



US00D624434S

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

(10) **Patent No.:** **US D624,434 S**
(45) **Date of Patent:** **** Sep. 28, 2010**

(54) **SPRAYER WITH REMOVABLE BOTTLE RECEPTACLE**

D296,666 S 7/1988 Hunt
4,832,230 A 5/1989 Janowitz 222/80
D310,957 S 10/1990 Halm et al.

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(Continued)

FOREIGN PATENT DOCUMENTS

CN 200977495 Y 11/2007

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(Continued)

OTHER PUBLICATIONS

JP-HC15022149.

(Continued)

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

(21) Appl. No.: **29/357,741**

(22) Filed: **Mar. 16, 2010**

(51) **LOC (9) Cl.** **09-01**

(52) **U.S. Cl.** **D9/685; D9/686; D9/448**

(58) **Field of Classification Search** D9/682–694, D9/715, 719, 516–575, 434–499; D23/213, D23/223–227; 215/379–385, 386, 395; 220/23.91, 660, 669–675, 694, 696, 737, 220/755, 756, 914, 915; 222/129, 135, 153.01, 222/153.03, 153.04, 153.09, 153.11–153.14, 222/182, 183, 631, 635, 209–213, 215, 321.7–321.9, 222/323–327, 372, 373, 378, 379, 383.1, 222/384–386, 398, 400.7, 400.8, 401, 402.1–402.25, 222/465.1, 470–473; 239/525, 526, 527, 239/528, 302, 316, 320, 321, 322, 337, 338, 239/343, 360, 375

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a sprayer with a removable bottle receptacle, as shown and described.

DESCRIPTION

FIG. 1 is a top, front and left side perspective view of the sprayer with removable bottle receptacle showing our new design;

FIG. 2 is a bottom, right and rear another perspective view thereof;

FIG. 3 is a front elevational view thereof;

FIG. 4 is a right side view thereof, the left side view being a mirror image thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

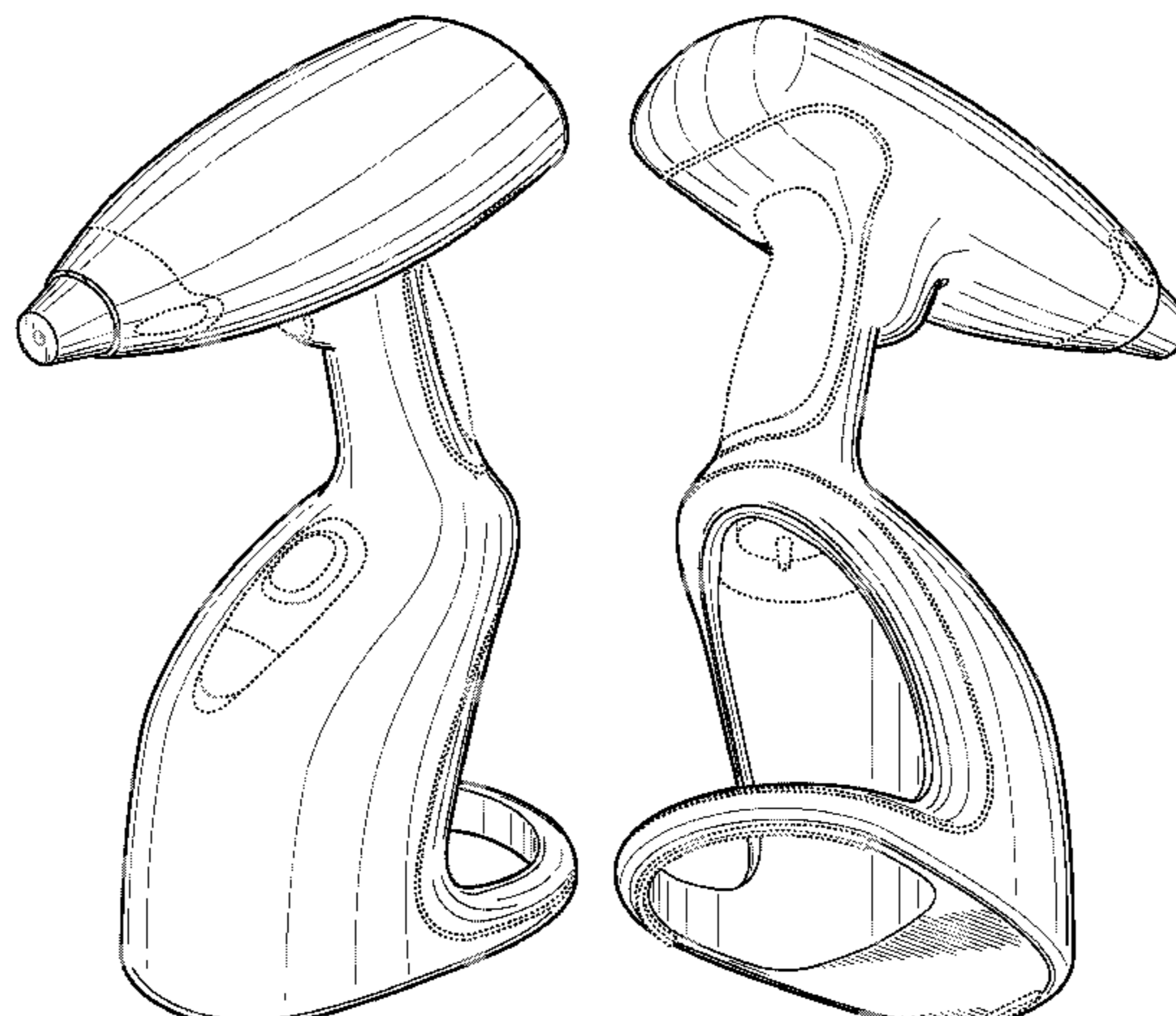
The broken line representations are included for the purpose of illustration only and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,372,678 A * 4/1945 McKay 239/342
D234,952 S * 4/1975 Rouquie D23/225
D241,414 S * 9/1976 Koenigsberg D9/523
D258,800 S * 4/1981 Halbeisen et al. D9/685
D260,856 S * 9/1981 Sillerud D9/522
D275,078 S 8/1984 Wassergord et al.
4,651,929 A * 3/1987 Kranzle 239/288
4,705,191 A 11/1987 Itzel et al. 222/80

