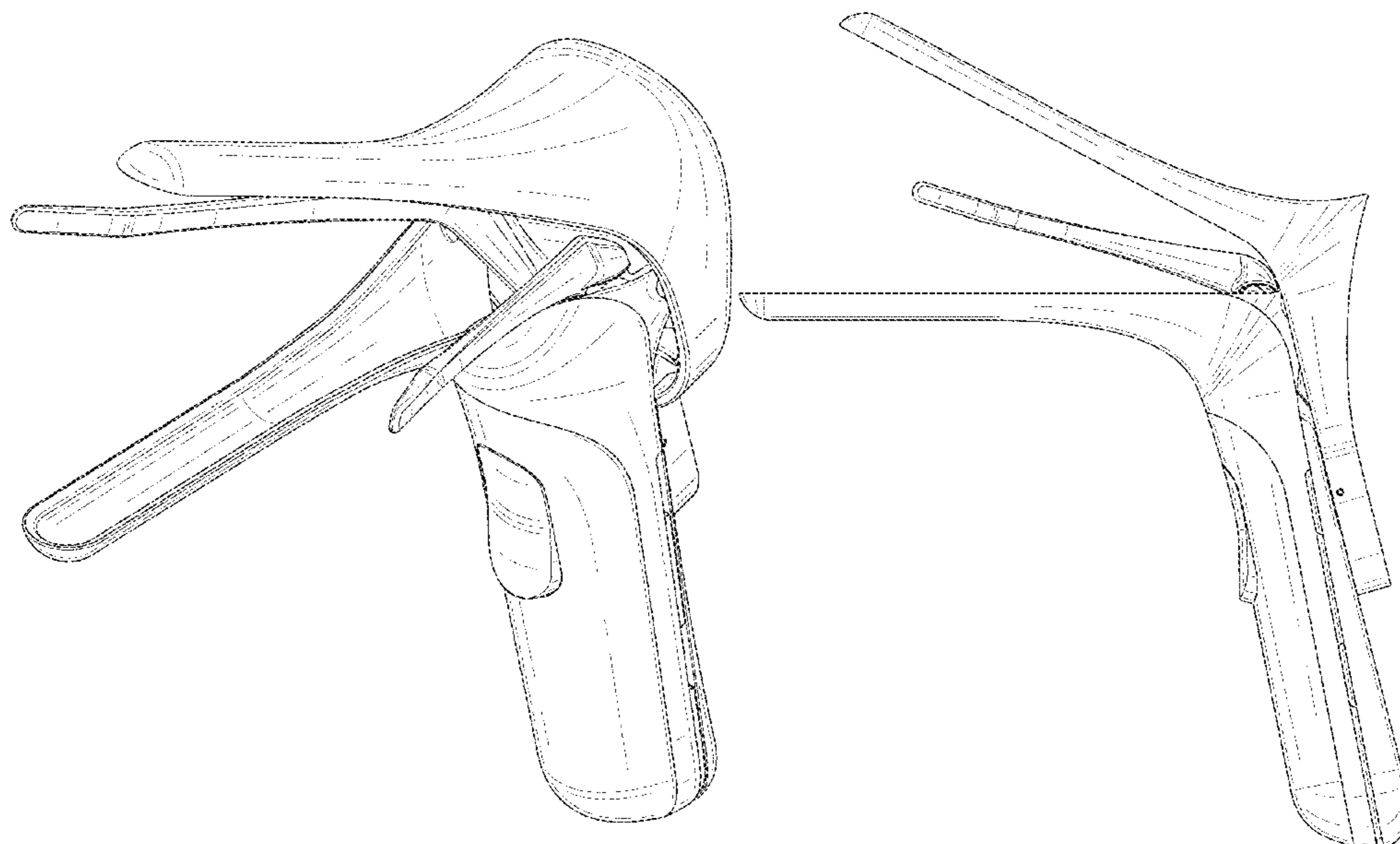
(57) **CLAIM**

The ornamental design for a speculum, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front, and right side perspective view of a speculum of our design;  
 FIG. 2 is a top, rear, and left side perspective view thereof;  
 FIG. 3 is a bottom, rear, and right side perspective view thereof;  
 FIG. 4 is a front view thereof;  
 FIG. 5 is a rear view thereof;  
 FIG. 6 is a top view thereof;  
 FIG. 7 is a bottom view thereof;  
 FIG. 8 is a right side view thereof; and,  
 FIG. 9 is a left side view thereof.  
 The dash-dash broken lines illustrate portions of the speculum that form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



