



US00D926978S

(12) **United States Design Patent** (10) **Patent No.:** **US D926,978 S**
Stoklund et al. (45) **Date of Patent:** **** Aug. 3, 2021**

(54) **SURGICAL INSTRUMENT HANDLE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **GetSet Surgical SA**, Epalinges (CH)

CN 204033456 U 12/2014
GB 2348390 B 10/2000

(72) Inventors: **Ole Stoklund**, Lausanne (CH);
Lawrence Binder, Miami, FL (US);
John Kapitan, Leicester, NC (US)

(Continued)

(73) Assignee: **GETSET SURGICAL SA**

OTHER PUBLICATIONS

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

International Search Report dated Oct. 15, 2019 for corresponding International Application No. PCT/2019/044429.

(21) Appl. No.: **29/694,193**

(Continued)

(22) Filed: **Jun. 7, 2019**

Primary Examiner — T Chase Nelson

Assistant Examiner — Kelly L Gross

(51) **LOC (13) Cl.** **24-02**

(74) *Attorney, Agent, or Firm* — David Meibos;

Maywood IP Law

(52) **U.S. Cl.**

(57) **CLAIM**

USPC **D24/133**; D24/147

The ornamental design for a surgical instrument handle, as shown and described.

(58) **Field of Classification Search**

DESCRIPTION

USPC D24/108, 112, 113, 114, 115, 116, 117,
D24/127, 133, 134, 136, 137, 138, 143,
D24/145, 200, 144, 147; D8/14, 16, 19,
D8/21, 82, 83, 84, 85, 86, 107, 34, 300,
D8/303, 314, 372, 374, 394, 77, 17, 22,
D8/23, 24, 25, 26, 27, 28, 29, 52, 55, 81,
D8/87, 102, 103, 104, 105, 106, 98, 99,
D8/93, 94

FIG. 1 is a front, left, and top isometric view of a surgical instrument handle.

FIG. 2 is a rear, right, and top isometric view of the surgical instrument handle.

FIG. 3 is a left elevation view of the surgical instrument handle.

FIG. 4 is a right elevation view of the surgical instrument handle.

FIG. 5 is a rear elevation view of the surgical instrument handle.

FIG. 6 is a front elevation view of the surgical instrument handle.

FIG. 7 is a top plan view of the surgical instrument handle; and,

FIG. 8 is a bottom plan view of the surgical instrument handle.

The broken lines are included for the purpose of illustrating the portions of the surgical instrument that form no part of the claimed design.

CPC A61M 25/0136; A61B 17/00; A61B 17/62;
A61B 17/64; A61B 17/645; A47J 43/26;
B25B 13/463; B25B 13/468; B25B 15/04;
B25B 1/00; B25G 1/005; B25G 1/085

See application file for complete search history.