1 Claim, 5 Drawing Sheets



US D624,434 S

Page 2

U.S. PATENT DOCUMENTS

| | | | | |
|-----------|------|---------|--------------------|-----------|
| D321,315 | S | 11/1991 | Halm et al. | |
| D328,635 | S * | 8/1992 | Matuschek | D23/226 |
| D332,392 | S | 1/1993 | Foster et al. | |
| D333,092 | S | 2/1993 | Moshe | |
| D342,678 | S | 12/1993 | Warner et al. | |
| D347,788 | S | 6/1994 | Steijns et al. | |
| D362,806 | S | 10/1995 | Mason et al. | |
| D363,020 | S | 10/1995 | Mason, Jr. et al. | |
| D367,815 | S | 3/1996 | Mason, Jr. et al. | |
| 5,590,439 | A | 1/1997 | Alazet | 15/320 |
| D389,412 | S | 1/1998 | Klima, Jr. et al. | |
| 5,716,007 | A * | 2/1998 | Nottingham et al. | 239/332 |
| D391,488 | S | 3/1998 | Klima, Jr. et al. | |
| D396,641 | S | 8/1998 | Klima, Jr. et al. | |
| D399,751 | S | 10/1998 | Klima, Jr. et al. | |
| D401,504 | S | 11/1998 | Bolliger et al. | |
| D402,553 | S | 12/1998 | Webster et al. | |
| D403,588 | S | 1/1999 | Jungmann | |
| D406,052 | S | 2/1999 | Dumont et al. | |
| D411,748 | S | 6/1999 | Klima, Jr. et al. | |
| D413,808 | S | 9/1999 | Bolliger et al. | |
| D451,792 | S | 12/2001 | Siebert et al. | |
| D454,779 | S | 3/2002 | Siebert et al. | |
| 6,412,663 | B1 * | 7/2002 | Adamson et al. | 222/183 |
| D462,608 | S | 9/2002 | Sweeton | |
| D467,502 | S | 12/2002 | Keller et al. | D9/500 |
| 6,502,766 | B1 | 1/2003 | Streutker et al. | 239/332 |
| D486,397 | S | 2/2004 | Crawford et al. | D9/523 |
| 6,926,819 | B2 | 8/2005 | Nakamura et al. | 205/701 |
| 6,964,739 | B2 | 11/2005 | Boyd et al. | 210/167 |
| D512,316 | S | 12/2005 | Illenberger et al. | D9/516 |
| D516,435 | S | 3/2006 | Barraclough | D9/682 |
| 7,156,962 | B2 | 1/2007 | Koizumi et al. | 204/292 |
| D567,659 | S | 4/2008 | Gran et al. | D9/516 |
| 7,360,672 | B2 * | 4/2008 | Sweeton | 222/383.1 |
| D582,272 | S * | 12/2008 | Cichy | D9/448 |
| D583,677 | S * | 12/2008 | Harrison et al. | D9/685 |
| D591,598 | S | 5/2009 | Caroen et al. | D9/516 |
| D597,408 | S | 8/2009 | Chang | D9/524 |
| D600,558 | S * | 9/2009 | Isono | D9/522 |

