



US00D838368S

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

(10) **Patent No.:** **US D838,368 S**  
(45) **Date of Patent:** **\*\* Jan. 15, 2019**

(54) **ORAL DEVICE**  
(71) Applicant: **TRUDELL MEDICAL INTERNATIONAL, London (CA)**  
(72) Inventor: **Andreas I. Rifani, London (CA)**  
(73) Assignee: **Trudell Medical International, London (CA)**  
(\*\*) Term: **15 Years**

4,170,230 A 10/1979 Nelson  
4,367,759 A 1/1983 Kline  
4,401,130 A 8/1983 Halford et al.  
4,495,944 A 1/1985 Brisson et al.  
4,519,400 A 5/1985 Brenman et al.  
4,608,974 A 9/1986 Sicurelli, Jr.  
4,718,662 A 1/1988 North  
4,966,580 A 10/1990 Turner et al.  
4,986,283 A 1/1991 Tepper  
4,997,182 A 3/1991 Kussick  
5,066,502 A 11/1991 Eales  
5,085,634 A 2/1992 Lackney

(Continued)

(21) Appl. No.: **29/547,965**  
(22) Filed: **Dec. 9, 2015**  
(51) **LOC (11) Cl.** ..... **24-02**  
(52) **U.S. Cl.**  
USPC ..... **D24/133**  
(58) **Field of Classification Search**  
USPC ..... D24/114, 133, 136, 171, 194; D9/757;  
D15/80, 90; D1/102-105; 426/241;  
99/426; D7/672, 673-676, 357, 686-688  
CPC . A61J 17/02; A61H 23/00; A47J 43/20; A47J  
43/282; A47J 43/283; A47J 43/288; A22C  
7/0023; A22C 7/0046; A21B 3/132; A21B  
3/133; A21B 3/138; A21B 3/139; A63B  
45/00; A23G 9/26; A23G 9/503; A23G  
9/221; A23G 9/083  
See application file for complete search history.

**FOREIGN PATENT DOCUMENTS**

CN 201393517 Y 2/2010  
EP 0 818 213 A2 1/1998

(Continued)

*Primary Examiner* — Ian Simmons  
*Assistant Examiner* — Yolanda Robinson  
(74) *Attorney, Agent, or Firm* — Brinks Gilson & Lione

