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

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(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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(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.

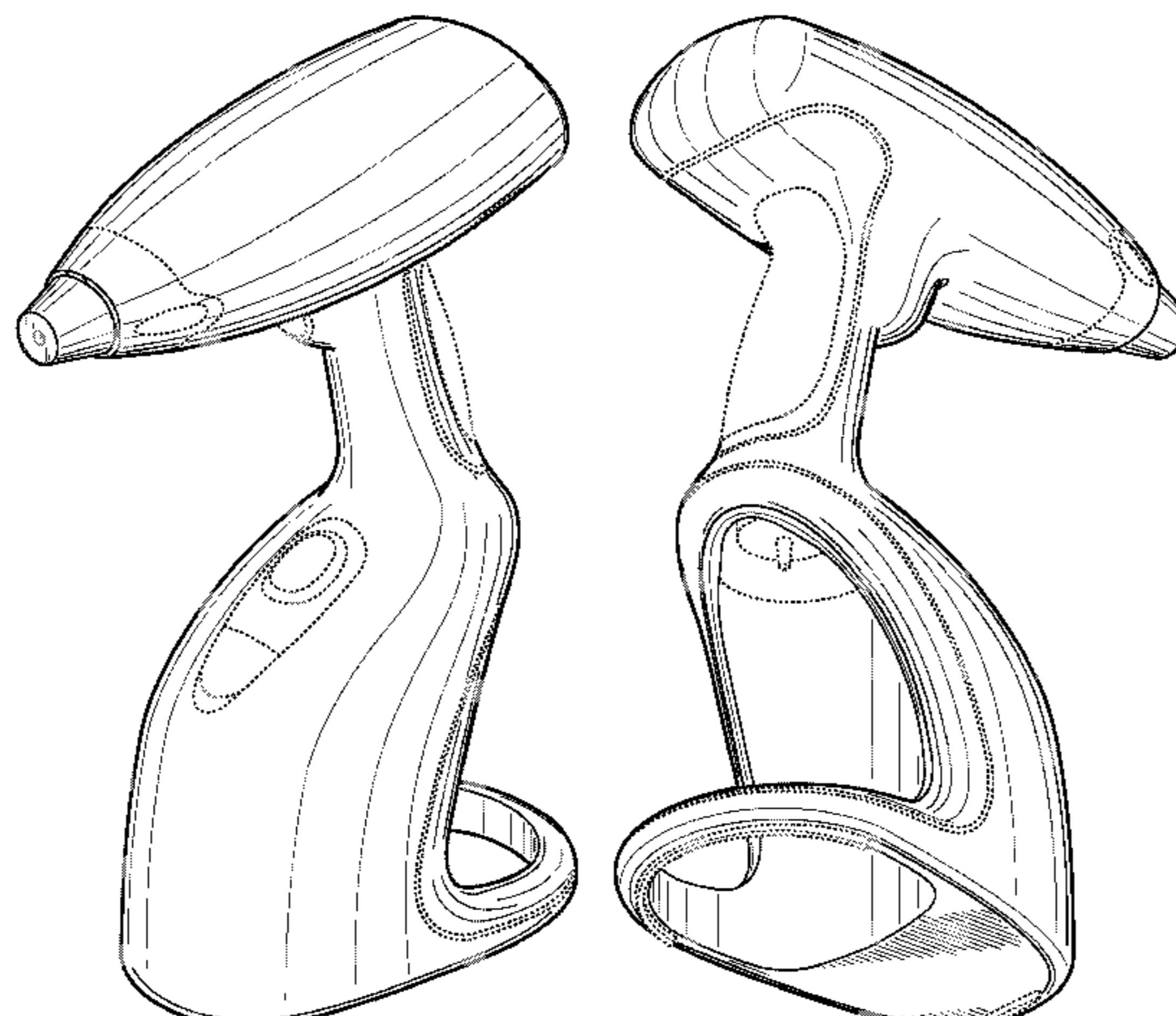
The broken line representations are included for the purpose of illustration only and form no part of the claimed design.