| | | | | |
|--------------|-----|---------|----------------|---------|
| D602,379 | S | 10/2009 | Traiforos | D9/744 |
| D614,957 | S * | 5/2010 | Schaeffer | D9/685 |
| 2006/0037869 | A1 | 2/2006 | Mitchke | 205/701 |
| 2007/0023273 | A1 | 2/2007 | Kitaori et al. | 204/164 |
| 2008/0073375 | A1 | 3/2008 | Nelson et al. | 222/129 |

FOREIGN PATENT DOCUMENTS

| | | | |
|----|-------------|----|---------|
| DE | 8430251 | U1 | 6/1984 |
| EP | 0663176 | B1 | 7/1995 |
| EP | 1741676 | A2 | 1/2007 |
| EP | 1903128 | A2 | 3/2008 |
| JP | 1997-174054 | | 7/1997 |
| JP | 2000-079393 | | 3/2000 |
| JP | 2003-181338 | | 7/2003 |
| JP | 2003-261190 | | 9/2003 |
| JP | 2003-266073 | | 9/2003 |
| JP | 2003-334557 | | 11/2003 |
| JP | 2004-148108 | | 5/2004 |
| KR | 100599229 | | 7/2006 |
| MX | 9787 | | 12/1998 |
| MX | 25641 | | 4/2008 |

OTHER PUBLICATIONS

Notice of Allowance and Fee(s) due from the United States Patent and Trademark Office for U.S. Appl. No. 29/323,877, dated Apr. 7, 2009. English Translation of the Office Action from the Japanese Patent Office for Japanese Design Registration Application No. 2009-004502, dated Jun. 23, 2009.

Notice of Allowance and Fee(s) Due from the United States Patent and Trademark Office for U.S. Appl. Ser. No. 29/323,877, dated Jan. 25, 2010.

English Translation of Mexican Office Action from Mexican Design Application MX/F/2009/000338, dated Jan. 22, 2010.

Notice of Allowance and Fee(s) Due from the United States Patent and Trademark Office for U.S. Appl. No. 29/323,874, dated Mar. 22, 2010.

Supplemental Notice of Allowability from the United States Patent and Trademark Office for U.S. Appl. No. 29/323,874, dated Jun. 8, 2010.