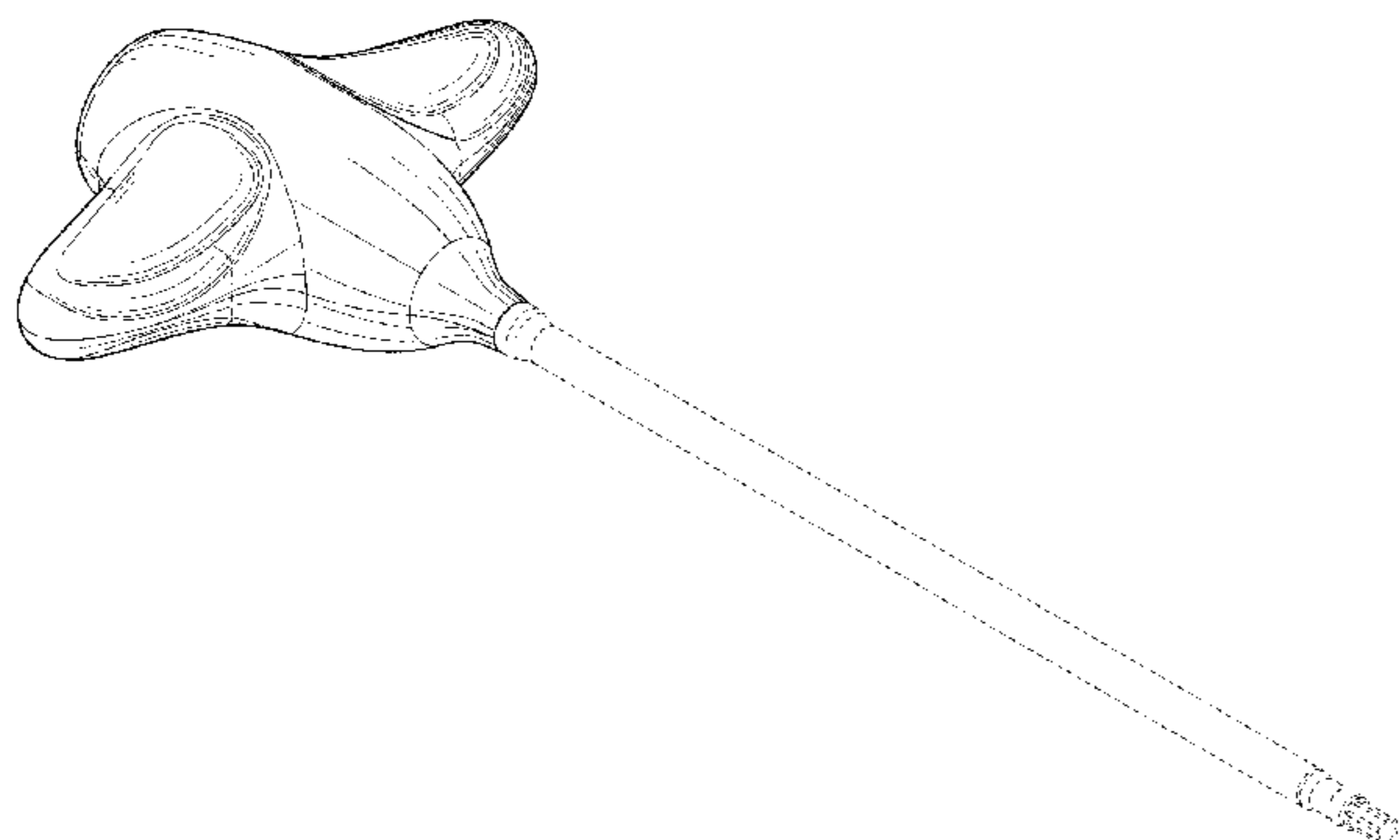
(56) **References Cited**

U.S. PATENT DOCUMENTS

2,905,178 A 9/1959 Hilzinger
3,681,840 A 8/1972 Pool
3,703,843 A 11/1972 Lavery
RE28,111 E 8/1974 Lavery

(Continued)