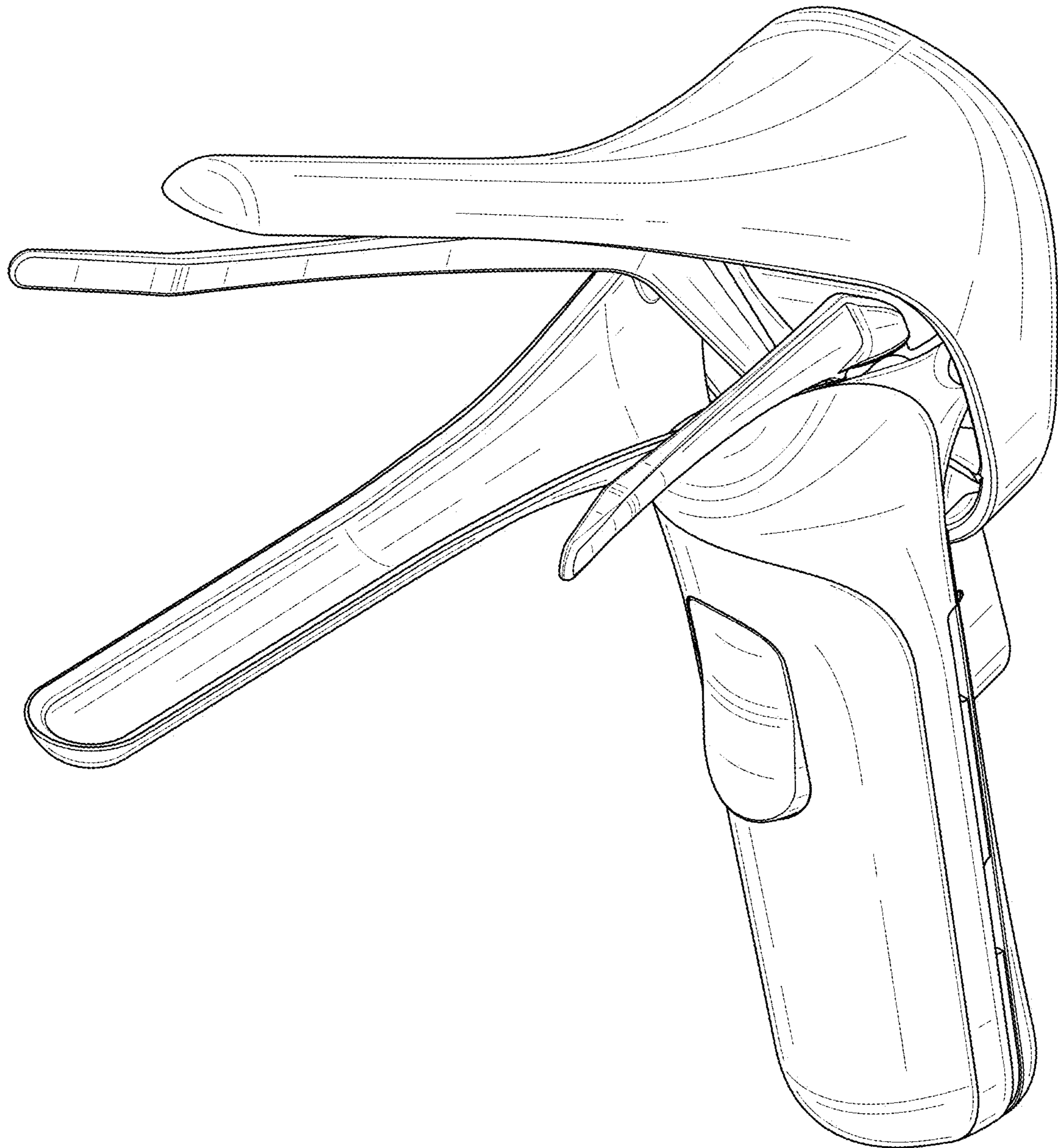
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References Cited