* cited by examiner

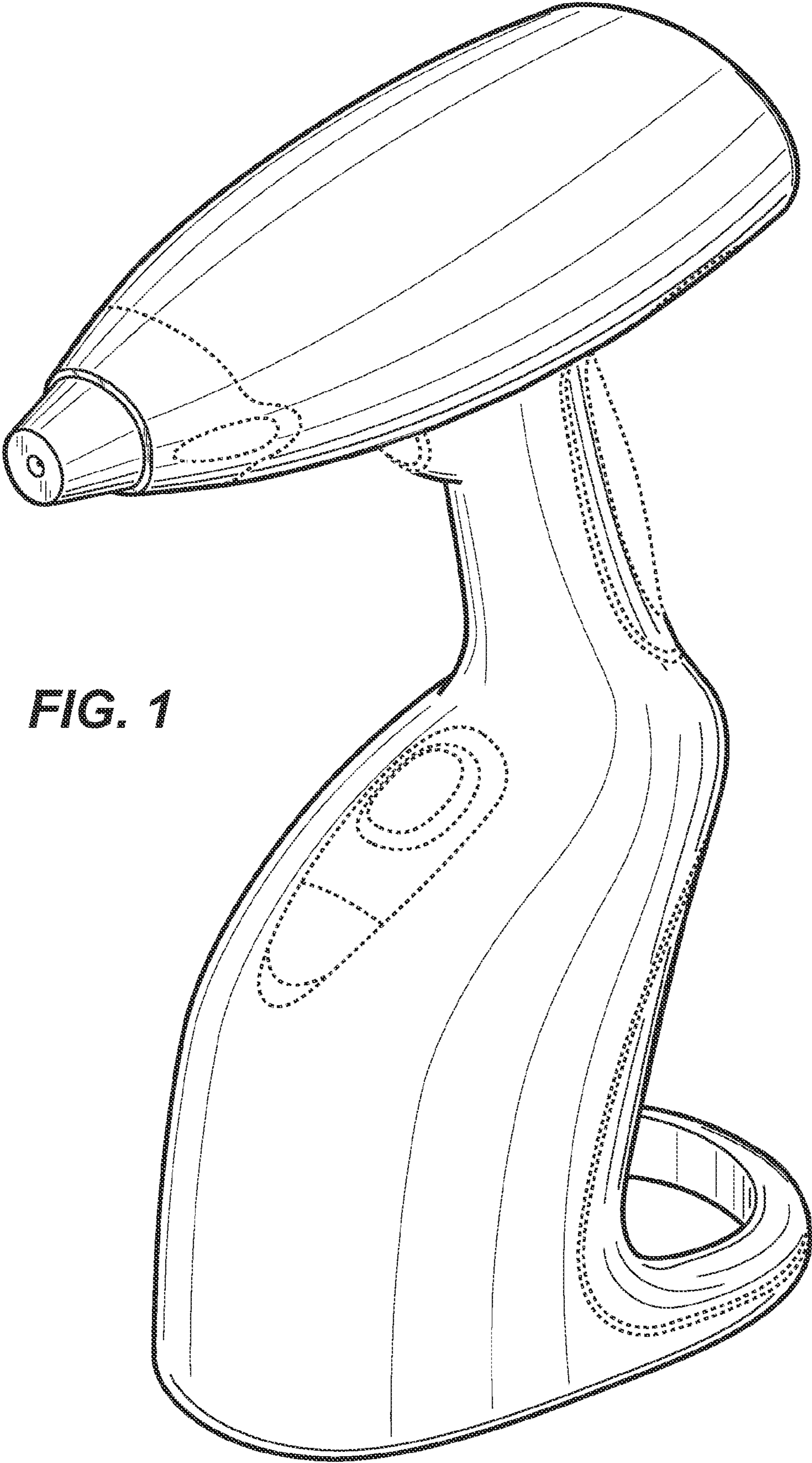


FIG. 1