(57) **CLAIM**

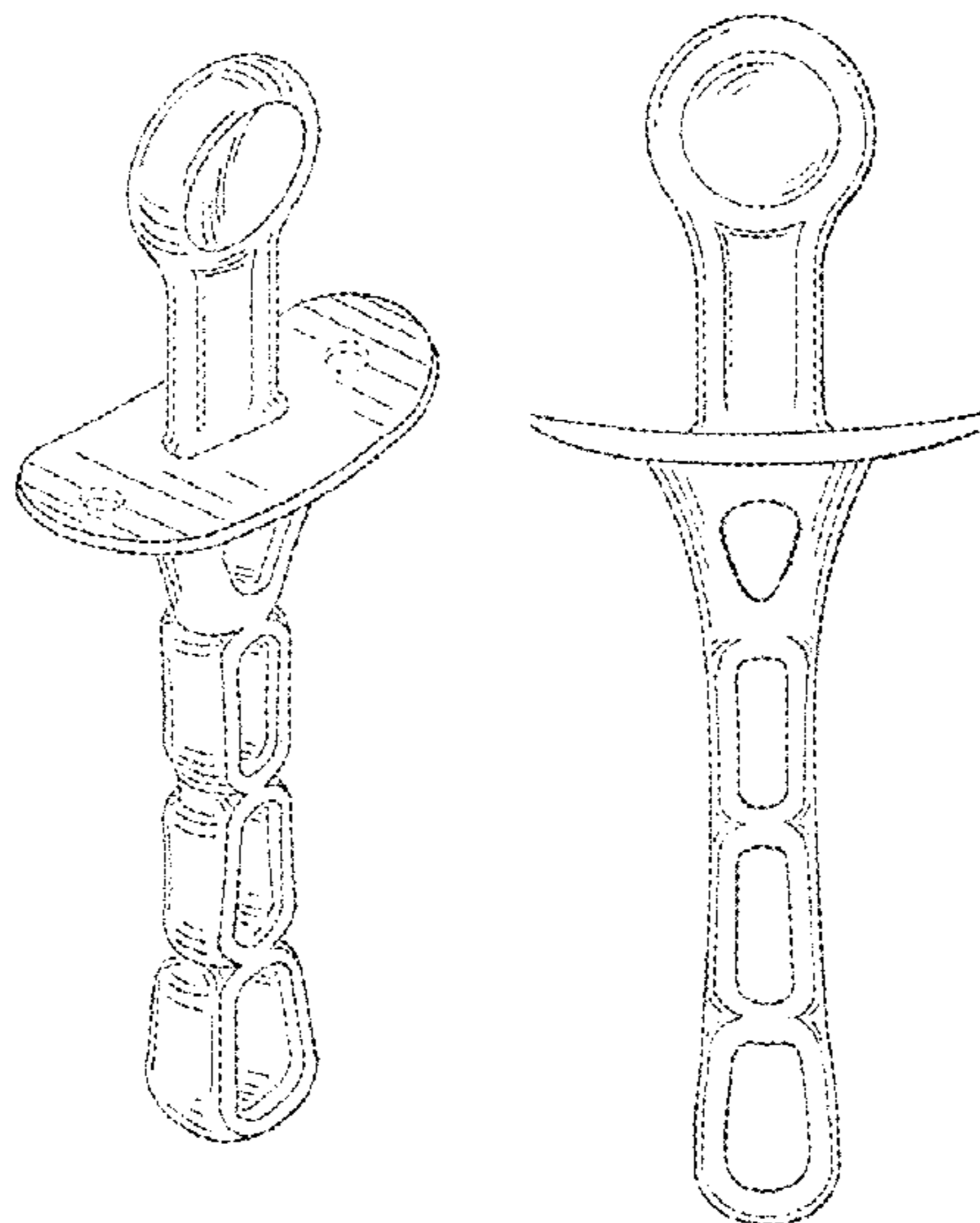
The ornamental design for an oral device, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a first embodiment of an oral device;  
FIG. 2 is a front view of the oral device shown in FIG. 1, with a rear view being a mirror image thereof;  
FIG. 3 is a right side view of the oral device shown in FIG. 1, with a left side view being a mirror image thereof;  
FIG. 4 is a top view of the oral device shown in FIG. 1; and,  
FIG. 5 is a bottom view of the oral device shown in FIG. 1.  
The dashed broken lines showing holes in FIGS. 1 and 3-5 are for environmental purposes only and do not form any part of the claimed design.

(56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
743,866 A 11/1903 Harris  
3,118,667 A 1/1964 Barons  
3,286,576 A 11/1966 West  
3,646,628 A 3/1972 Halford  
3,744,485 A 7/1973 Worthy  
3,808,686 A 5/1974 Tauman et al.  
3,867,770 A 2/1975 Davis  
3,924,850 A 12/1975 Robertson

**1 Claim, 1 Drawing Sheet**



(56)