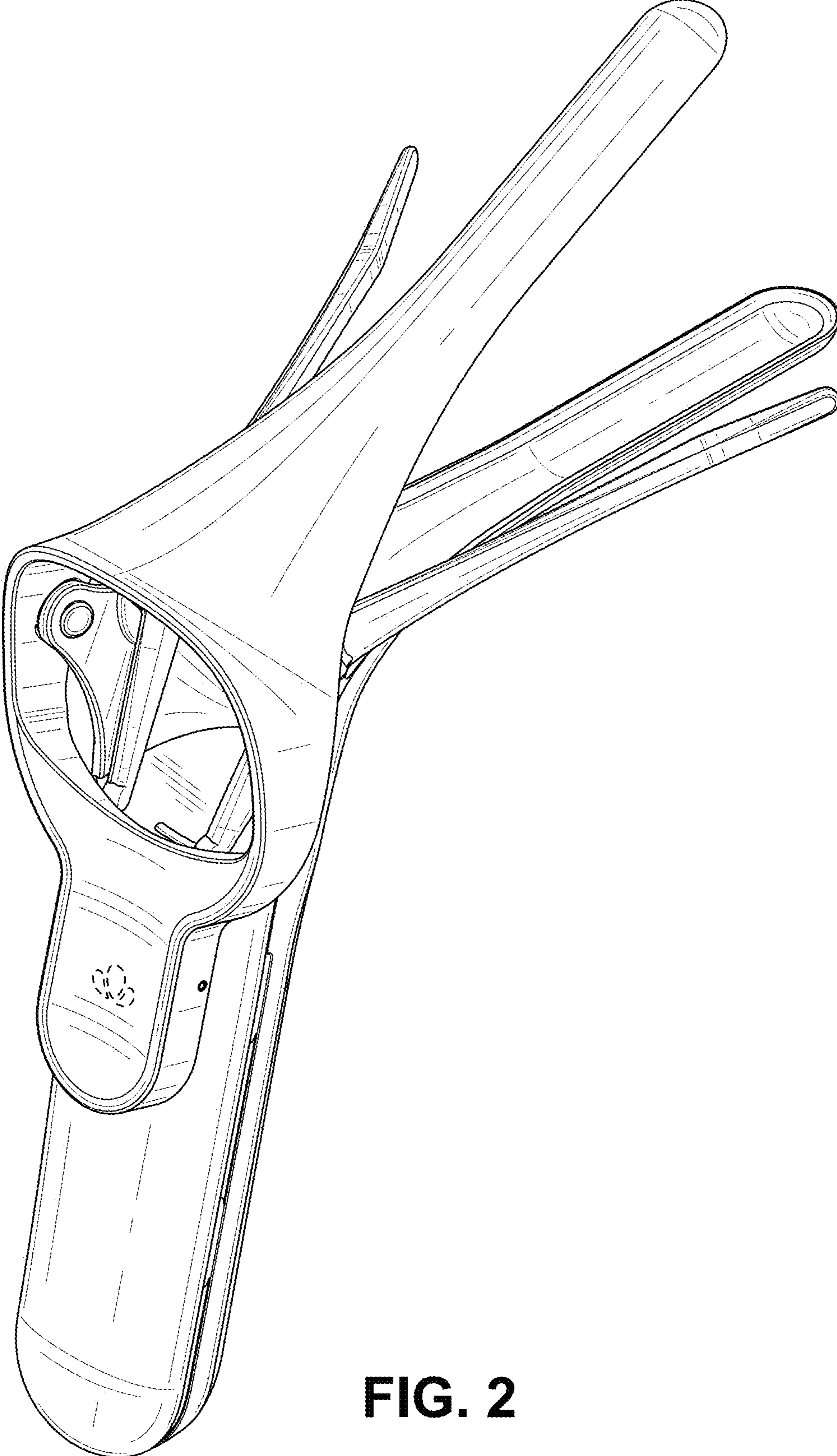
U.S. PATENT DOCUMENTS

3,841,317 A	10/1974	Awais	6,379,299 B1	4/2002	Borodulin et al.
3,851,642 A	12/1974	Mcdonald	6,395,012 B1	5/2002	Yoon et al.
3,857,395 A	12/1974	Johnson et al.	6,416,466 B1	7/2002	Hsiao
3,885,563 A	5/1975	Johnson et al.	6,416,467 B1	7/2002	Mcmillin et al.
3,890,961 A	6/1975	Moore et al.	6,428,474 B1	8/2002	Weiss
4,004,591 A	1/1977	Freimark	6,432,048 B1	8/2002	Francois
4,010,751 A	3/1977	Ring	6,436,033 B2	8/2002	Tan
4,344,419 A	8/1982	Burgin	6,508,780 B1	1/2003	Edgett et al.
4,356,817 A	11/1982	Mckibben et al.	D474,275 S	5/2003	Tan
4,428,370 A	1/1984	Keely	6,569,091 B2	5/2003	Diokno et al.
4,492,220 A	1/1985	Hayes	6,669,654 B2	12/2003	Diokno et al.
4,502,468 A	3/1985	Burgin	6,702,740 B2	3/2004	Herold
4,566,439 A	1/1986	Burgin	6,902,530 B1	6/2005	Pianka
4,597,382 A	7/1986	Perez, Jr.	6,939,289 B2	9/2005	Zunker et al.
4,638,792 A	1/1987	Burgin	7,047,975 B2	5/2006	Austin et al.
4,676,773 A	6/1987	Sheldon	7,063,664 B2	6/2006	Mohajer
4,735,621 A	4/1988	Hessel	7,105,007 B2	9/2006	Hibler
D299,532 S *	1/1989	Cecil, Jr. .... D24/135	7,172,573 B1	2/2007	Lamb
4,805,604 A	2/1989	Spery	7,311,663 B2	12/2007	Marcotte
4,807,600 A	2/1989	Hayes	D558,871 S	1/2008	Osterberg
4,834,077 A	5/1989	Sun	7,322,358 B2	1/2008	Tam et al.
4,857,175 A	8/1989	Spinnler	7,338,462 B2	3/2008	Minoguchi et al.
4,867,176 A	9/1989	Lash	7,371,212 B2	5/2008	Klaassen
4,945,923 A	8/1990	Evans et al.	7,392,807 B2	7/2008	Osterberg
4,976,273 A	12/1990	Hessel	D593,195 S	5/2009	Osterberg
4,981,147 A	1/1991	Barnett	7,654,953 B2	2/2010	Borodulin et al.
4,984,564 A	1/1991	Yuen	7,658,712 B2	2/2010	Klaassen et al.
4,993,433 A	2/1991	Reddy	7,665,893 B2	2/2010	Buchalter
5,007,409 A	4/1991	Pope	7,798,986 B2	9/2010	Melvin et al.
5,041,080 A	8/1991	Shimatani et al.	7,810,500 B2	10/2010	Osterberg
5,072,720 A	12/1991	Francis et al.	7,815,594 B2	10/2010	Dougherty et al.
5,083,414 A	1/1992	Wu	7,896,806 B2	3/2011	Shah et al.
5,094,250 A	3/1992	Hessel	7,918,004 B2	4/2011	Melvin et al.
5,135,475 A	8/1992	Nakanishi et al.	8,062,245 B2	11/2011	Gann et al.
5,156,165 A	10/1992	Wu	8,075,512 B2	12/2011	Sargent et al.
5,174,278 A	12/1992	Babkow	8,083,673 B2	12/2011	Rosen
5,179,936 A	1/1993	Ohara et al.	8,142,352 B2	3/2012	Vivenzio et al.
5,179,937 A	1/1993	Lee	8,162,872 B2	4/2012	Loyd et al.
5,193,555 A	3/1993	Richardson et al.	8,256,423 B2	9/2012	Osterberg