(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

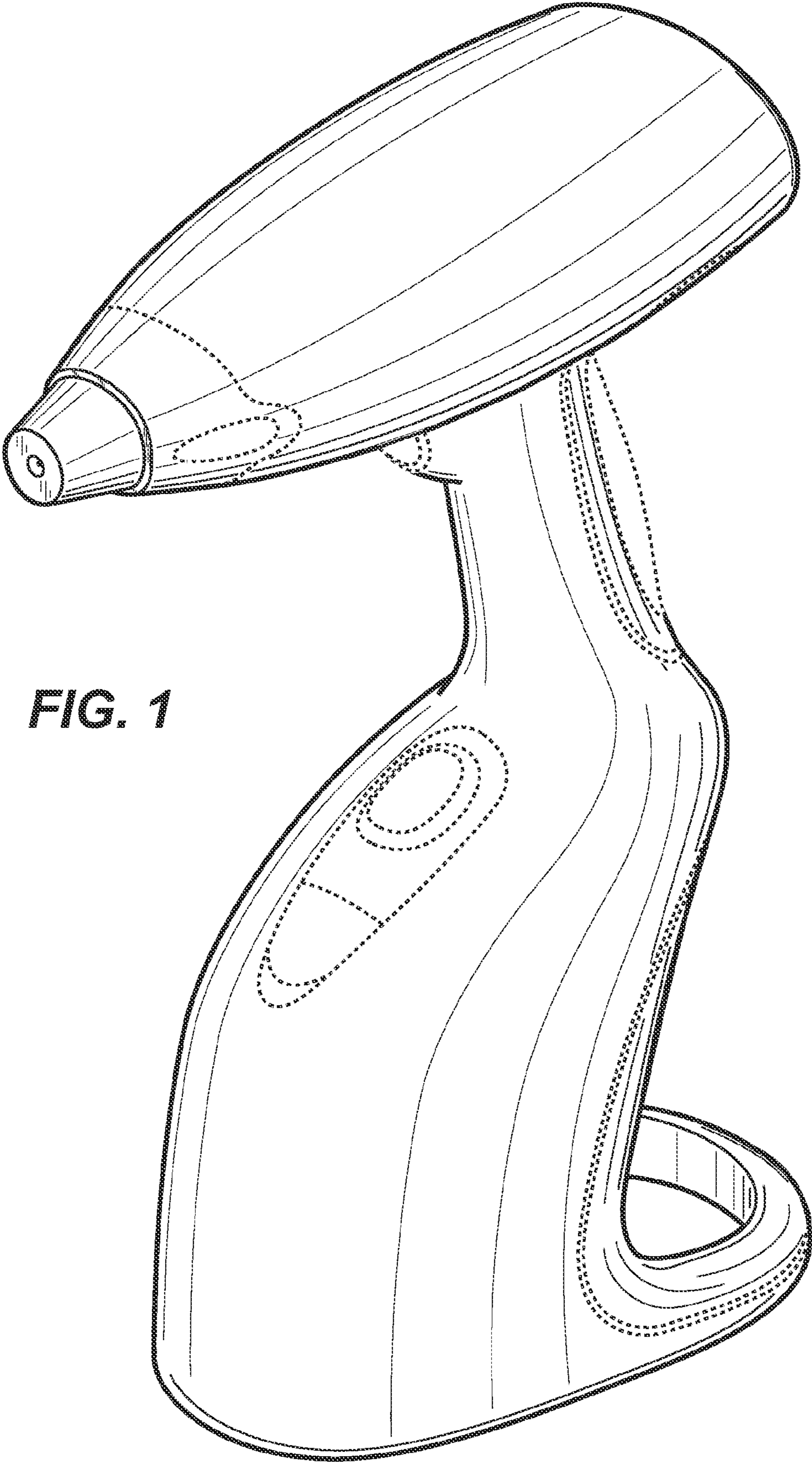


FIG. 1

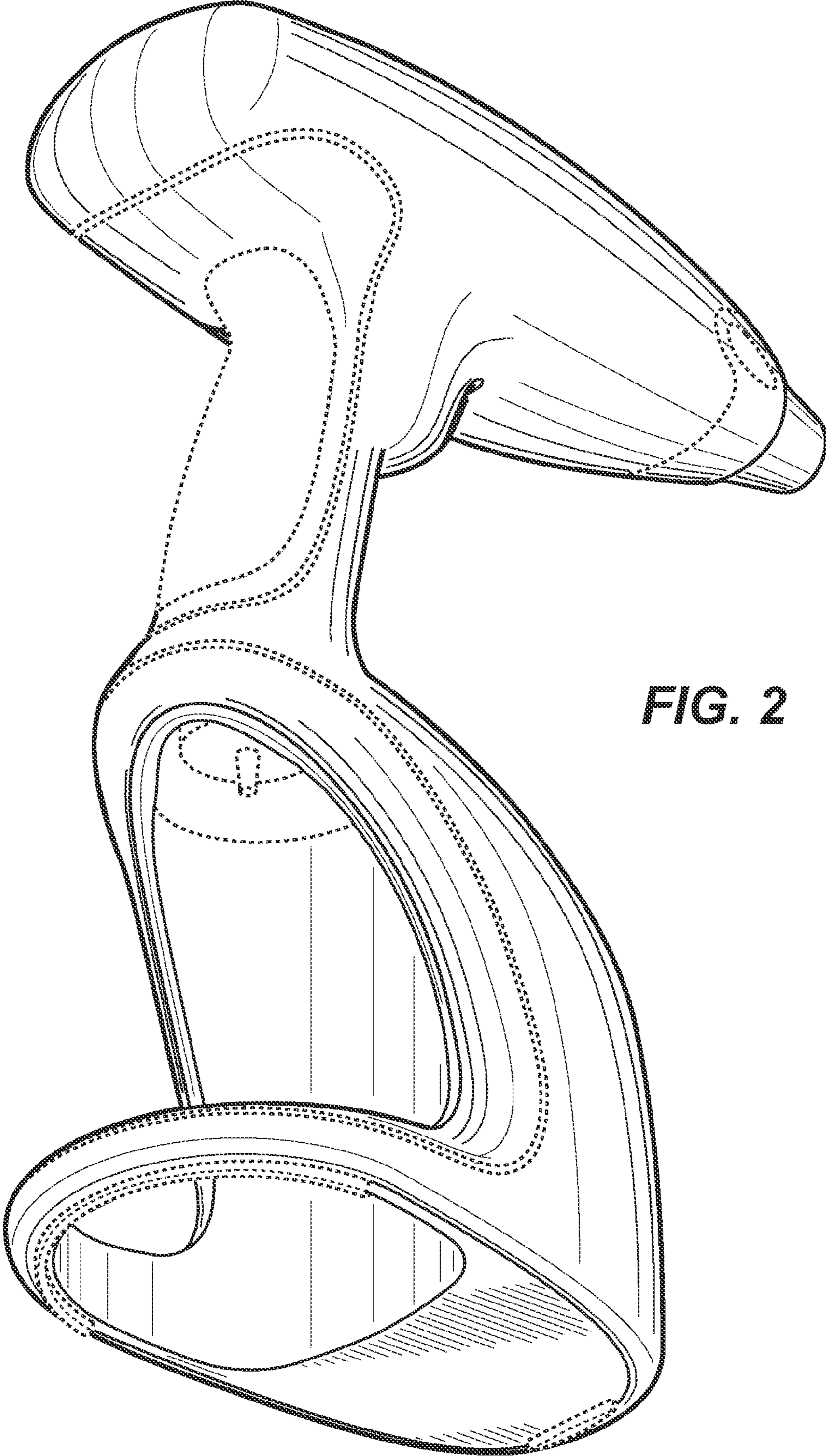


