



US00D923270S

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

(10) **Patent No.:** **US D923,270 S**
(45) **Date of Patent:** **** Jun. 22, 2021**

- (54) **SCRUBBER**
- (71) Applicant: **E. MISHAN & SONS, INC.**, New York, NY (US)
- (72) Inventors: **Mohan Rajasekaran**, Briston, CT (US); **Isaac Mishan**, New York, NY (US)
- (73) Assignee: **E. Mishan & Sons, Inc.**, New York, NY (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/703,456**
- (22) Filed: **Aug. 27, 2019**
- (51) **LOC (13) Cl.** **07-05**
- (52) **U.S. Cl.**
USPC **D32/35; D32/19; D4/127**
- (58) **Field of Classification Search**
USPC D4/102, 114, 115, 118, 121, 127, 138; D23/213, 223, 226; D32/19, 25, 35, 40, D32/50, 51
CPC .. A47K 7/028; A47K 7/04; B08B 9/00; A47L 13/12; A47L 11/4005; A47L 13/20; A47L 11/145; A47L 11/162; A46B 9/023; A46B 7/04; A46B 13/008; A46B 13/04; A46B 5/005; A46B 13/001; A46B 5/0075; A46B 9/028; B60S 3/047; E03D 9/00; B27B 9/00; A61C 17/32; B25F 3/00
See application file for complete search history.

- 4,202,068 A * 5/1980 Lester A46B 5/005 15/144.4
 - 4,204,292 A * 5/1980 Lester A46B 5/005 15/144.4
 - D270,560 S * 9/1983 Clivio D23/226
 - D294,965 S 3/1988 Garrard et al.
 - 4,780,992 A * 11/1988 McKervey A47L 11/145 15/1.7
 - D305,480 S 1/1990 Yuen
 - D317,968 S 7/1991 Tsai
 - D327,943 S 7/1992 Tsai
 - D331,650 S * 12/1992 Newman, Sr. D32/35
 - 5,224,231 A 7/1993 Nacar
 - 5,289,605 A 3/1994 Armbruster
 - D357,097 S 4/1995 Lee
 - D359,547 S 6/1995 Wang
- (Continued)

- (56) **References Cited**
U.S. PATENT DOCUMENTS
D84,131 S * 5/1931 D' Ayrenx D4/104
1,847,496 A 3/1932 Priest
2,801,431 A 8/1951 Eastis
3,688,139 A * 8/1972 Yaguchi B27B 9/00 310/50
4,158,246 A 1/1979 Meadows

OTHER PUBLICATIONS

Scrubber <https://www.pinterest.com/pin/329185054013887408/> (Year: 2021).*

(Continued)

Primary Examiner — Michelle E. Wilson
Assistant Examiner — Richard E Yenchesky
(74) *Attorney, Agent, or Firm* — Notaro, Michalos & Zaccaria P.C.