References Cited

U.S. PATENT DOCUMENTS

5,133,971 A 7/1992 Copelan et al.  
 5,143,087 A 9/1992 Yarkony  
 5,176,151 A 1/1993 Harding  
 5,176,705 A 1/1993 Noble  
 5,191,014 A 3/1993 Roberts et al.  
 5,213,553 A 5/1993 Light  
 5,260,000 A 11/1993 Nandu et al.  
 5,263,976 A 11/1993 Williams  
 5,268,005 A 12/1993 Suhonen  
 5,284,490 A 2/1994 Green  
 5,288,498 A 2/1994 Stanley et al.  
 5,318,523 A 6/1994 Lu  
 5,322,031 A 6/1994 Lerner et al.  
 5,379,648 A 1/1995 Tiffin  
 5,431,680 A 7/1995 Jones  
 5,445,825 A 8/1995 Copelan et al.  
 5,512,047 A 4/1996 Dvorak  
 H1557 H 7/1996 Joubert et al.  
 5,620,462 A 4/1997 Valenti  
 5,653,229 A 8/1997 Greenberg  
 5,662,685 A \* 9/1997 Uhler ..... A61J 17/002  
 606/234  
 D391,642 S 3/1998 Fountain  
 5,735,772 A \* 4/1998 Schiavoni ..... A63B 23/032  
 433/69  
 5,839,444 A 11/1998 Komatsu  
 5,855,908 A 1/1999 Stanley et al.  
 5,897,492 A 4/1999 Feller et al.  
 D411,623 S 6/1999 Schiavoni  
 5,954,673 A 9/1999 Stachlin et al.  
 5,993,413 A \* 11/1999 Aaltonen ..... A23C 9/20  
 128/859  
 D422,694 S 4/2000 Hill  
 D461,558 S 8/2002 Schiavoni  
 6,454,788 B1 9/2002 Ashton  
 6,468,554 B1 10/2002 Ichino  
 D472,320 S 3/2003 Turbeville, Jr. et al.  
 6,581,605 B2 6/2003 Addington et al.  
 6,591,140 B2 7/2003 Strome et al.  
 6,607,549 B2 8/2003 Huang  
 6,632,095 B2 10/2003 Ryan  
 6,761,699 B2 7/2004 Chahine  
 6,823,554 B1 11/2004 Braun et al.  
 6,863,681 B2 3/2005 Dickerson  
 6,974,424 B2 12/2005 Fletcher et al.  
 7,029,491 B2 4/2006 Davis  
 7,083,548 B1 8/2006 Moore et al.  
 7,143,462 B2 12/2006 Hohlbein  
 7,238,144 B2 7/2007 Ferrara  
 7,238,145 B2 7/2007 Robbins et al.  
 7,258,311 B2 8/2007 Yen et al.  
 7,273,327 B2 9/2007 Hohlbein et al.  
 7,404,403 B2 7/2008 Farrell  
 7,438,667 B2 10/2008 Robbins et al.  
 7,500,984 B2 3/2009 Fuisz  
 7,527,642 B2 5/2009 VanSkiver et al.  
 D594,626 S \* 6/2009 Reed ..... D1/105  
 7,606,623 B2 10/2009 Ludlow et al.  
 7,660,636 B2 2/2010 Castel et al.  
 7,662,066 B2 2/2010 Ferrara  
 D626,307 S \* 11/2010 Zorovich ..... A23G 9/221  
 D1/105  
 D630,407 S \* 1/2011 Zorovich ..... D1/105  
 7,935,065 B2 5/2011 Martin et al.  
 7,942,782 B2 5/2011 Al-Tawil  
 D649,633 S \* 11/2011 Claypool ..... D24/133  
 8,047,964 B2 11/2011 Al-Tawil  
 8,057,207 B2 \* 11/2011 Zorovich ..... A23G 9/221  
 249/111  
 8,133,259 B2 3/2012 Roehrig et al.  
 8,211,144 B2 7/2012 Rohrig  
 D671,223 S \* 11/2012 Swern ..... D24/194  
 D676,289 S \* 2/2013 Lion ..... D7/672