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

- 3,861,269 A 1/1975 Laverty
D245,062 S * 7/1977 Grame D8/83
4,268,253 A 5/1981 Gross et al.
4,488,460 A * 12/1984 Ballone B25B 13/463
74/551.9
D319,561 S * 9/1991 Moses D8/14
D328,495 S * 8/1992 Ungari D24/187
5,246,442 A 9/1993 Ashman et al.
5,259,398 A 11/1993 Vrespa
5,269,686 A 12/1993 James
5,368,594 A 11/1994 Martin et al.
D356,239 S * 3/1995 Lin D8/82
D357,313 S * 4/1995 Wortrich D24/112
5,405,328 A 4/1995 Vidal et al.
D372,656 S * 8/1996 Nagano D8/303
5,593,410 A 1/1997 Vrespa
5,601,553 A 2/1997 Trebing et al.
5,672,176 A 9/1997 Biedermann et al.
D386,062 S * 11/1997 Quick D8/107
5,697,929 A 12/1997 Mellinger
D391,443 S * 3/1998 Candianides D7/393
5,728,098 A 3/1998 Sherman et al.
5,797,911 A 8/1998 Sherman et al.
D401,334 S * 11/1998 Herman D24/133
D403,766 S * 1/1999 Miller-Roach D24/115
5,879,350 A 3/1999 Sherman et al.
5,885,286 A 3/1999 Sherman et al.
5,989,250 A 11/1999 Wagner et al.
6,010,503 A 1/2000 Richelsoph et al.
D420,885 S * 2/2000 Lin D8/107
6,045,312 A 4/2000 Hsing
6,053,917 A 4/2000 Sherman et al.
6,179,841 B1 1/2001 Jackson
6,187,005 B1 2/2001 Brace et al.
6,193,719 B1 2/2001 Gournay et al.
6,216,570 B1 4/2001 Freed
6,254,602 B1 7/2001 Justis
6,257,105 B1 7/2001 Lin
6,261,296 B1 7/2001 Aebi et al.
6,273,888 B1 8/2001 Justis
6,296,642 B1 10/2001 Morrison et al.
6,478,795 B1 11/2002 Gournay et al.
6,562,040 B1 5/2003 Wagner
6,660,006 B2 12/2003 Markworth et al.
D486,723 S * 2/2004 Chang D8/21
6,712,825 B2 3/2004 Aebi et al.
6,743,233 B1 6/2004 Baldwin et al.
6,834,571 B1 12/2004 Lowe et al.
D515,802 S * 2/2006 Grierson D3/7
D517,634 S * 3/2006 Nunez D21/789
D530,588 S * 10/2006 Wang D8/107
D540,634 S * 4/2007 Mujwid D8/24
D544,602 S * 6/2007 Hughett, Sr. 24/114
D546,149 S * 7/2007 Chen D8/27
D565,380 S * 4/2008 Rinner D8/107
7,373,860 B1 * 5/2008 Rinner B25G 1/105
16/430
D573,256 S * 7/2008 Mauch D24/130
7,445,627 B2 11/2008 Hawkes et al.
7,476,226 B2 1/2009 Weikel et al.
7,476,239 B2 1/2009 Jackson
D586,634 S * 2/2009 Lai D8/21
D591,860 S * 5/2009 Aparici D24/133
D596,471 S * 7/2009 Huang D8/21
7,572,281 B2 8/2009 Runco et al.
D600,093 S * 9/2009 Lin D8/107
7,677,891 B2 3/2010 Niznick
D613,139 S * 4/2010 Lai D8/21
D614,005 S * 4/2010 Miller D8/24
D614,006 S * 4/2010 Miller D8/24
D614,819 S * 4/2010 Lin D30/159
D617,163 S * 6/2010 Miller D8/24
D620,339 S * 7/2010 Pennington D8/107
D621,562 S * 8/2010 Marshall D30/153
7,794,477 B2 9/2010 Melkent et al.
7,828,829 B2 11/2010 Ensign
D632,157 S * 2/2011 Le D8/306
D633,959 S * 3/2011 Mastin D21/568
D634,844 S * 3/2011 Bast D24/145
D639,941 S * 6/2011 Porat D24/133
D646,384 S * 10/2011 Gauthier D24/133
D646,386 S * 10/2011 Miller D24/133
D646,387 S * 10/2011 Bast D24/133
D646,783 S * 10/2011 Bast D24/133
D646,948 S * 10/2011 Robinson D8/83
8,029,285 B2 10/2011 Holmen et al.
D648,433 S * 11/2011 Bast D24/133
D649,423 S * 11/2011 Robinson D8/83
D649,635 S * 11/2011 Cronin D24/133
8,088,163 B1 1/2012 Kleiner
D654,589 S * 2/2012 Bast B25G 1/105
D24/133
8,114,104 B2 * 2/2012 Young G10K 11/24
606/169
D663,025 S * 7/2012 Bast D24/133
8,226,656 B2 7/2012 McBride
8,235,997 B2 8/2012 Hoffman et al.
8,241,294 B2 8/2012 Sommerich et al.
D667,111 S * 9/2012 Robinson D24/133
D667,710 S * 9/2012 Fossum D8/21
D668,761 S * 10/2012 Schad D24/133
D668,921 S * 10/2012 Fossum D8/21
D673,831 S * 1/2013 Molina D8/83
D673,832 S * 1/2013 Molina D8/83
8,347,824 B2 * 1/2013 Marshall A01K 27/004
119/794
D679,165 S * 4/2013 Plehn-Citrone D8/83
D680,647 S * 4/2013 Carter D24/146
D681,822 S * 5/2013 Shinohara B25B 13/463
D24/186
8,608,651 B2 12/2013 Shluzas
8,668,699 B2 3/2014 Thomas et al.
8,685,029 B2 4/2014 Dziejdzic et al.
D711,708 S * 8/2014 Larson C09J 5/00
D8/21
8,828,060 B2 9/2014 Biedermann et al.
D715,931 S * 10/2014 Watanabe D24/130
8,900,240 B2 12/2014 White et al.
8,920,424 B2 12/2014 Boykin
8,968,367 B2 3/2015 Kretzer et al.
8,986,307 B2 3/2015 Kirschman
9,050,062 B1 6/2015 Gauthier et al.
9,078,679 B2 7/2015 Schuele et al.
9,084,642 B2 7/2015 Peultier
D735,855 S * 8/2015 Kimball D24/144
9,132,536 B2 * 9/2015 Nino C09J 5/00
9,168,058 B2 10/2015 Duperier et al.
9,198,695 B2 12/2015 Shluzas et al.
9,295,500 B2 3/2016 Marigowda
D756,662 S * 5/2016 Lambertson, Jr. D4/138
9,339,319 B2 5/2016 Schmuck et al.
9,345,587 B2 5/2016 Mitchell
9,393,039 B2 7/2016 Lechner et al.
D767,353 S * 9/2016 Miller D8/24
9,446,507 B2 9/2016 Nino et al.
9,463,063 B2 10/2016 Seddon et al.
9,532,814 B2 1/2017 Harper
9,572,617 B1 2/2017 Prado et al.
9,630,301 B2 * 4/2017 Ryans B25B 13/463
RE46,409 E 5/2017 Foley et al.
D787,755 S * 5/2017 Porter D30/159
9,649,140 B1 5/2017 Doose et al.
9,693,814 B2 7/2017 Schaller et al.
D796,280 S * 9/2017 Godoy D8/21
D799,302 S * 10/2017 Bast D8/107
D806,492 S * 1/2018 Willhite D8/40
D820,671 S * 6/2018 Yu G10K 11/24
D8/387
D820,985 S * 6/2018 McLean A61C 5/62
D24/152
D825,298 S * 8/2018 Stalter D8/21
D825,300 S * 8/2018 Stalter D8/21
D826,014 S * 8/2018 Stalter D8/21
D837,368 S * 1/2019 Burkholz D24/129

(56)