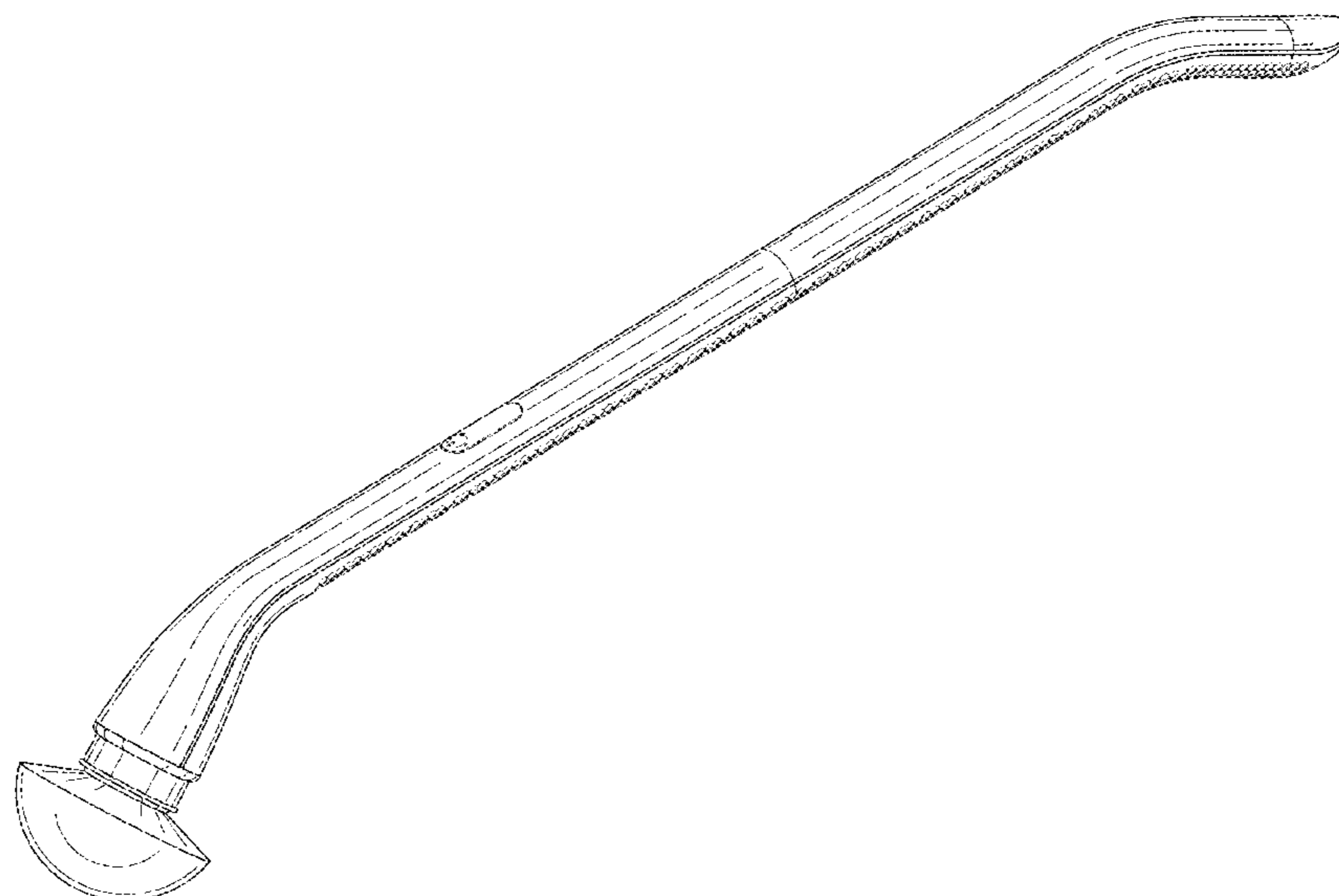
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front, top, left perspective view of a scrubber showing our design therefor;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a left side elevational view;
FIG. 5 is a top plan view thereof; and,
FIG. 6 is a bottom plan view thereof.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,423,102 A 6/1995 Madison
 D368,343 S 3/1996 Gebhard
 5,511,269 A 4/1996 Watson
 5,609,255 A * 3/1997 Nichols A47L 13/20
 15/144.3
 5,655,257 A * 8/1997 Chavez A46B 9/023
 15/210.1
 5,870,790 A 2/1999 Root
 5,950,268 A 9/1999 Murphy
 5,964,003 A 10/1999 Rogers
 D417,961 S 12/1999 Powis, Jr.
 6,224,287 B1 5/2001 Gieux
 D451,288 S * 12/2001 Bean D4/121
 6,374,447 B1 * 4/2002 Armbruster A46B 13/008
 15/144.1
 6,434,774 B1 * 8/2002 Castellon A46B 13/04
 15/29
 D466,183 S * 11/2002 Tse D23/213
 D482,533 S * 11/2003 Medina D4/115
 6,688,800 B2 2/2004 Kresge
 D496,512 S * 9/2004 Treacy D32/51
 D498,288 S * 11/2004 Chen D23/223
 D498,567 S * 11/2004 Alsrue D32/19
 D498,889 S * 11/2004 Alsrue D32/25
 D501,971 S * 2/2005 Treacy D32/51
 D507,408 S * 7/2005 Figura D32/35
 D512,121 S 11/2005 Chen
 D513,101 S * 12/2005 Allard D32/32
 6,984,901 B2 * 1/2006 Wong A46B 13/008
 15/320
 7,151,266 B1 12/2006 Haughton
 7,203,986 B2 4/2007 Pears
 D543,362 S * 5/2007 Hall D4/102
 7,331,077 B1 2/2008 Henry
 7,363,673 B2 4/2008 Schonewille
 D568,609 S 5/2008 Evans
 7,414,337 B2 8/2008 Wilkinson
 D589,257 S 3/2009 Van Wambeke
 D597,315 S * 8/2009 Hoffelner D4/118
 D600,022 S * 9/2009 Busschaert D4/102
 7,614,107 B2 * 11/2009 Cobabe A46B 5/0075
 15/22.1
 7,707,674 B2 5/2010 Schonewille
 7,818,864 B2 10/2010 Wilkinson
 D632,491 S * 2/2011 Lowe D4/138
 7,913,345 B2 3/2011 Dayton
 D636,846 S 4/2011 Shoemaker
 7,926,141 B2 4/2011 Dayton
 7,937,792 B2 * 5/2011 Munn A47L 11/4005
 15/28
 D641,830 S 7/2011 Alexander et al.
 D645,255 S * 9/2011 Schouten D4/114
 D646,352 S 10/2011 Kraye et al.
 8,186,000 B2 * 5/2012 Hettes A46B 9/028
 15/179
 8,533,886 B2 9/2013 Cobabe
 8,574,037 B2 11/2013 Kresge
 D703,825 S 4/2014 Barrett
 8,752,227 B2 6/2014 Manning