5,209,241 A	5/1993	Hardy	8,267,860 B2	9/2012	Klaassen et al.
5,243,966 A	9/1993	Ng	D671,642 S	11/2012	Grisby
5,342,385 A	8/1994	Norelli et al.	8,435,205 B2	5/2013	Arora et al.
5,347,995 A	9/1994	Slater et al.	8,449,491 B2	5/2013	Hasse et al.
5,377,667 A	1/1995	Patton et al.	8,449,492 B2	5/2013	Sargent et al.
5,433,219 A	7/1995	Spery	8,460,187 B2	6/2013	Bouquet
5,460,165 A	10/1995	Mayes	8,485,196 B2	7/2013	Osterberg
5,505,690 A	4/1996	Patton et al.	8,539,660 B2	9/2013	Melvin et al.
5,540,658 A	7/1996	Evans et al.	8,652,035 B2	2/2014	Steigerwald
5,598,852 A	2/1997	Spery	8,734,414 B2	5/2014	Winkel et al.
5,622,185 A	4/1997	Richardson et al.	8,747,308 B2	6/2014	Muzzammel
5,623,946 A	4/1997	Hessel	D710,500 S	8/2014	Roeloffs
5,687,741 A	11/1997	Torger	8,834,362 B2	9/2014	Shipp
5,716,329 A	2/1998	Dieter	8,876,711 B2	11/2014	Lin et al.
5,743,852 A	4/1998	Johnson	8,926,547 B2	1/2015	Arora et al.
5,785,648 A	7/1998	Min	8,979,751 B2	3/2015	George
5,865,729 A	2/1999	Meehan et al.	8,979,851 B2	3/2015	Fallin et al.
5,868,668 A	2/1999	Weiss	9,132,043 B2	9/2015	Winkel et al.
5,992,415 A	11/1999	Alla et al.	9,186,282 B2	11/2015	Ito et al.
6,019,743 A	2/2000	Cole et al.	9,233,029 B2	1/2016	Gann et al.
6,024,696 A	2/2000	Hoftman et al.	9,283,122 B2	3/2016	Taniguchi et al.
6,036,638 A	3/2000	Nwawka	9,326,671 B2	5/2016	Roeloffs
6,048,308 A	4/2000	Strong	10,456,016 B2	10/2019	Lalli et al.
6,095,998 A	8/2000	Osborn et al.	10,687,699 B2	6/2020	Lalli et al.
6,096,046 A	8/2000	Weiss	D924,397 S	7/2021	Lalli et al.
6,174,282 B1	1/2001	Tan	D935,610 S *	11/2021	Wang ..... D24/135
6,186,973 B1	2/2001	Buzot	2001/0056223 A1	12/2001	Thompson
6,248,089 B1	6/2001	Porat	2002/0115910 A1	8/2002	Diokno et al.
6,254,566 B1	7/2001	Buck et al.	2003/0069477 A1	4/2003	Raisman et al.
6,280,379 B1	8/2001	Resnick	2003/0105387 A1	6/2003	Frumovitz et al.
6,287,251 B1	9/2001	Tan	2005/0021069 A1	1/2005	Feuer et al.
6,302,862 B1	10/2001	Osborn et al.	2005/0021080 A1	1/2005	Feuer et al.
6,341,607 B1	1/2002	Couvreur	2005/0085699 A1	4/2005	Weiss
6,347,243 B1	2/2002	Fraden	2005/0124860 A1	6/2005	Mohajer
6,354,995 B1	3/2002	Hoftman et al.	2005/0192482 A1	9/2005	Carpenter et al.
6,361,543 B1	3/2002	Chin et al.	2005/0197615 A1	9/2005	Gann et al.
			2005/0273044 A1	12/2005	Gann et al.
			2005/0277867 A1	12/2005	Minoguchi et al.
			2006/0047285 A1	3/2006	Fields
			2006/0079924 A1	4/2006	Sanders et al.