References Cited

U.S. PATENT DOCUMENTS

D839,066 S * 1/2019 Bast A01K 27/004
 D845,740 S * 4/2019 Bast D8/14
 D859,969 S * 9/2019 Yu D8/387
 D877,581 S * 3/2020 Skillings D8/25
 D877,902 S * 3/2020 Troli D24/130
 D879,952 S * 3/2020 Schneider D24/112
 D880,972 S * 4/2020 Bast D8/107
 D880,973 S * 4/2020 Bast D8/107
 D880,974 S * 4/2020 Bast D8/107
 D881,494 S * 4/2020 Harrington D32/52
 D883,480 S * 5/2020 Leibowitz D24/133
 D883,777 S * 5/2020 Yu D8/387
 D887,232 S * 6/2020 Holloway D8/21
 D887,561 S * 6/2020 Cheng D24/187
 D889,225 S * 7/2020 Brown D8/44
 D904,606 S * 12/2020 Gloess D24/133
 D910,168 S 2/2021 Sussman
 D910,408 S 2/2021 Lin
 D911,140 S 2/2021 Hyma et al.
 D911,141 S 2/2021 Panosian et al.
 2002/0091386 A1 7/2002 Martin et al.
 2002/0138076 A1 9/2002 Biedermann et al.
 2003/0060714 A1 3/2003 Henderson et al.
 2003/0125741 A1 7/2003 Biedermann et al.
 2004/0082956 A1 4/2004 Baldwin et al.
 2004/0181224 A1 9/2004 Biedermann et al.
 2006/0149241 A1 7/2006 Richelsoph et al.
 2006/0241599 A1 10/2006 Konieczynski et al.
 2007/0213737 A1 9/2007 Schermerhorn et al.
 2008/0015584 A1 1/2008 Richelsoph
 2008/0027544 A1 1/2008 Melkent
 2008/0065219 A1 3/2008 Dye
 2009/0018591 A1 1/2009 Hawkes et al.
 2009/0054991 A1 2/2009 Biyani et al.
 2009/0234395 A1 9/2009 Hoffman et al.
 2009/0259234 A1 10/2009 Waller
 2010/0137879 A1 6/2010 Ko et al.
 2010/0241175 A1 9/2010 Walker et al.

2010/0288087 A1* 11/2010 Lai B25G 1/085
 81/490
 2011/0046637 A1 2/2011 Patel et al.
 2011/0077694 A1 3/2011 Biedermann et al.
 2011/0208238 A1 8/2011 Hoffman
 2011/0213424 A1 9/2011 Biedermann et al.
 2011/0313471 A1 12/2011 McLean et al.
 2012/0143224 A1 6/2012 Chan
 2012/0143265 A1 6/2012 Biedermann et al.
 2013/0096568 A1 4/2013 Justis
 2013/0096618 A1 4/2013 Chandanson et al.
 2013/0103102 A1 4/2013 Taylor et al.
 2013/0123923 A1 5/2013 Pavlov et al.
 2013/0253517 A1 9/2013 Mitchell et al.
 2013/0253518 A1 9/2013 Mitchell et al.
 2013/0253519 A1 9/2013 Mitchell et al.
 2013/0253594 A1 9/2013 Zucherman et al.
 2013/0253595 A1 9/2013 Zucherman et al.
 2013/0261626 A1 10/2013 Chavarria et al.
 2014/0025119 A1 1/2014 Biedermann et al.
 2014/0031880 A1 1/2014 Biedermann et al.
 2014/0058465 A1 2/2014 Nichols et al.
 2014/0277212 A1 9/2014 Dauster
 2015/0148835 A1 5/2015 Faller et al.
 2015/0265271 A1 9/2015 Galligan et al.
 2016/0030188 A1 2/2016 Lynn et al.
 2016/0175060 A1 6/2016 Park
 2016/0296344 A1 10/2016 Greenhalgh et al.

FOREIGN PATENT DOCUMENTS

WO WO2007038654 4/2007
 WO WO2009015100 1/2009
 WO WO2009040840 4/2009
 WO WO2016073912 5/2016

OTHER PUBLICATIONS

International Search Report dated Oct. 15, 2019 for corresponding International Application No. PCT/2019/044456.