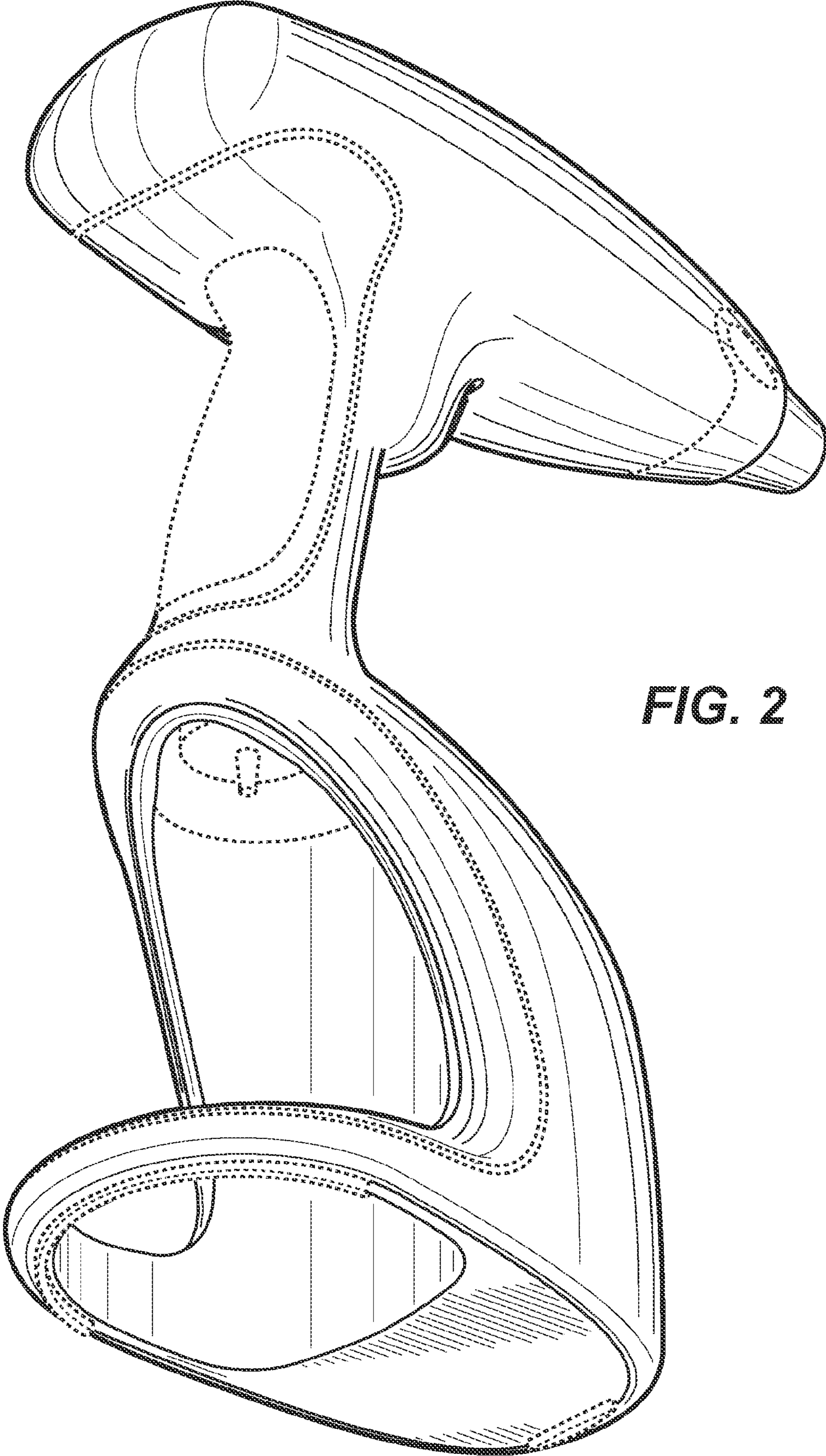


FIG. 2

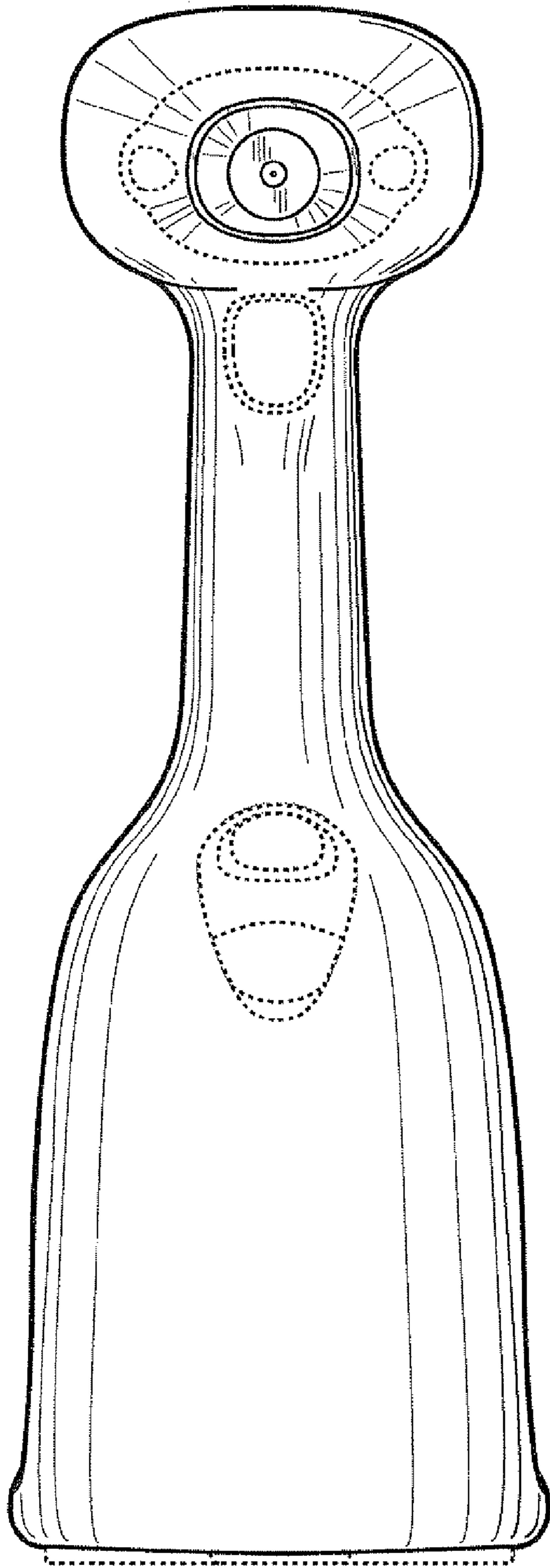