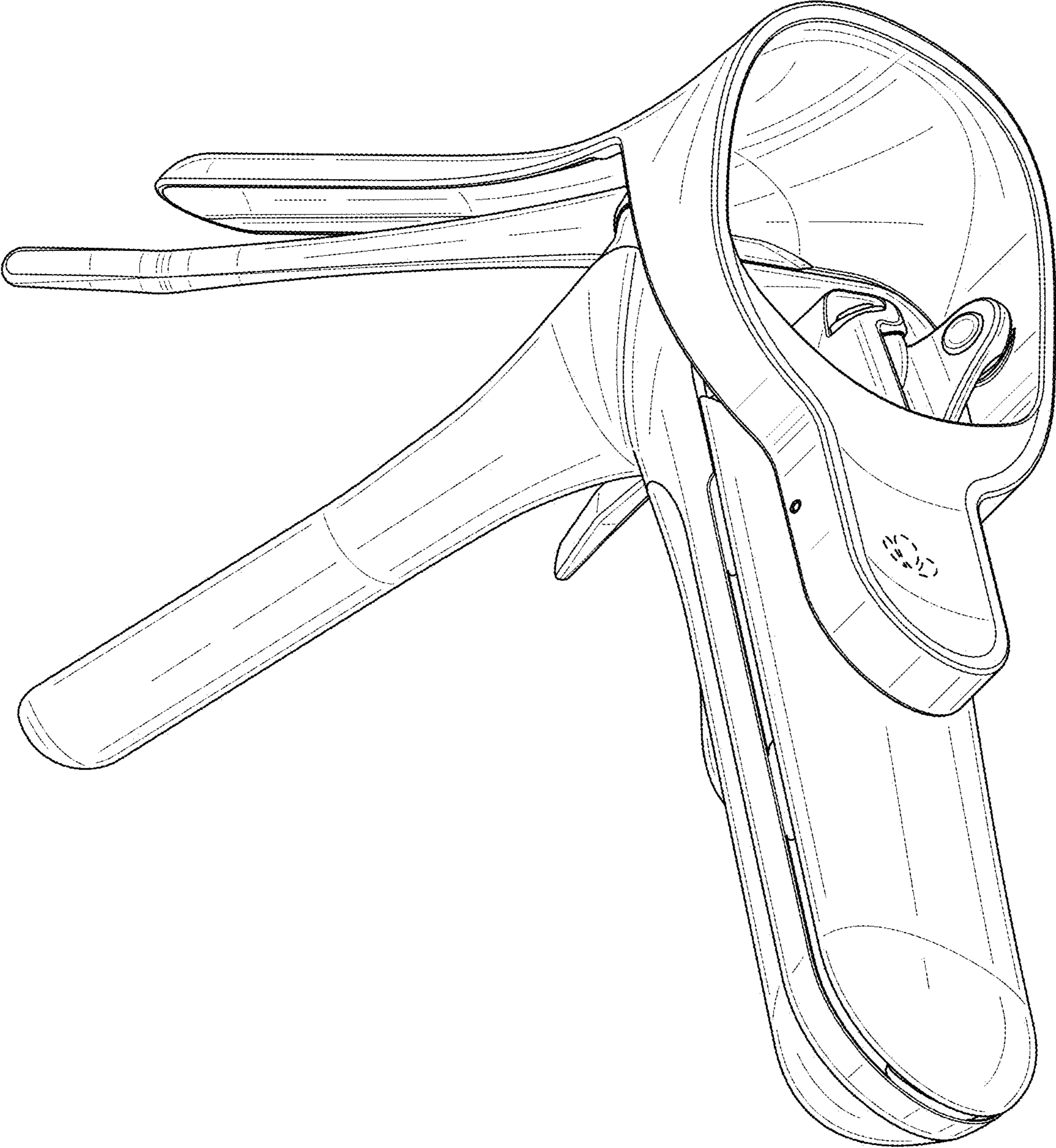




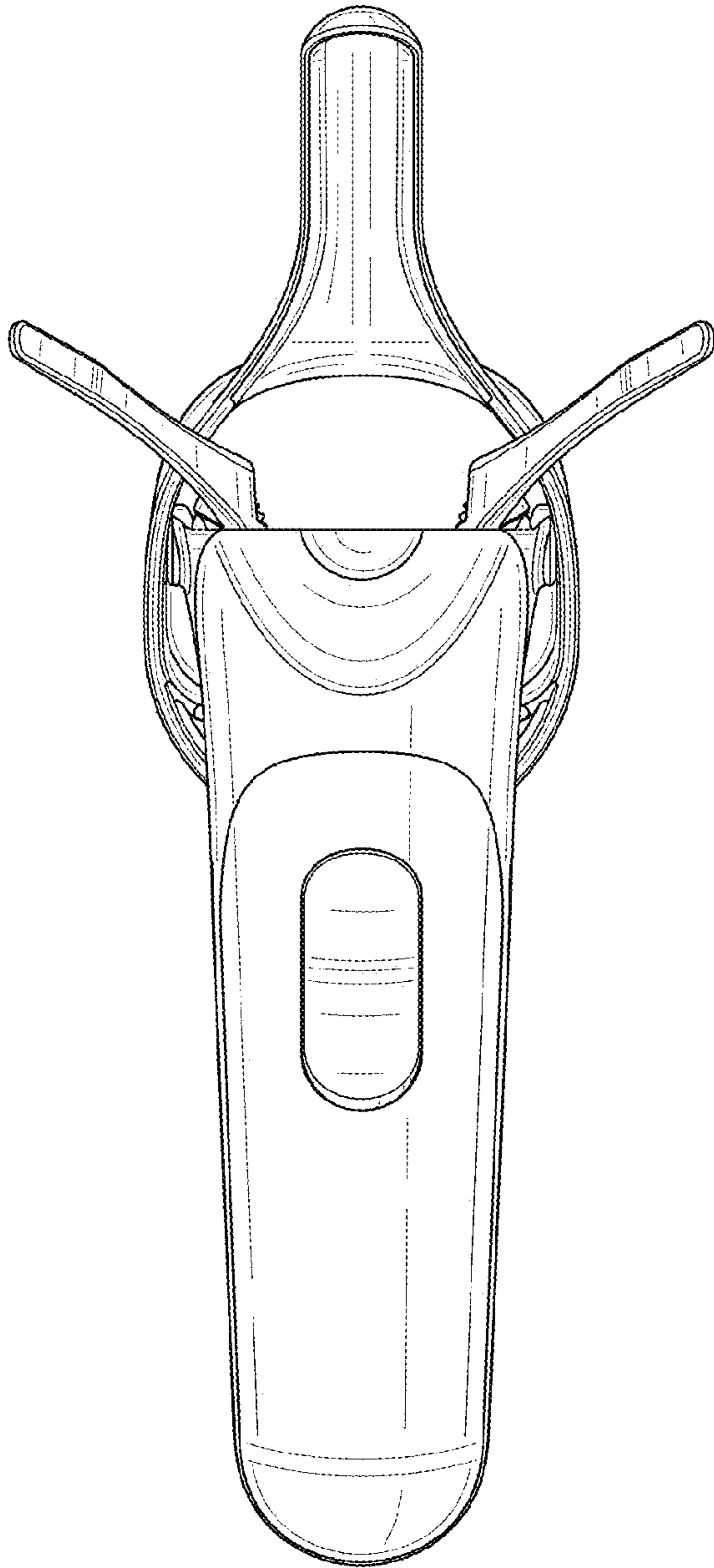
**FIG. 1**