8,801,861 B2 * 8/2014 Cobabe A46B 13/008
 134/6
 D712,224 S 9/2014 Zhang
 D712,225 S 9/2014 Larson
 D714,609 S 10/2014 Beukema
 D718,108 S 11/2014 Beukema
 D720,196 S 12/2014 Hsiao
 8,984,695 B2 3/2015 Manning
 9,049,976 B2 6/2015 Blocker
 D744,757 S * 12/2015 Schouten D4/115
 D749,325 S 2/2016 Middendorp
 D755,032 S 5/2016 Martinez et al.
 D765,222 S * 8/2016 Norris, Jr. D23/213
 D781,517 S * 3/2017 Spence D32/35
 D789,008 S * 6/2017 Swartz D32/35
 D796,137 S * 8/2017 Spence D32/35
 D796,138 S * 8/2017 Spence D32/35
 D800,251 S * 10/2017 Feuerstein D23/223
 D825,190 S * 8/2018 Hu D4/102
 D832,669 S 11/2018 Dretzka et al.
 D832,670 S 11/2018 Uchiyama
 D834,908 S 12/2018 Konnecke et al.
 D835,487 S 12/2018 Wason et al.
 D836,918 S * 1/2019 Exley D4/127
 D849,494 S 5/2019 Feuerstein
 D853,670 S * 7/2019 Hu D32/40
 D866,189 S * 11/2019 Baxter D4/102
 D866,897 S * 11/2019 Baxter D32/50
 10,674,877 B1 * 6/2020 Smith A47K 7/028
 D908,365 S * 1/2021 Liang D4/115
 2001/0047564 A1 * 12/2001 Maxwell A47K 7/028
 16/110.1
 2002/0104177 A1 * 8/2002 Wong A46B 13/008
 15/28
 2003/0097724 A1 * 5/2003 Park A47K 7/04
 15/23
 2004/0074025 A1 * 4/2004 Blaustein B25F 3/00
 15/23
 2004/0083567 A1 * 5/2004 Lies A47L 11/162
 15/28
 2005/0066458 A1 * 3/2005 Belcastro A46B 13/001
 15/28
 2005/0144744 A1 * 7/2005 Thiess A61C 17/32
 15/22.1
 2006/0130255 A1 * 6/2006 Horian A47L 13/12
 15/116.2
 2006/0130256 A1 * 6/2006 Lowry B08B 9/00
 15/118
 2006/0168749 A1 * 8/2006 Chang A47K 7/028
 15/209.1
 2006/0248666 A1 * 11/2006 Lies A46B 7/04
 15/23
 2007/0240269 A1 * 10/2007 Wilson E03D 9/00
 15/106
 2012/0103373 A1 * 5/2012 Grobler B60S 3/047
 134/123
 2016/0138631 A1 5/2016 Kresge