FIG. 3

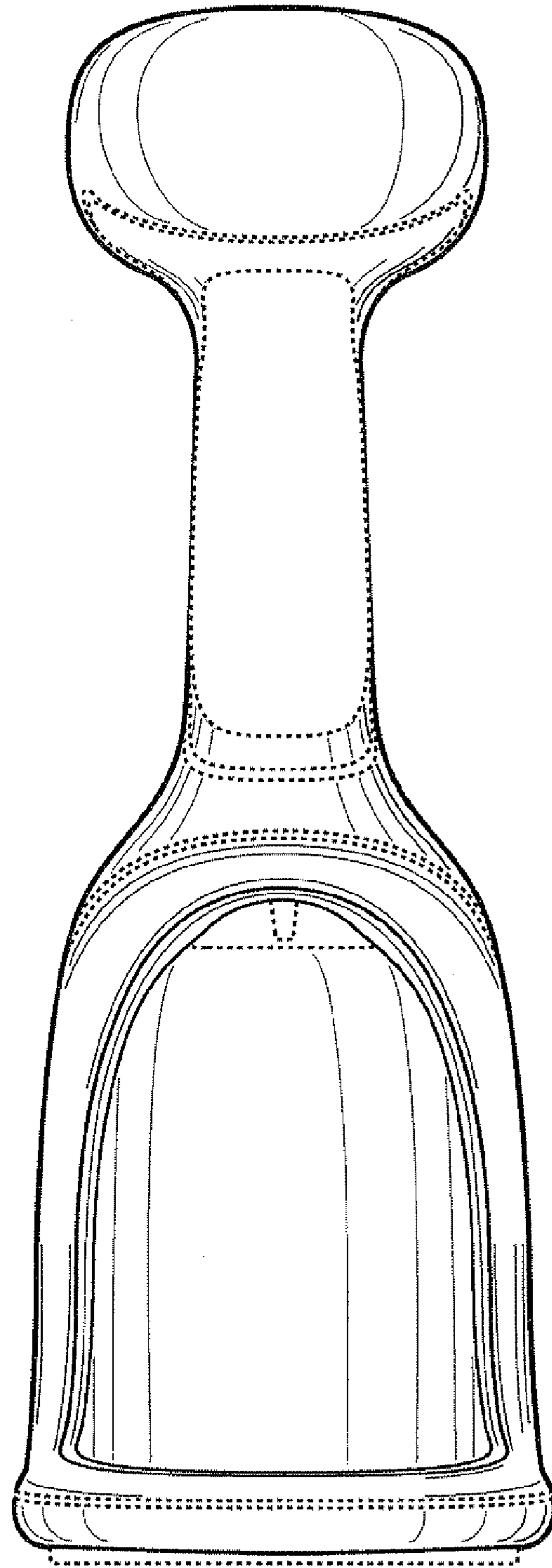


FIG. 5