FIG. 2

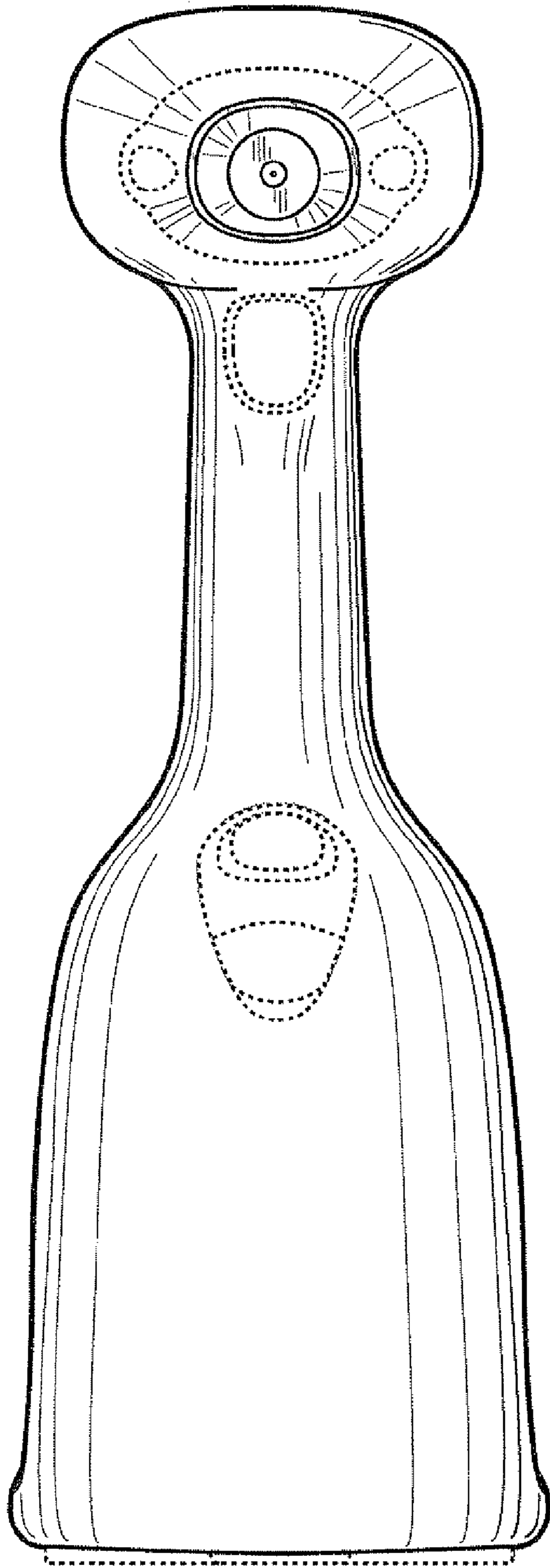


FIG. 3