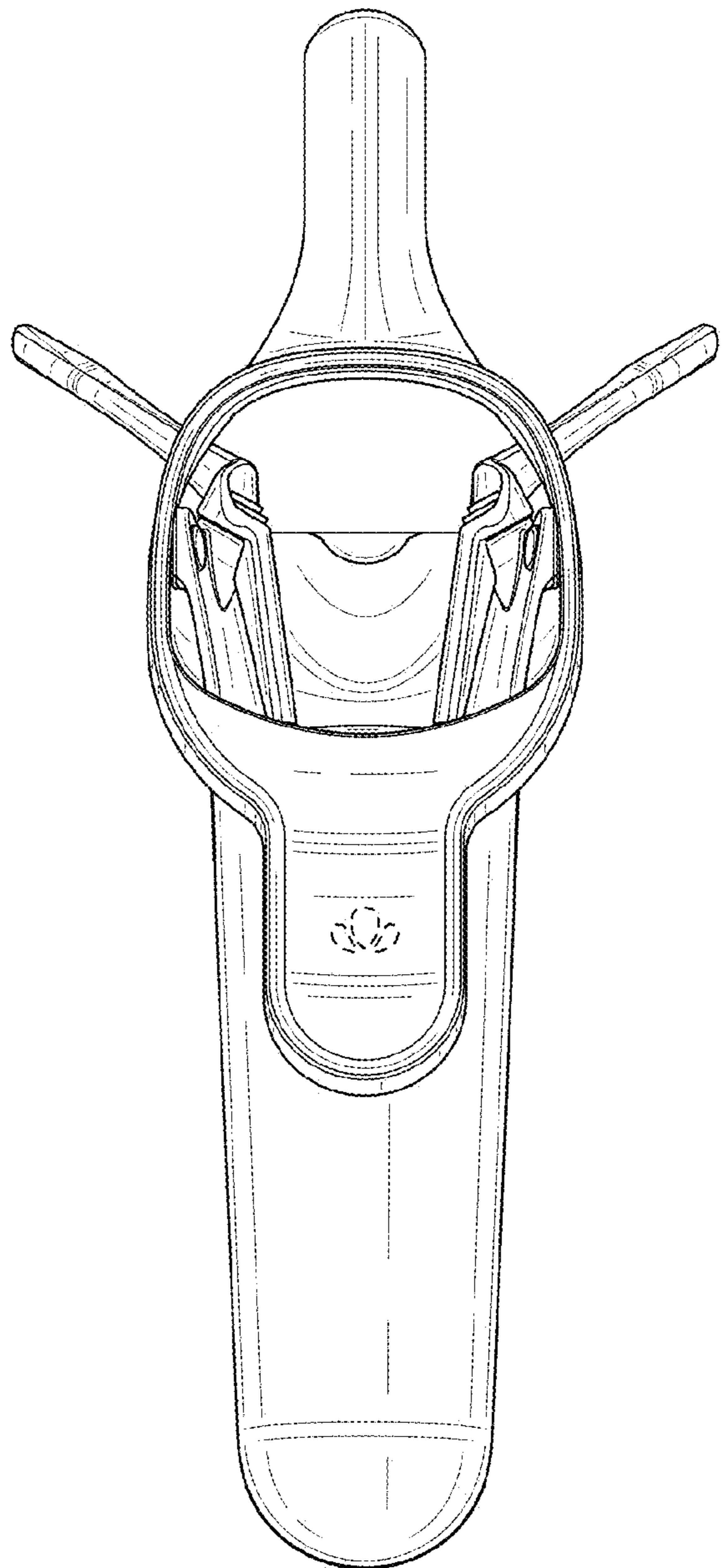
**FIG. 2**



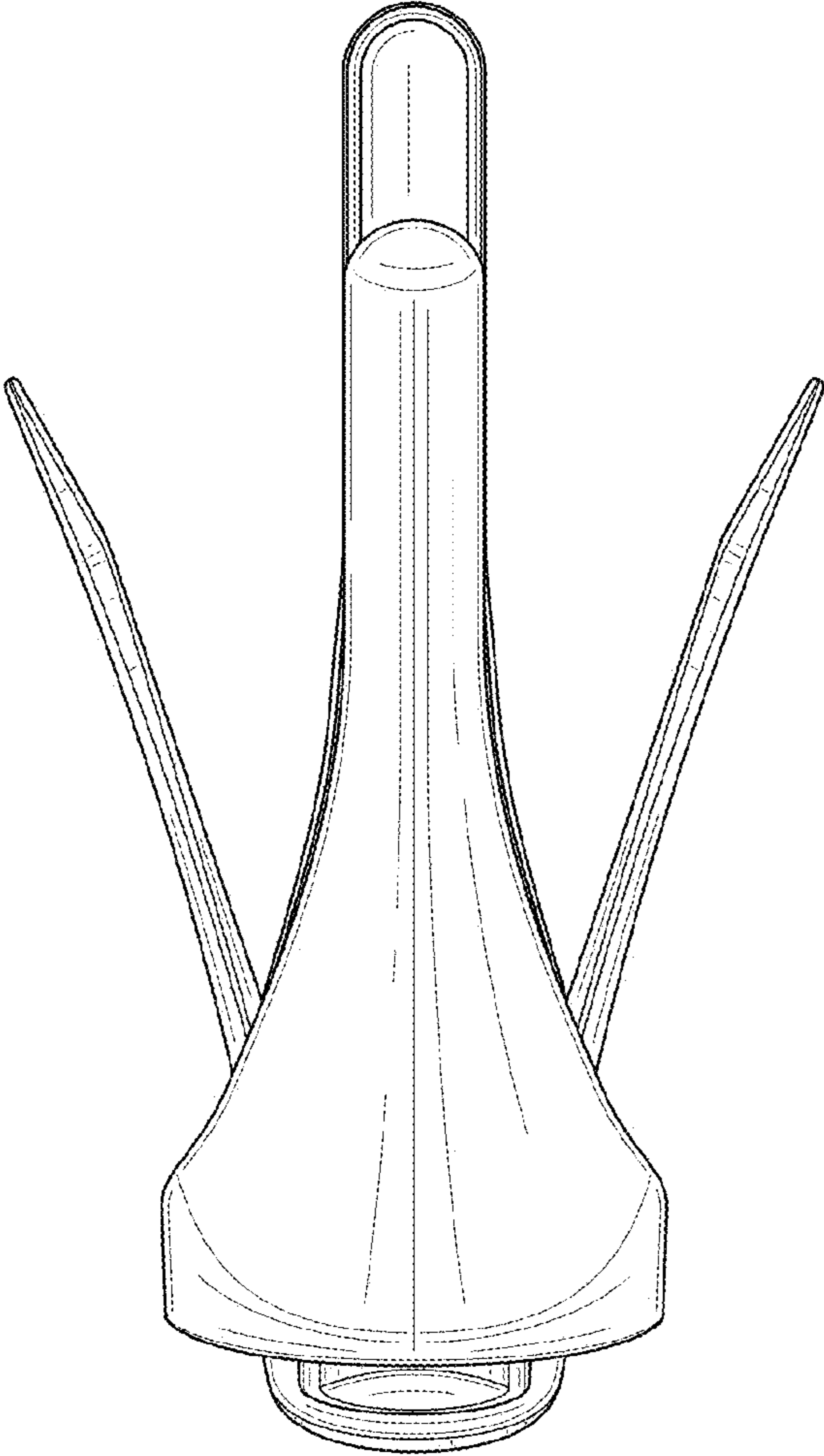