* cited by examiner

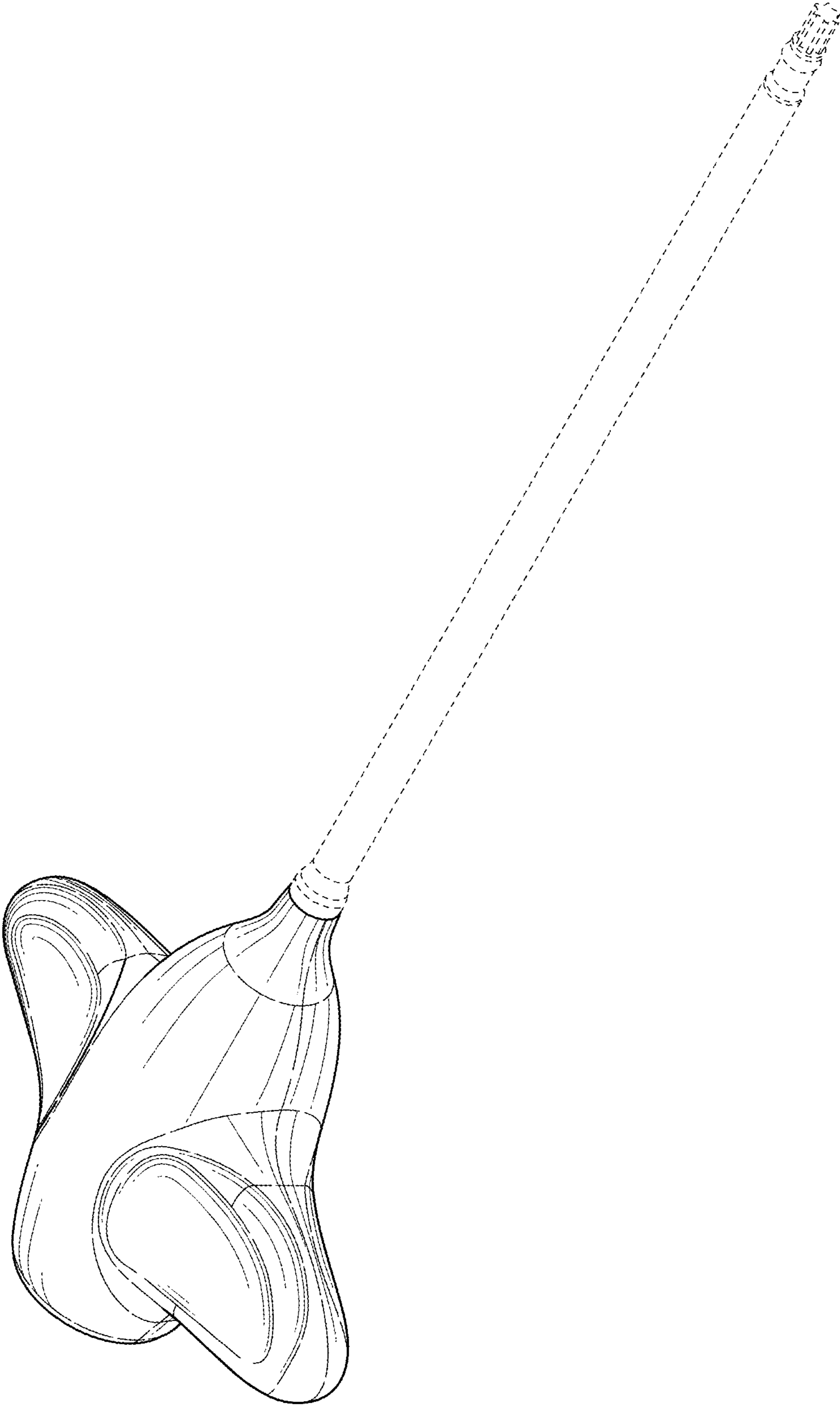


FIG. 1

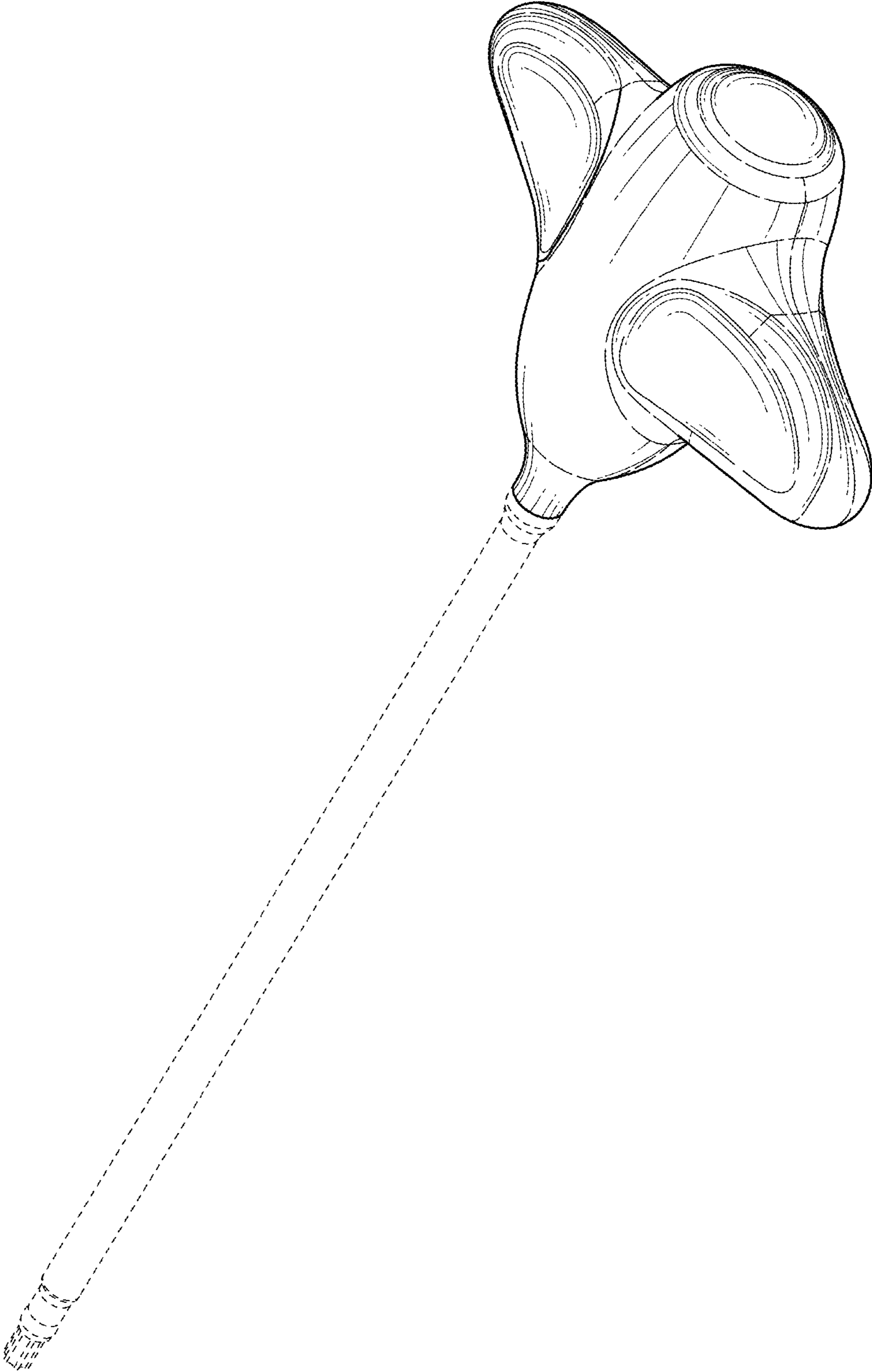