8,430,658 B2 \* 4/2013 Zorovich ..... A23G 9/221  
 249/111  
 D685,485 S \* 7/2013 Swern ..... D24/194  
 8,517,729 B2 8/2013 Martin et al.  
 D689,747 S \* 9/2013 Zorovich ..... D7/672  
 D695,411 S \* 12/2013 Swern ..... D24/194  
 D710,496 S \* 8/2014 Stevens ..... D24/114  
 8,961,163 B2 \* 2/2015 Zorovich ..... A23G 9/083  
 249/119  
 9,028,531 B2 5/2015 Rohrig  
 9,149,681 B2 10/2015 Smead  
 D747,797 S \* 1/2016 Fourt ..... D24/114  
 D749,740 S \* 2/2016 Prasad ..... D24/171  
 9,707,158 B2 \* 7/2017 Chan ..... A45F 5/02  
 D796,273 S \* 9/2017 Knauf ..... D1/102  
 9,855,187 B2 \* 1/2018 Martin ..... A61H 23/00  
 2002/0128673 A1 \* 9/2002 Ripich ..... A61B 17/244  
 606/161  
 2003/0163149 A1 8/2003 Heisinger, Jr.  
 2003/0205234 A1 11/2003 Bardach et al.  
 2004/0000054 A1 1/2004 Sommer  
 2004/0005525 A1 1/2004 Brattesani  
 2005/0091854 A1 \* 5/2005 Johnson ..... A47G 21/00  
 30/324  
 2005/0103331 A1 5/2005 Wedemeyer  
 2006/0127542 A1 \* 6/2006 Wachtel ..... A23G 9/503  
 426/134  
 2006/0210480 A1 9/2006 Hamdy  
 2006/0235352 A1 10/2006 Dziewas et al.  
 2006/0282010 A1 12/2006 Martin et al.  
 2007/0181144 A1 8/2007 Brown et al.  
 2008/0077192 A1 3/2008 Harry et al.  
 2009/0005810 A1 \* 1/2009 Bonazza ..... A61J 17/02  
 606/235  
 2009/0188520 A1 7/2009 Brown  
 2009/0249571 A1 10/2009 Rohrig  
 2009/0259310 A1 10/2009 Blom  
 2009/0286237 A1 11/2009 Fitzgerald et al.  
 2009/0306626 A1 12/2009 Sinha et al.  
 2009/0306741 A1 12/2009 Hogle et al.  
 2010/0016908 A1 1/2010 Martin et al.  
 2010/0055233 A1 3/2010 Macinnis et al.  
 2010/0119992 A1 5/2010 Satoh et al.  
 2010/0121224 A1 5/2010 Toyota et al.  
 2010/0183789 A1 \* 7/2010 Zorovich ..... A23G 9/221  
 426/421  
 2010/0222706 A1 9/2010 Miyahara et al.  
 2011/0130249 A1 6/2011 Mikhailenok et al.  
 2011/0282248 A1 11/2011 Martin et al.  
 2011/0290246 A1 12/2011 Zachar  
 2013/0011530 A1 \* 1/2013 Wolf ..... A23G 9/26  
 426/241  
 2013/0011531 A1 \* 1/2013 Wolf ..... A23G 9/26  
 426/241  
 2013/0060281 A1 \* 3/2013 Lam ..... A61J 17/001  
 606/234  
 2013/0190656 A1 7/2013 Toyota  
 2013/0296751 A1 11/2013 Martin et al.  
 2013/0317547 A1 11/2013 Rohrig  
 2013/0331888 A1 12/2013 Antinnes  
 2013/0338711 A1 12/2013 Strazzeri  
 2015/0045698 A1 2/2015 Gribb et al.  
 2015/0374588 A1 \* 12/2015 Strazzeri ..... A61J 17/02  
 606/235  
 2017/0238641 A1 \* 8/2017 Chapman ..... A42B 1/24  
 2018/0085542 A1 \* 3/2018 Maselli ..... A61M 16/00  
 2018/0214350 A1 \* 8/2018 Schneider ..... A61J 17/007

FOREIGN PATENT DOCUMENTS

EP 1055491 B1 1/2003  
 GB 2159720 B 12/1985  
 GB 2323026 B 9/1998  
 JP 2005-287712 A 10/2005  
 JP 2006-034916 A 2/2006  
 JP 2007-319303 A 12/2007  
 JP 2008-110024 A 5/2008  
 JP 2011-083524 A 4/2011

(56)