**FIG. 3**



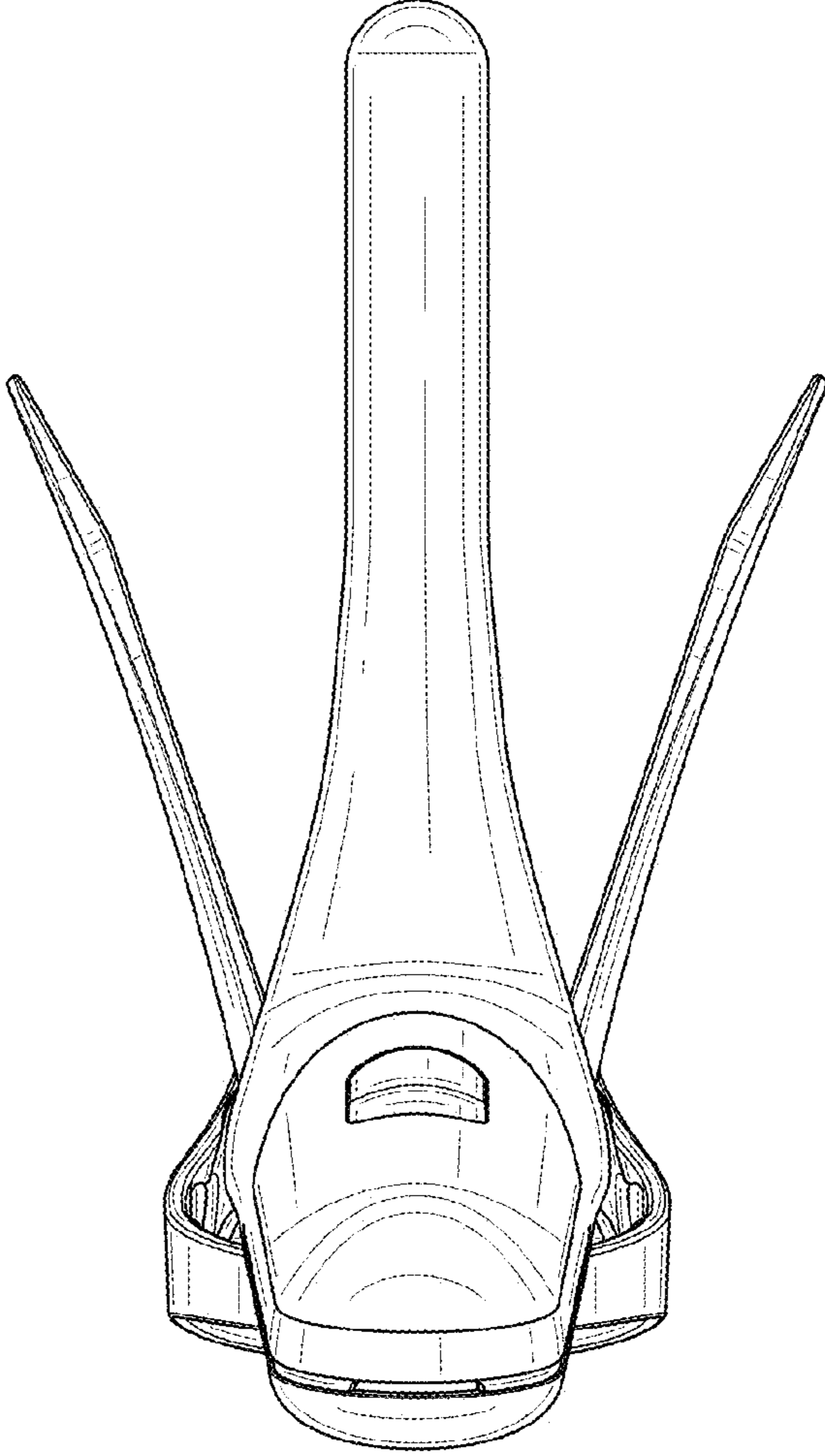
**FIG. 4**



**FIG. 5**

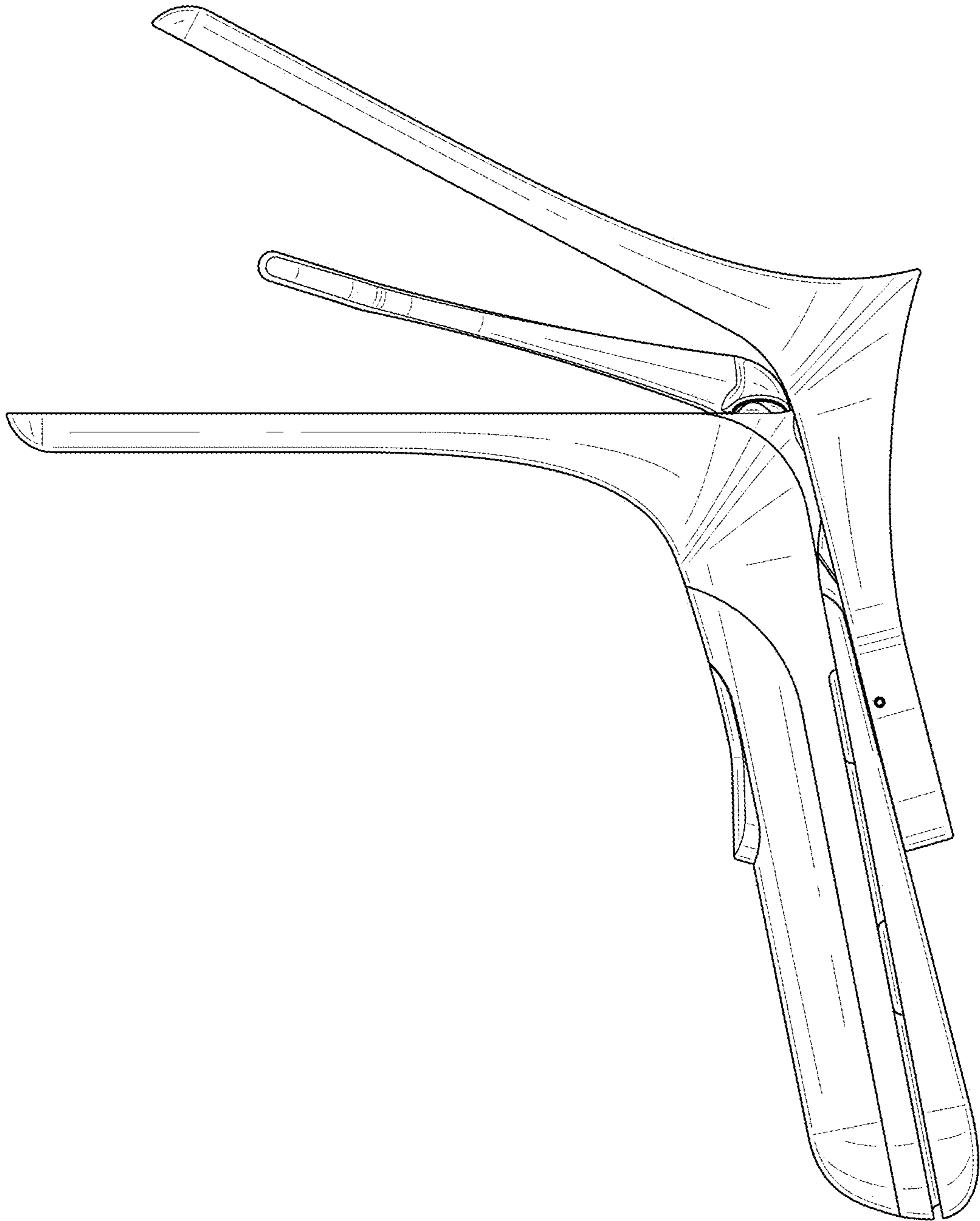