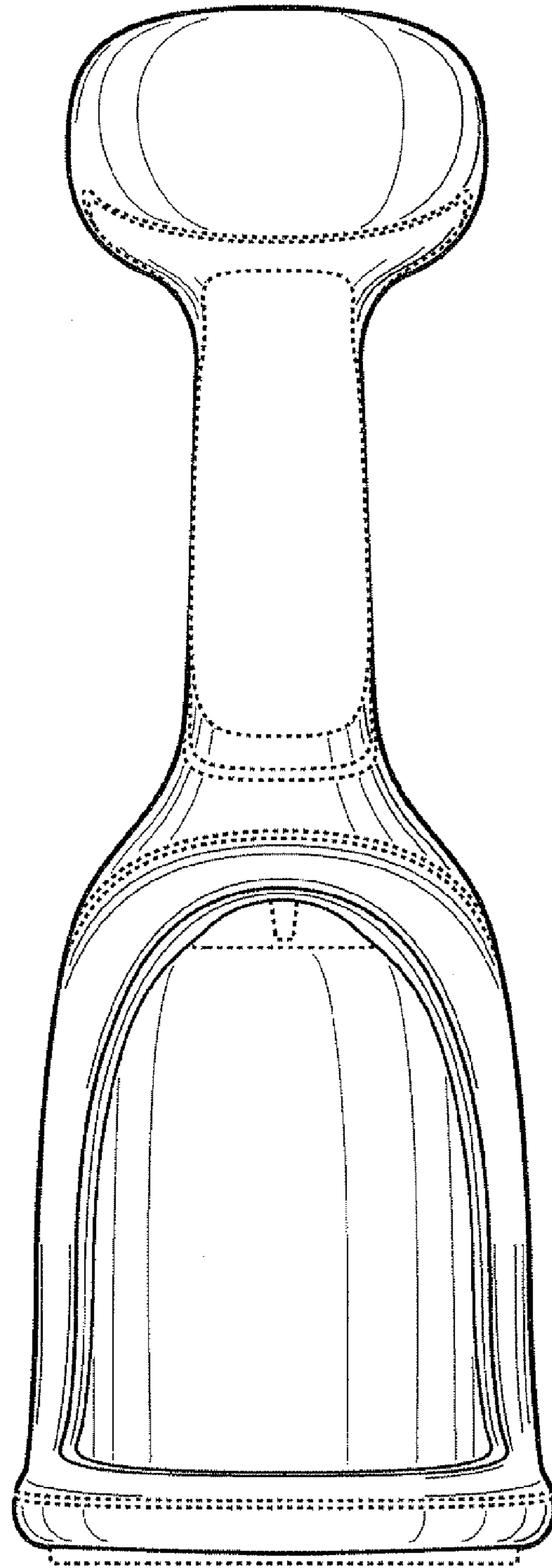


FIG. 5