**References Cited**

FOREIGN PATENT DOCUMENTS

JP	2011-172996	A	9/2011
WO	WO 1999/037270	A1	7/1999
WO	WO 2006/036597	A1	4/2006
WO	WO 2006/116843	A1	11/2006
WO	WO 2007/121065	A2	10/2007
WO	WO 2008/048911	A2	4/2008
WO	WO 2009/127947	A2	10/2009
WO	WO 2012/090507	A1	7/2012

\* cited by examiner

FIG. 1

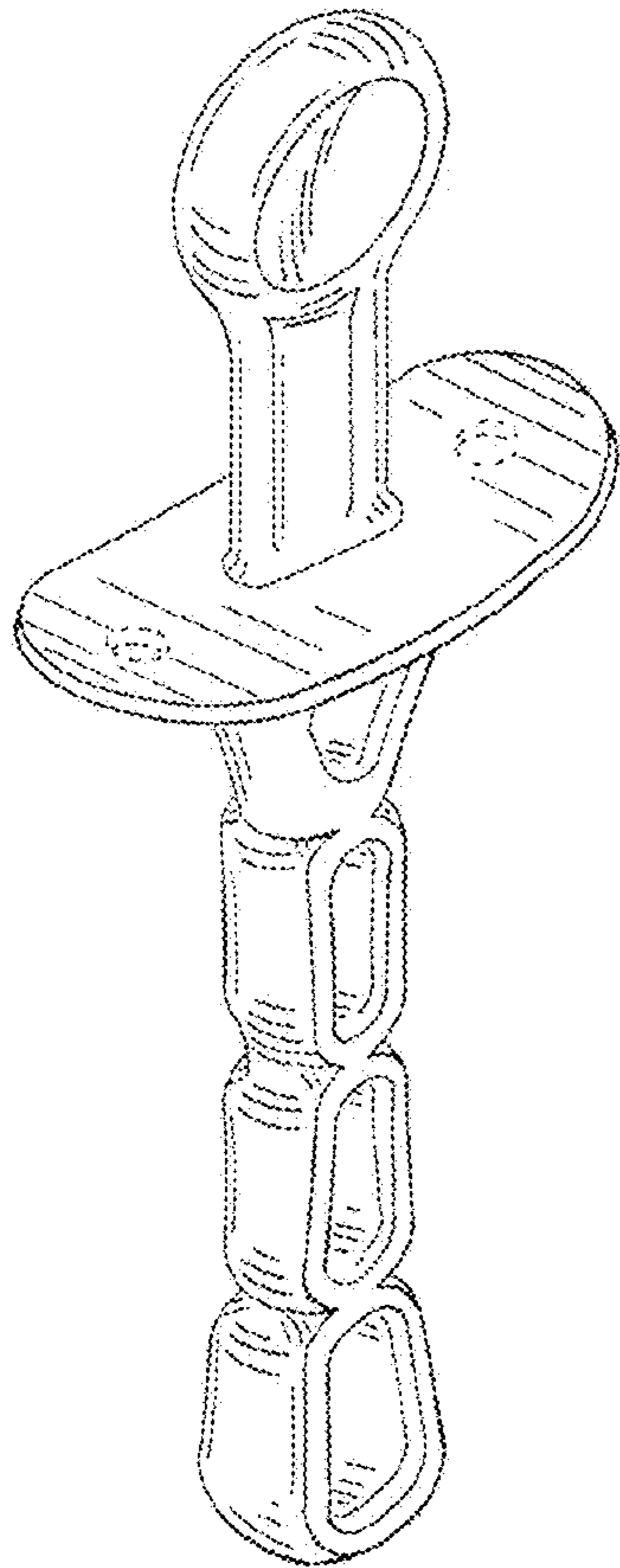