FIG. 2

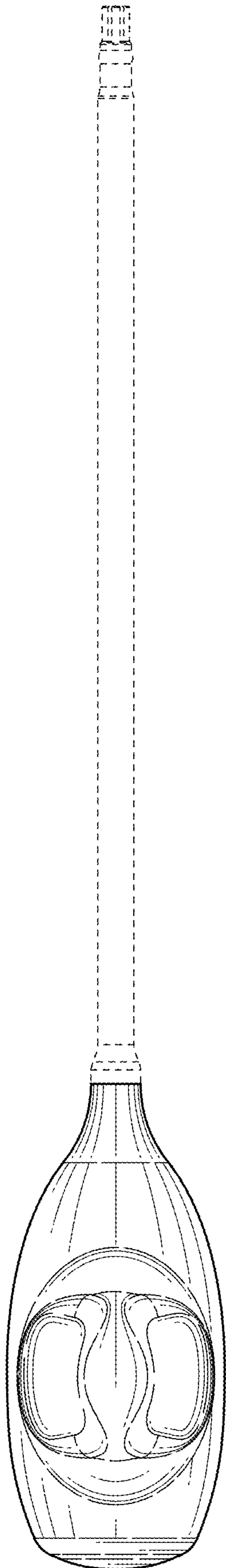


FIG. 3

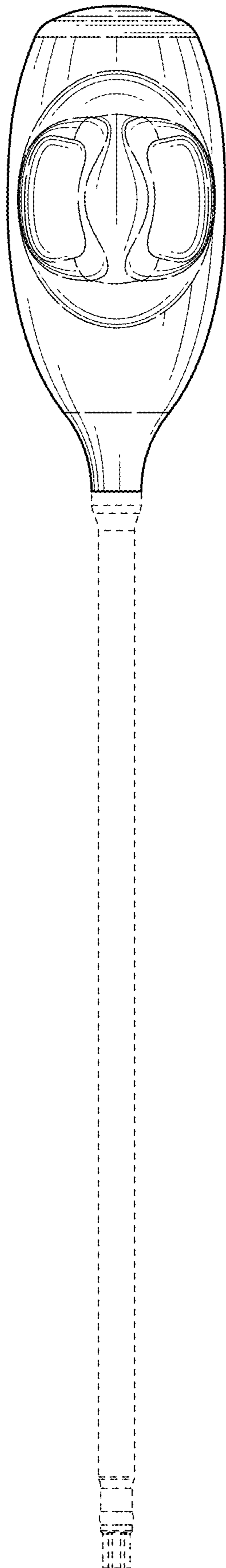