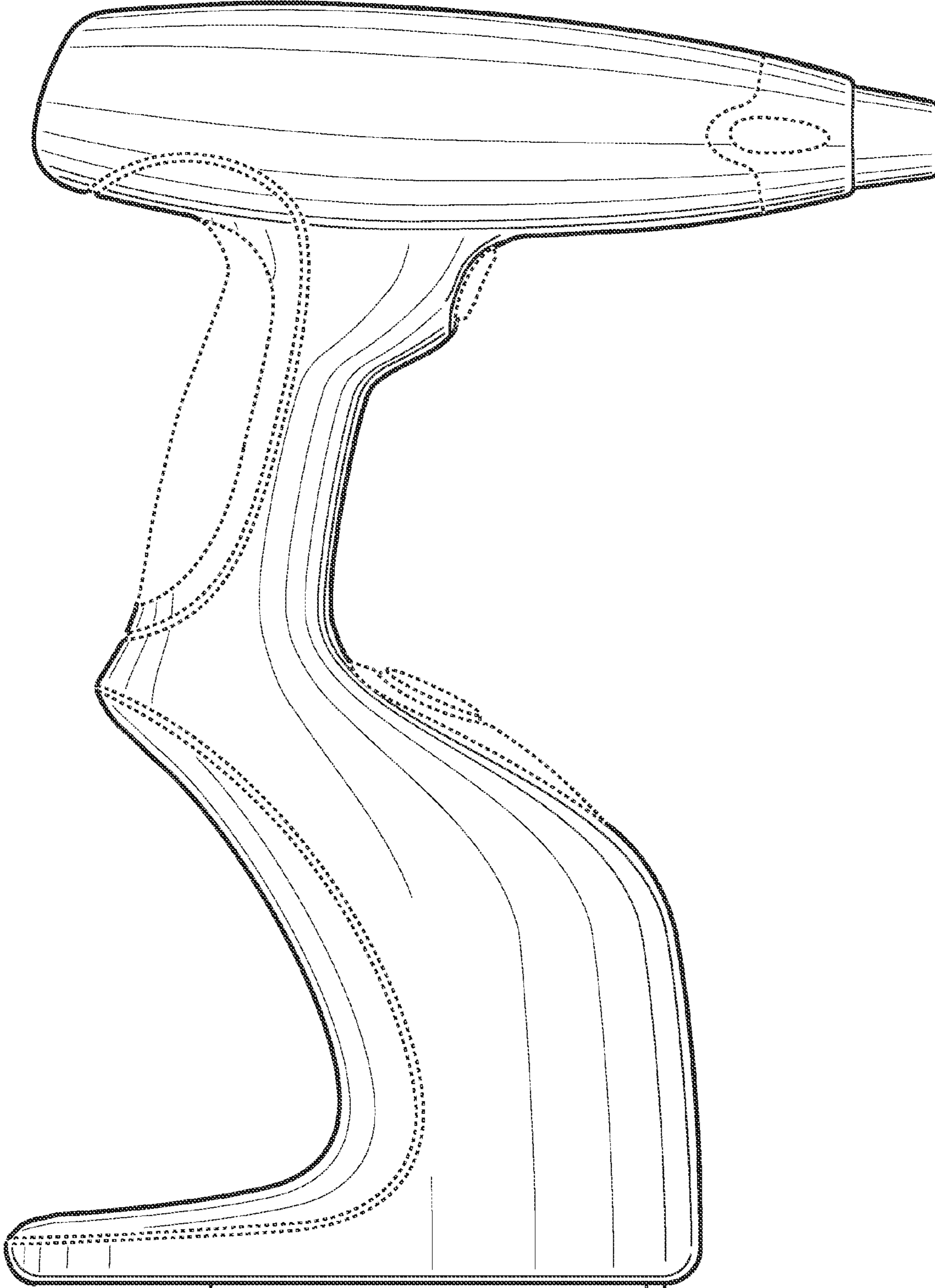


FIG. 4

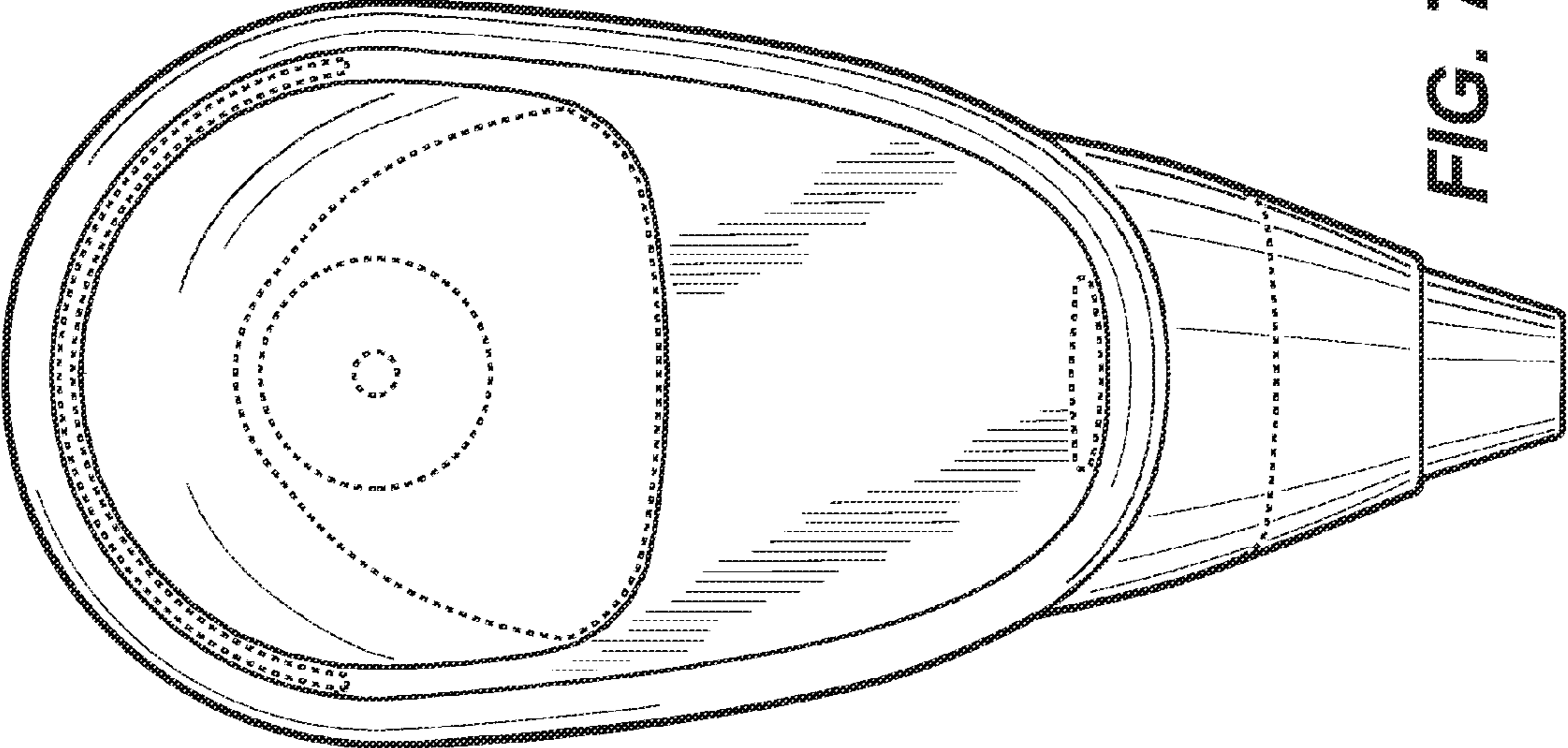