**FIG. 6**

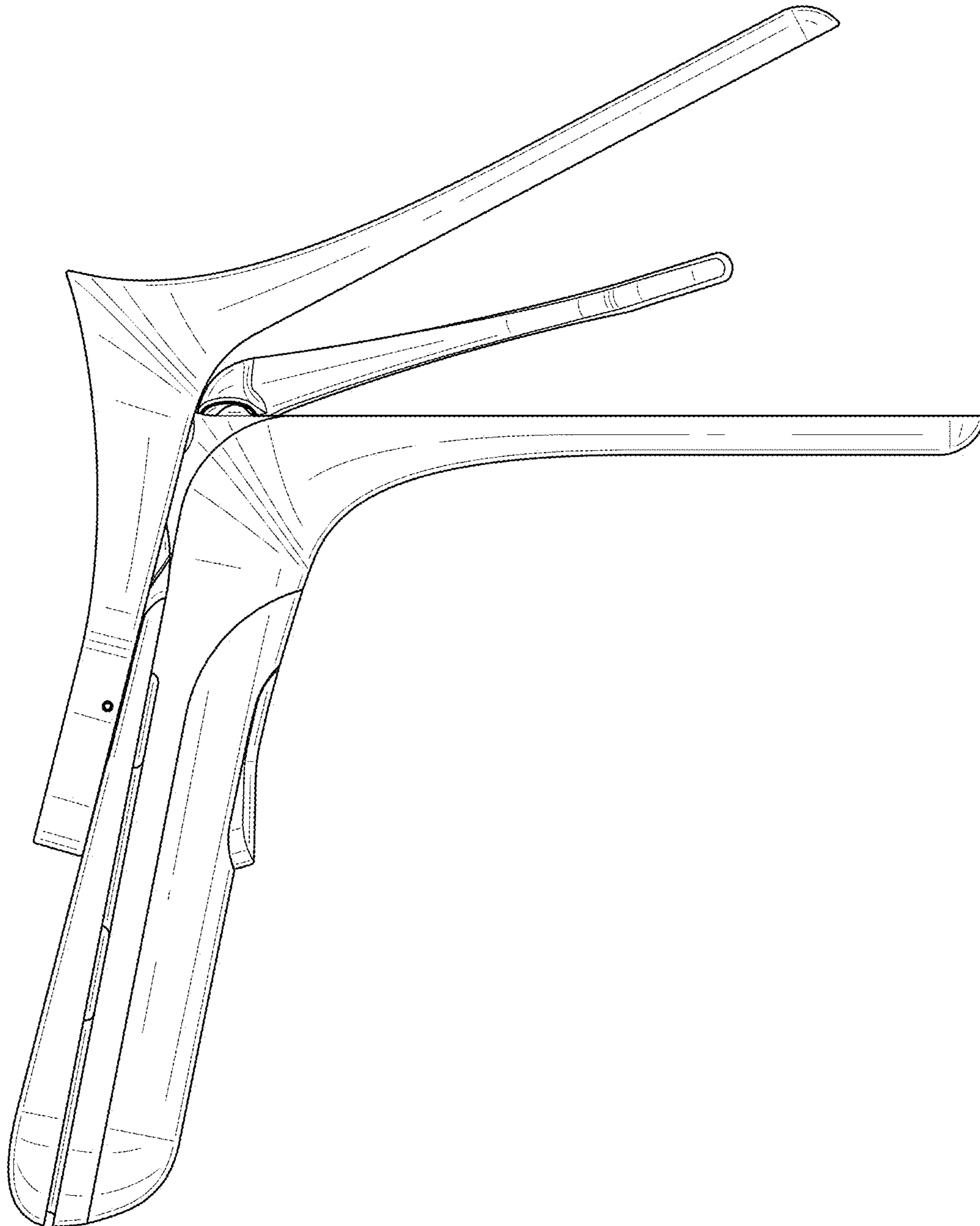


**FIG. 7**





**FIG. 8**



**FIG. 9**