FIG. 4

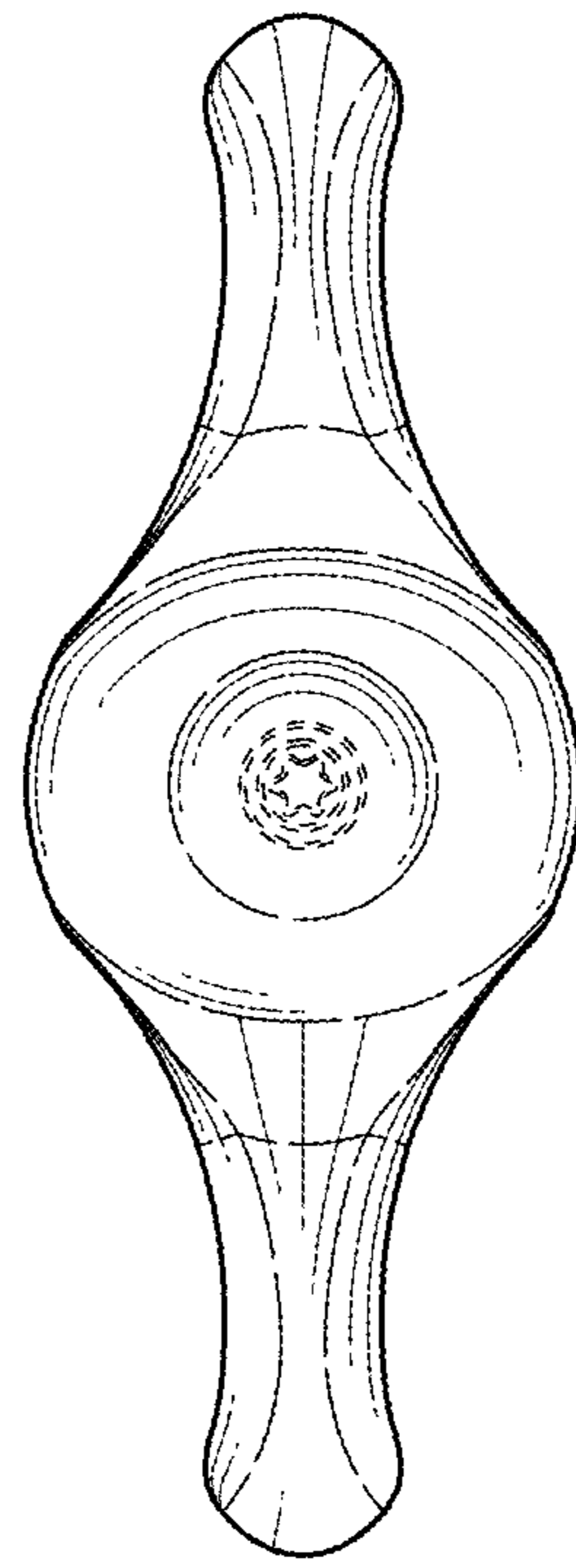


FIG. 6

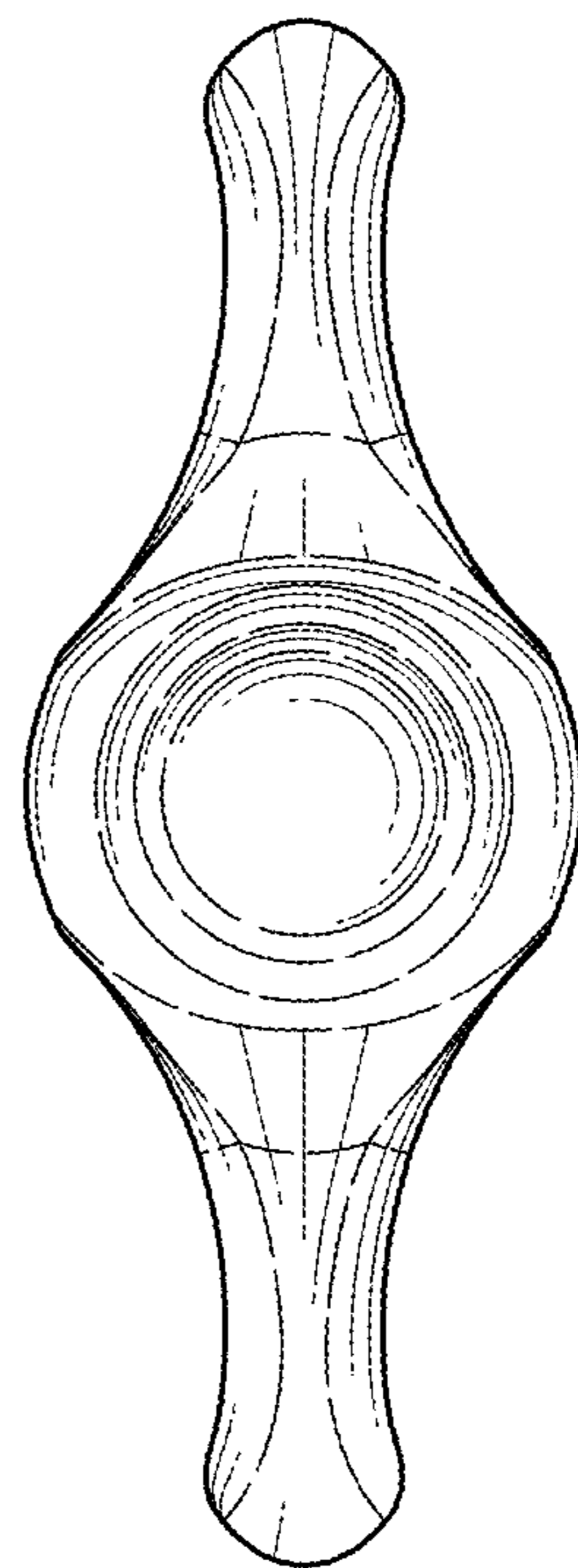