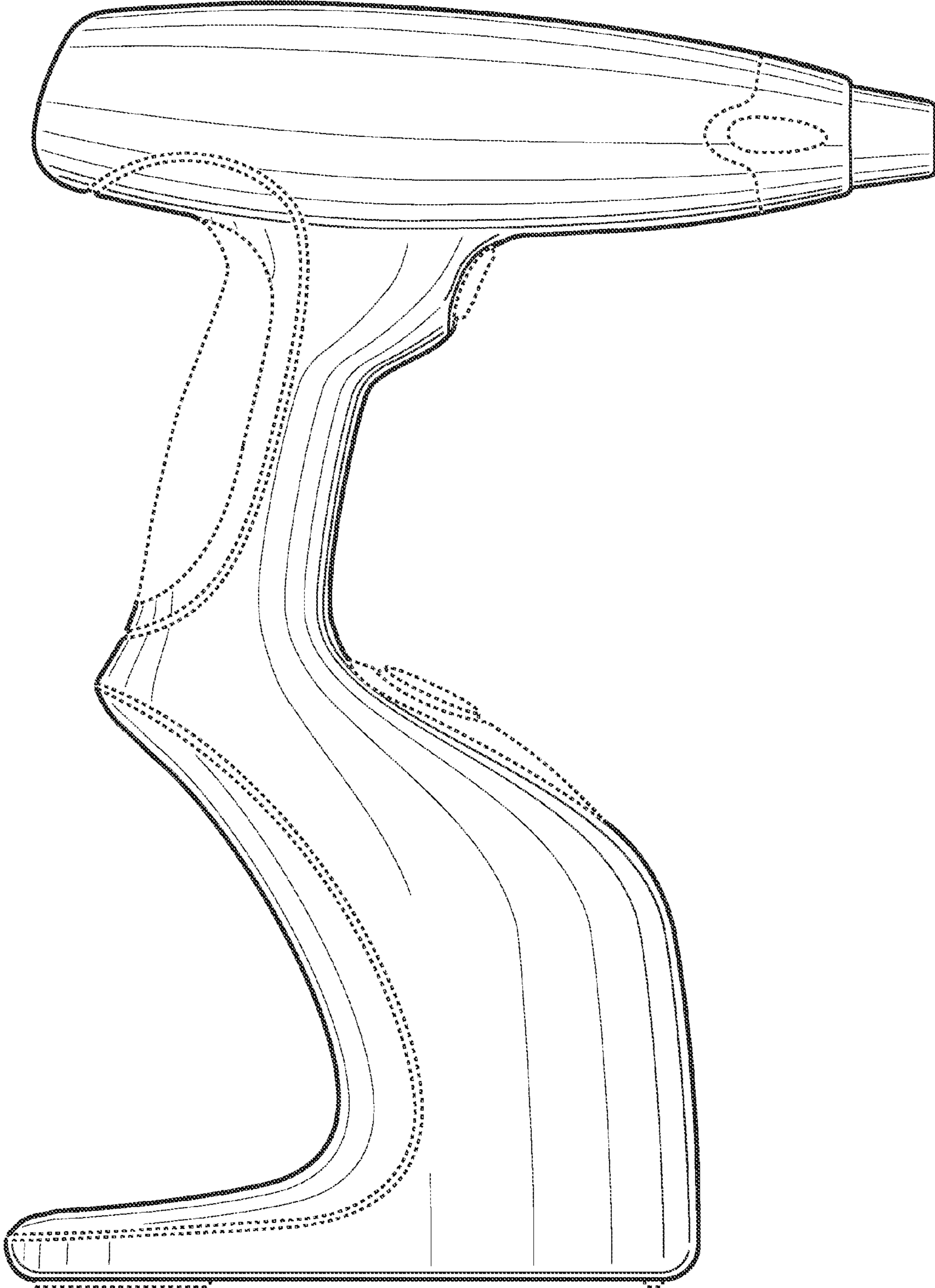


FIG. 4

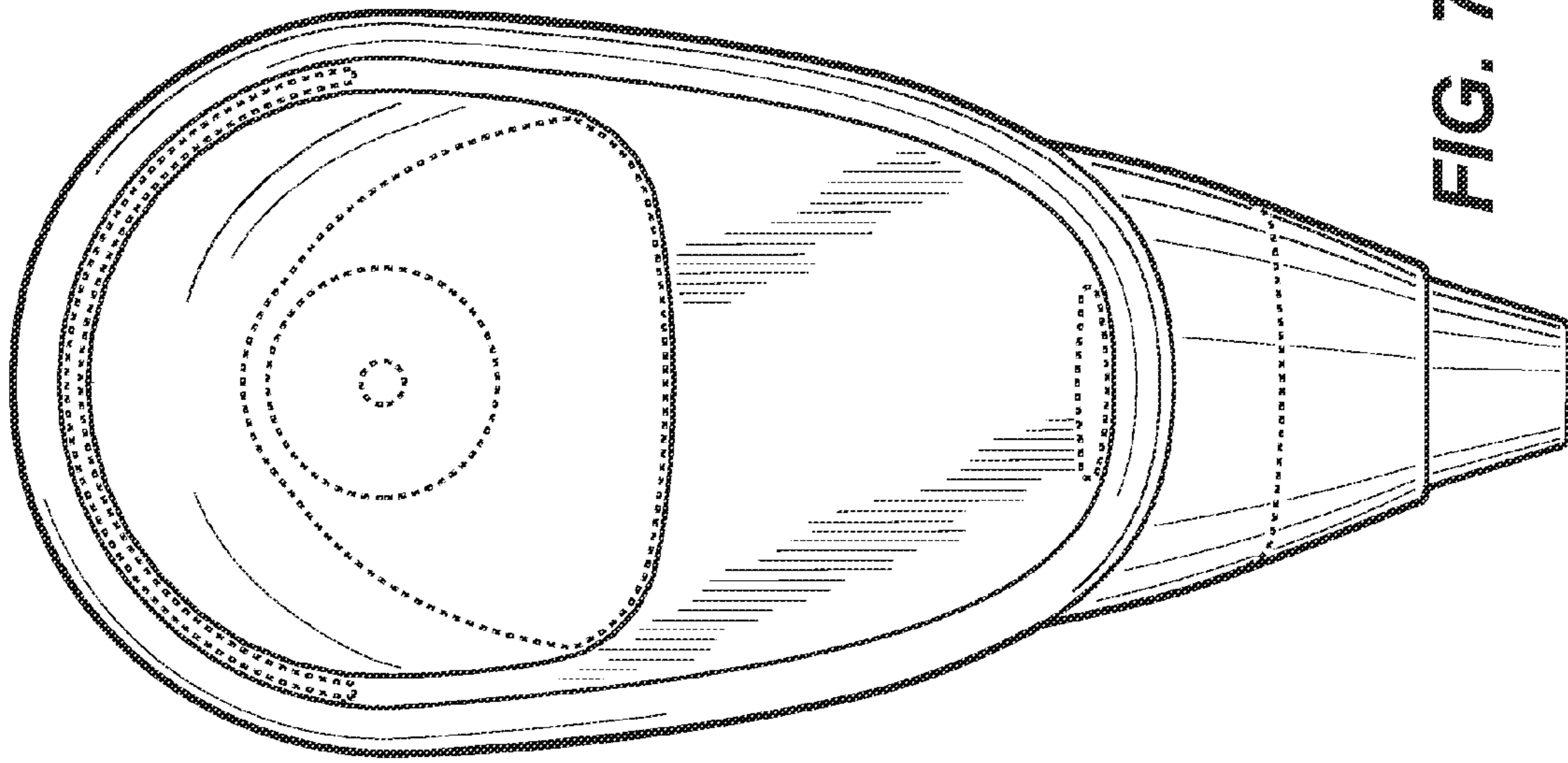