OTHER PUBLICATIONS

Spin scrubber <https://www.geekbuying.com/item/Phaewo-Electric-Spin-Scrubber-with-LED-Display-White-416091.html> (Year: 2021).*

* cited by examiner

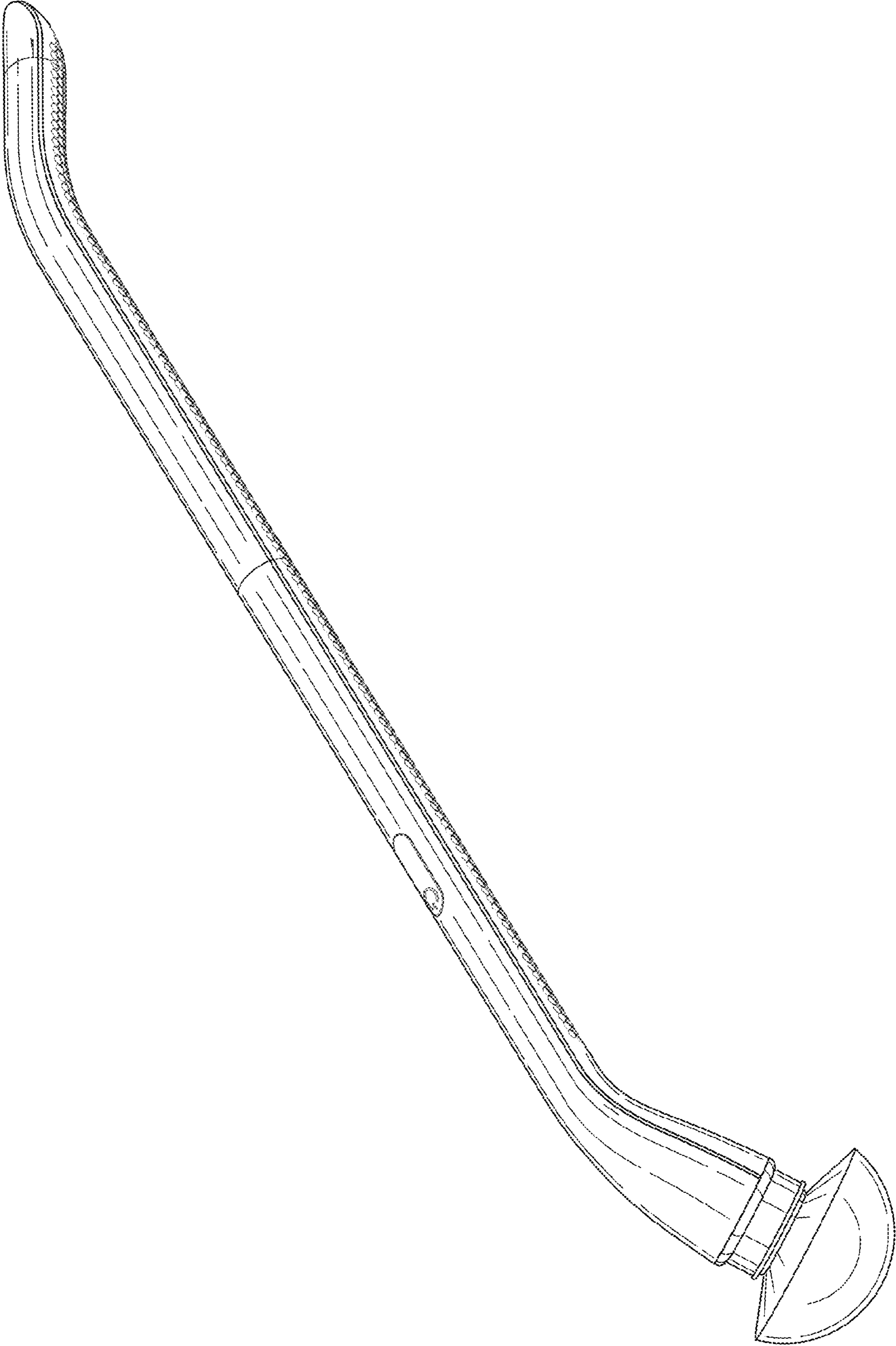


FIG. 1