FIG. 5

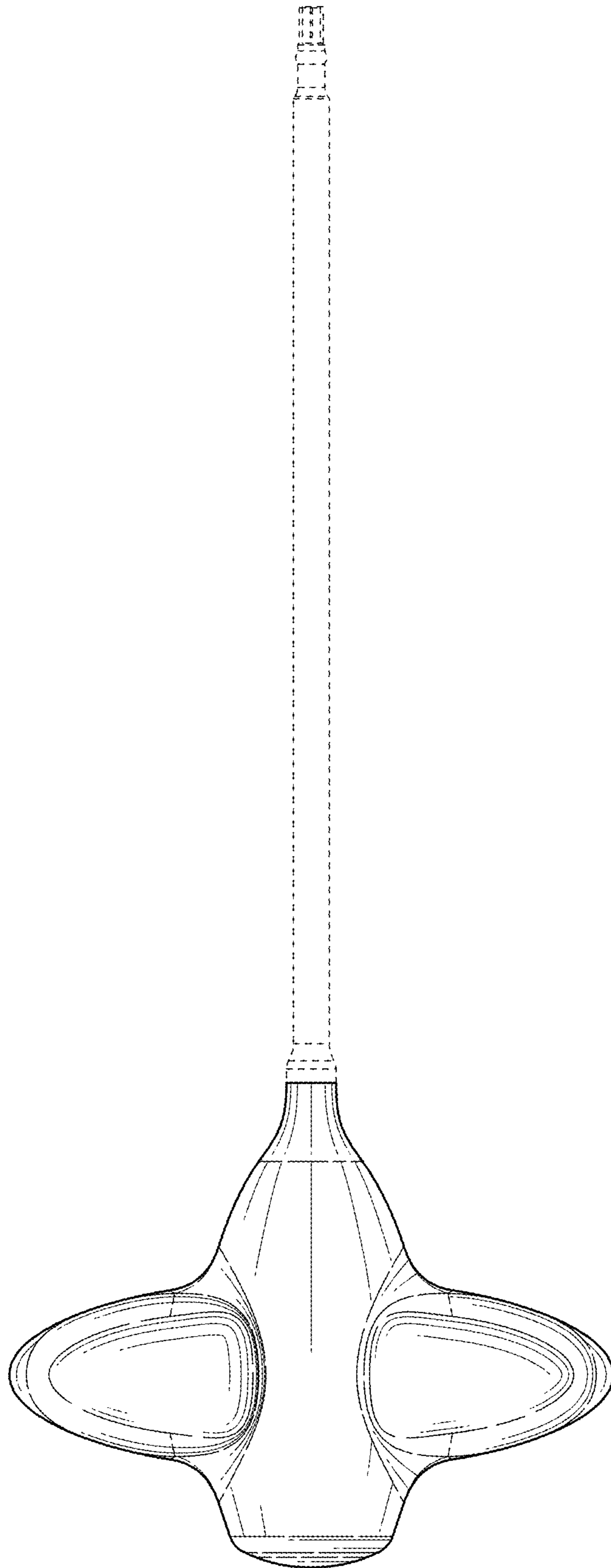


FIG. 7

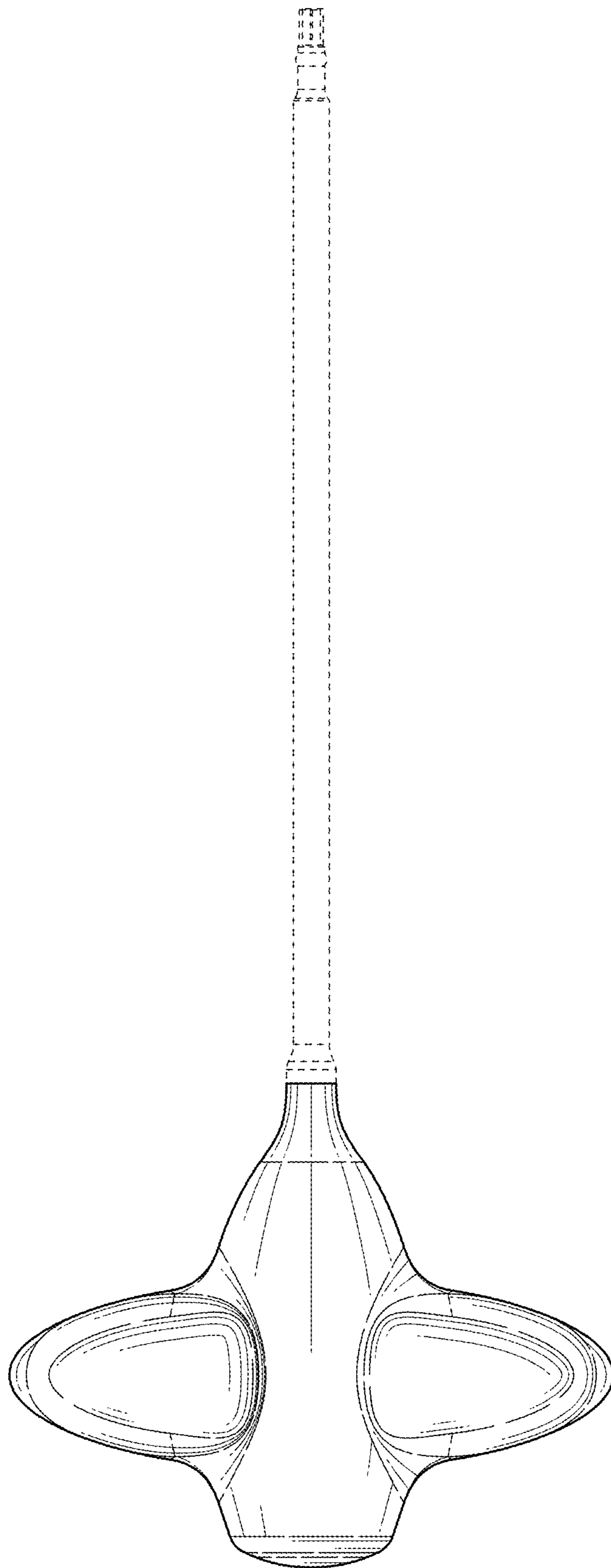


FIG. 8