FIG. 2

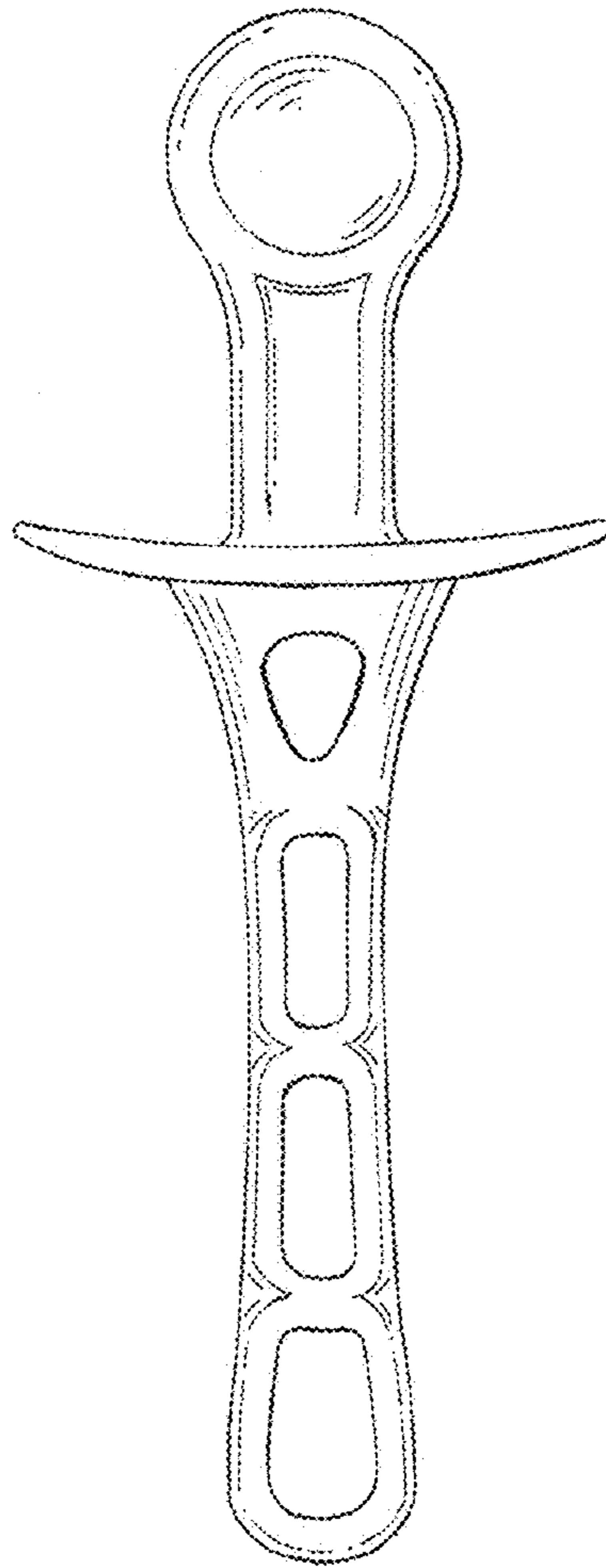


FIG. 3

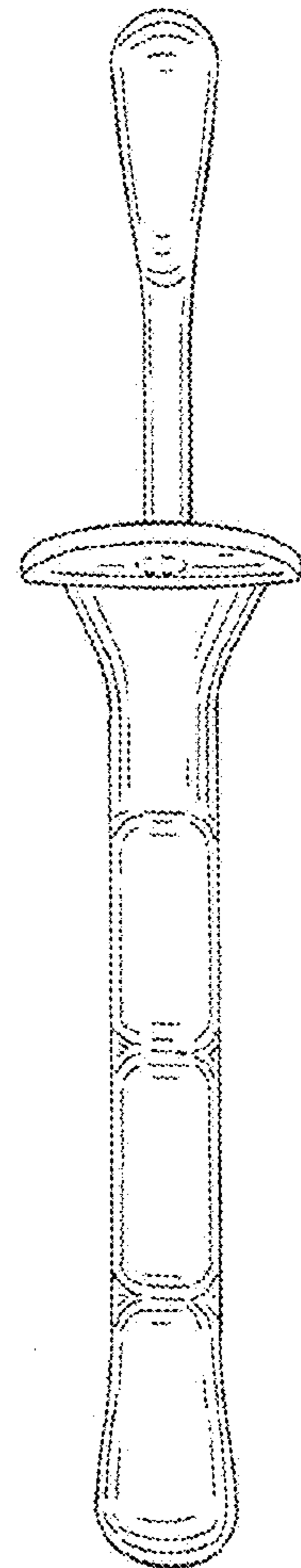


FIG. 4

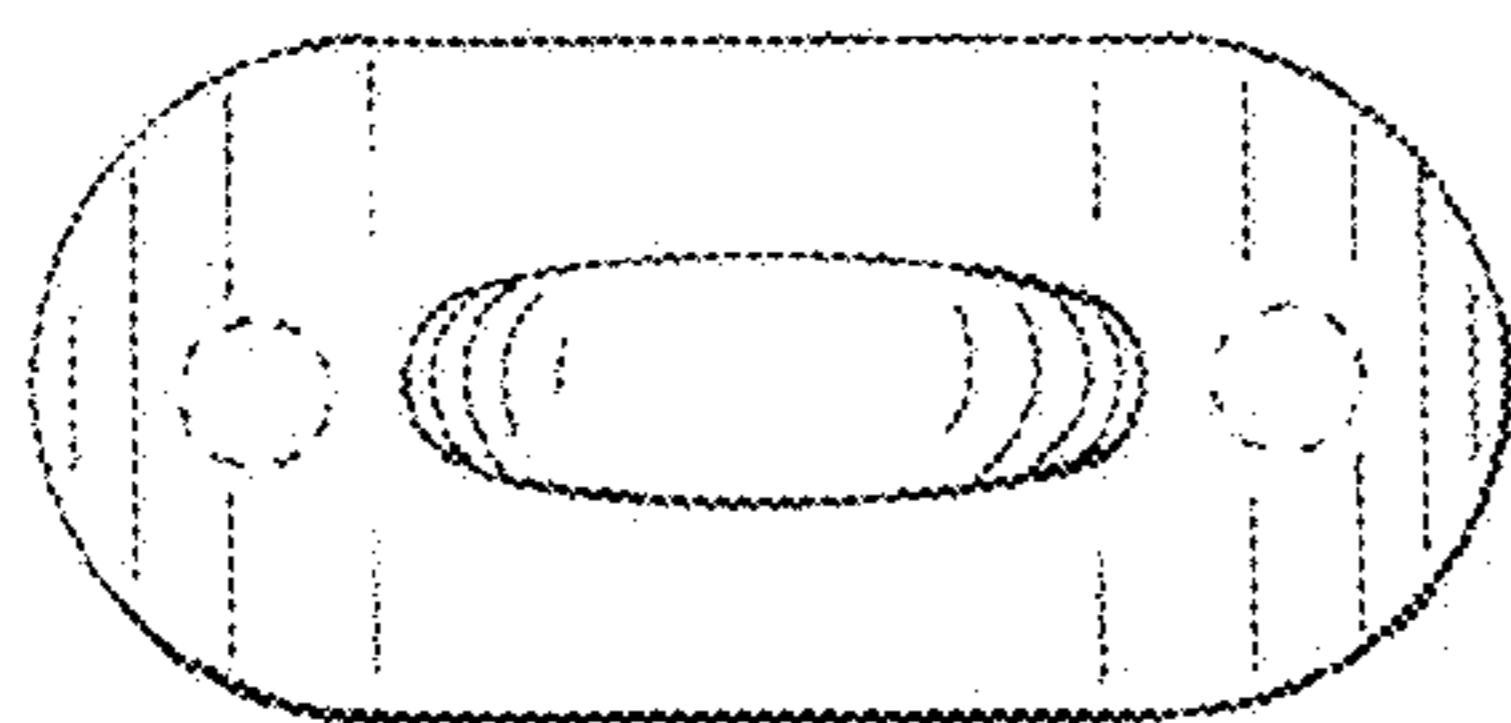


FIG. 5