FIG. 7

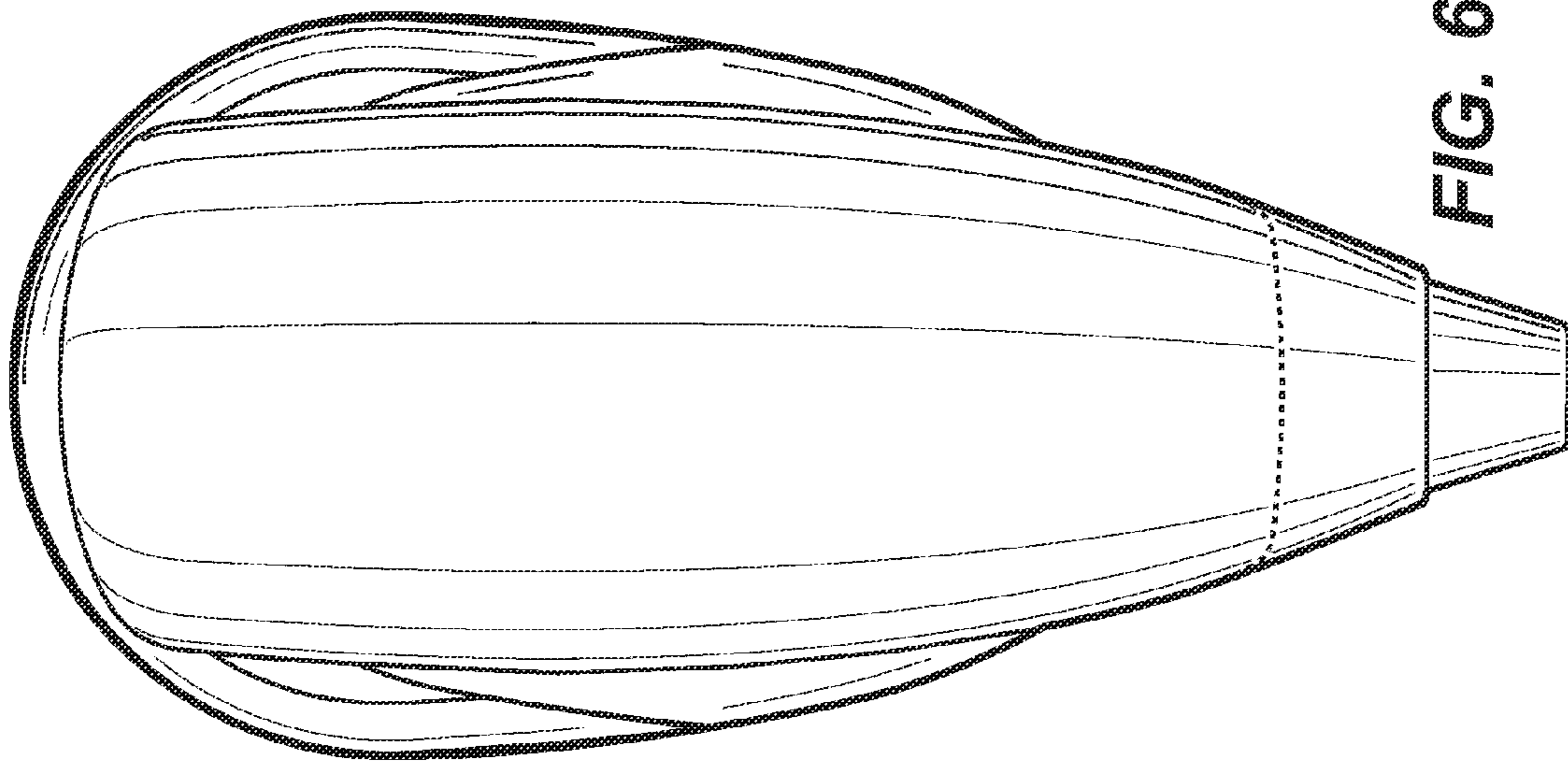


FIG. 6