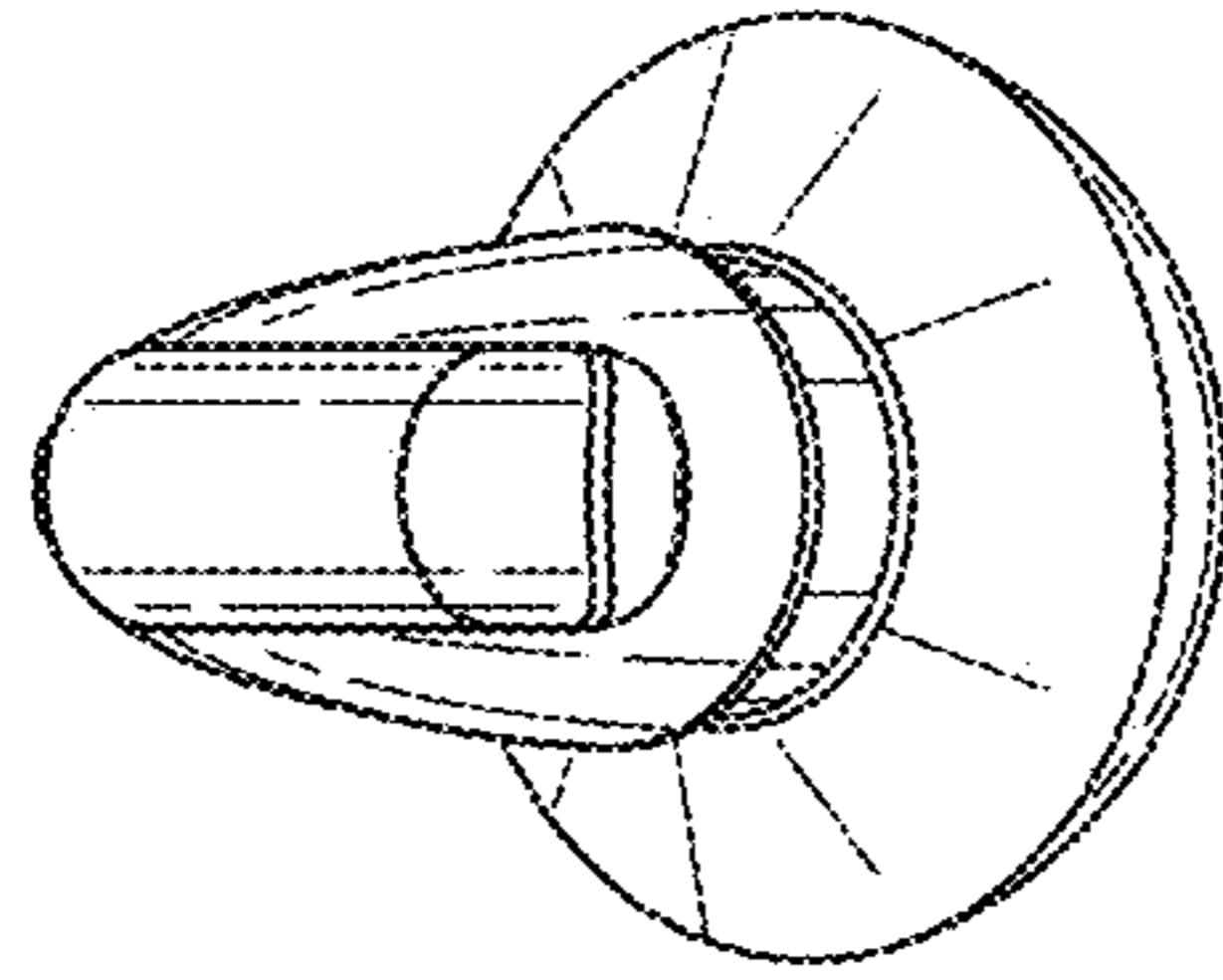


FIG. 3

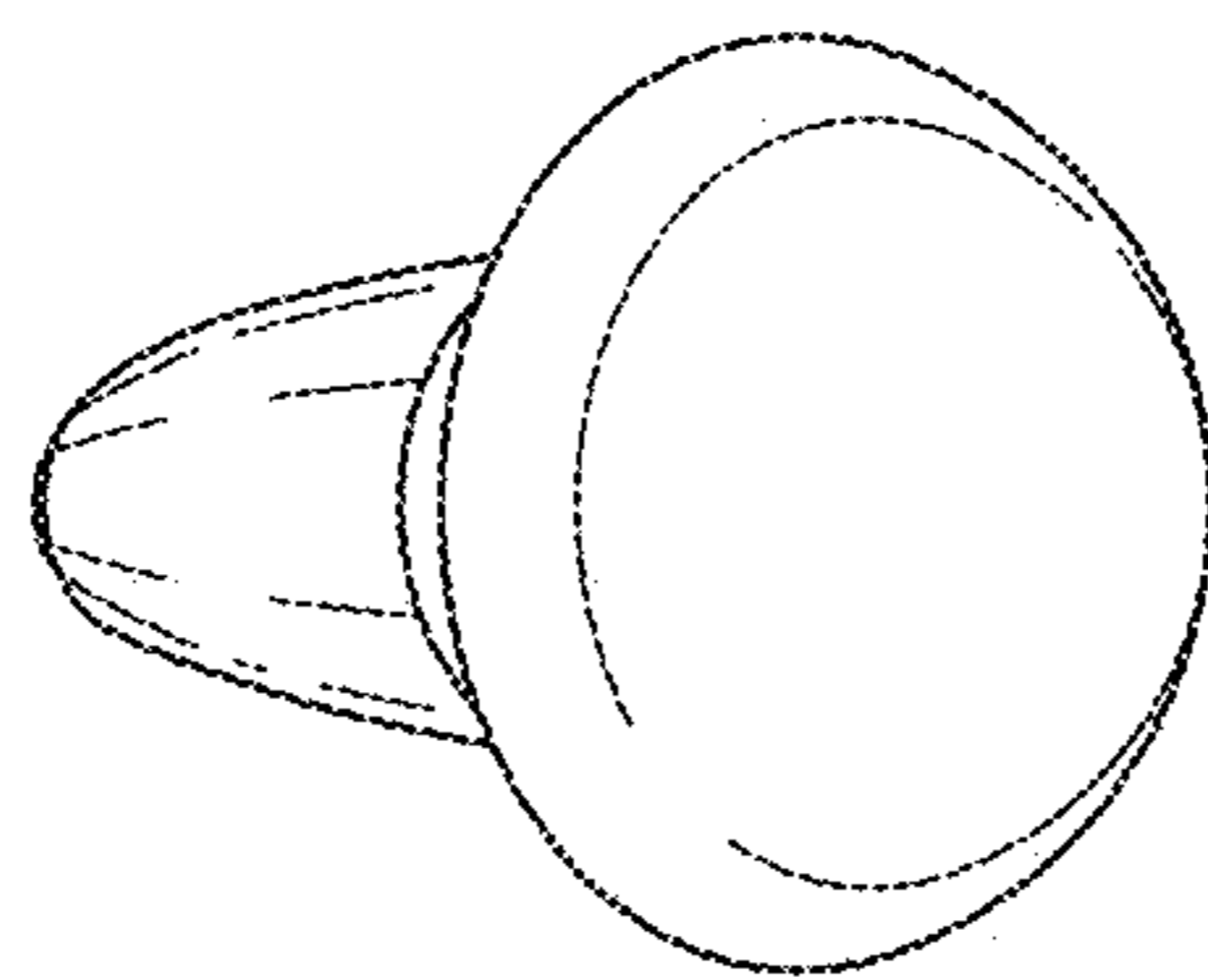


FIG. 2

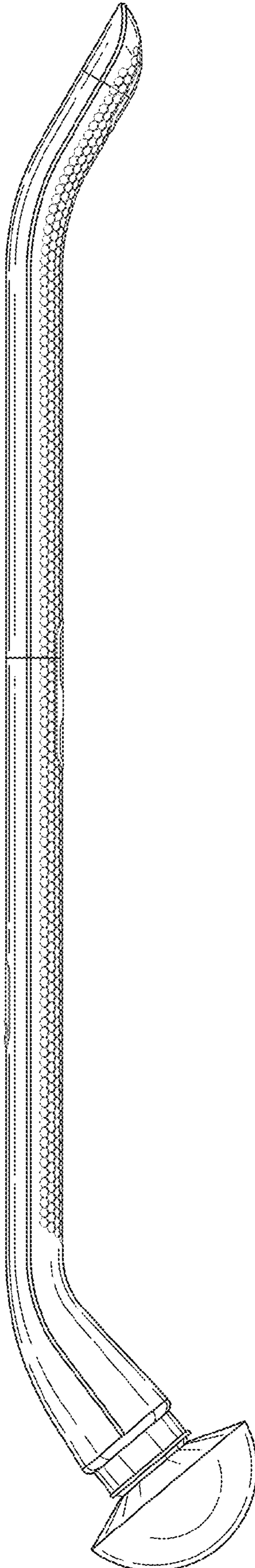