FIG. 7

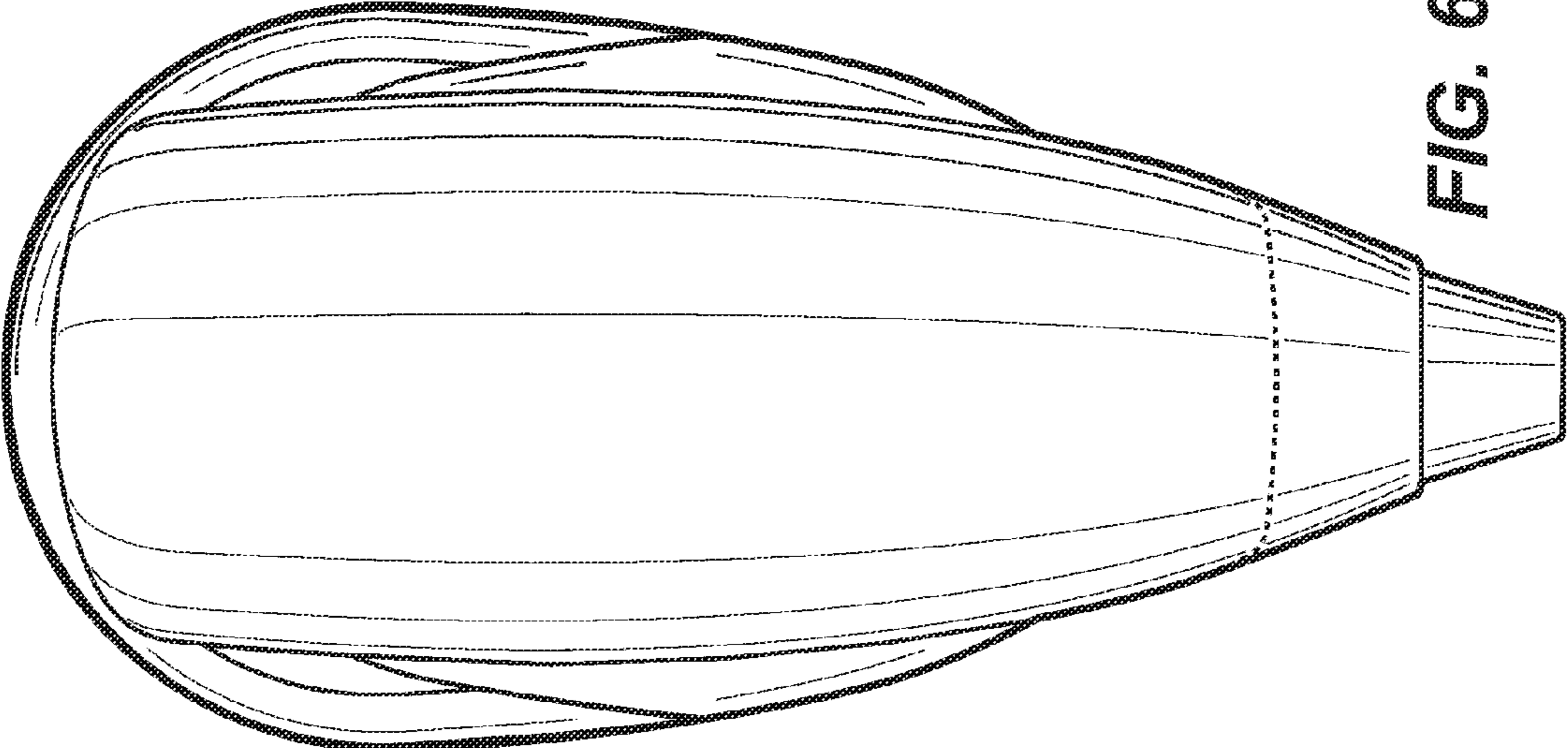


FIG. 6