FIG. 4

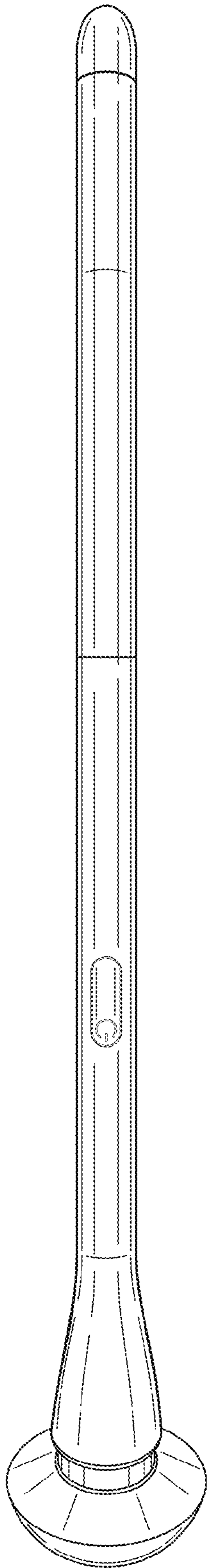


FIG. 5

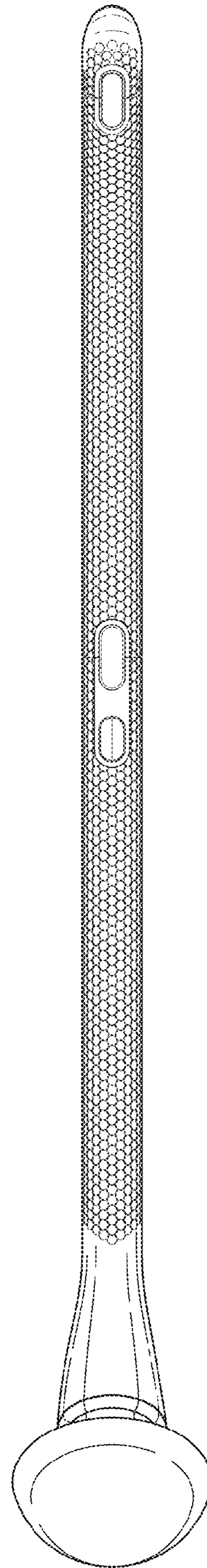


FIG. 6