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

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(54) **DISPOSABLE VIAL WITH TWIST OFF TOP**

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(52) **U.S. Cl.**
USPC **D24/115**

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222/541.9; 206/528, 209, 210; 604/3,
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CPC A61J 1/067; A61J 7/0023; A61J 7/0053
See application file for complete search history.

D312,209 S *	11/1990	Morrow	.....	D9/443
D327,008 S *	6/1992	Friedman	.....	D24/224
D345,211 S *	3/1994	Bologna	.....	D24/115
D362,304 S *	9/1995	Wilson	.....	D24/224
D369,212 S *	4/1996	Snell	.....	D9/696
5,577,636 A *	11/1996	Fukuoka	.....	B65D 1/0238 222/107
D419,672 S *	1/2000	Poynter	.....	D24/115
D421,651 S *	3/2000	Poynter	.....	D24/115
6,094,886 A *	8/2000	Poignant	.....	B29C 45/0053 206/532
D430,664 S *	9/2000	Poynter	.....	D24/115
D434,143 S *	11/2000	Poynter	.....	D24/115
D458,676 S *	6/2002	Berglund	.....	D24/115
D460,175 S *	7/2002	Louviere	.....	D24/115
D471,628 S *	3/2003	Louviere	.....	D24/115
6,682,518 B1 *	1/2004	Rothstein	.....	B65D 1/09 604/411
6,799,699 B1 *	10/2004	Lemarr	.....	B65D 35/22 222/129
D518,891 S *	4/2006	Strong	.....	D24/115
7,185,790 B2 *	3/2007	Weiler	.....	B65D 1/0238 222/153.06
D539,903 S *	4/2007	Strong	.....	D24/112
D551,760 S *	9/2007	Zahn	.....	D24/117
D571,002 S *	6/2008	Starnes	.....	D24/115
D596,740 S *	7/2009	Poynter	.....	D24/115
8,640,873 B2 *	2/2014	Nakano	.....	A61J 1/067 206/532

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,601,252 A *	8/1971	Sager	.....	B65D 75/5822 383/210
3,993,223 A *	11/1976	Welker	.....	B65D 1/095 222/107
D258,534 S *	3/1981	Nagel	.....	D24/224
D273,765 S *	5/1984	Cillario	.....	D9/425
4,502,616 A *	3/1985	Meierhoefer	.....	A61J 1/067 206/484
4,512,475 A *	4/1985	Federighi	.....	A61J 1/067 206/484
D282,348 S *	1/1986	Federighi	.....	D9/442
D309,097 S *	7/1990	Price	D24/115
4,951,822 A *	8/1990	Fontana	B65D 1/095 206/530

(Continued)

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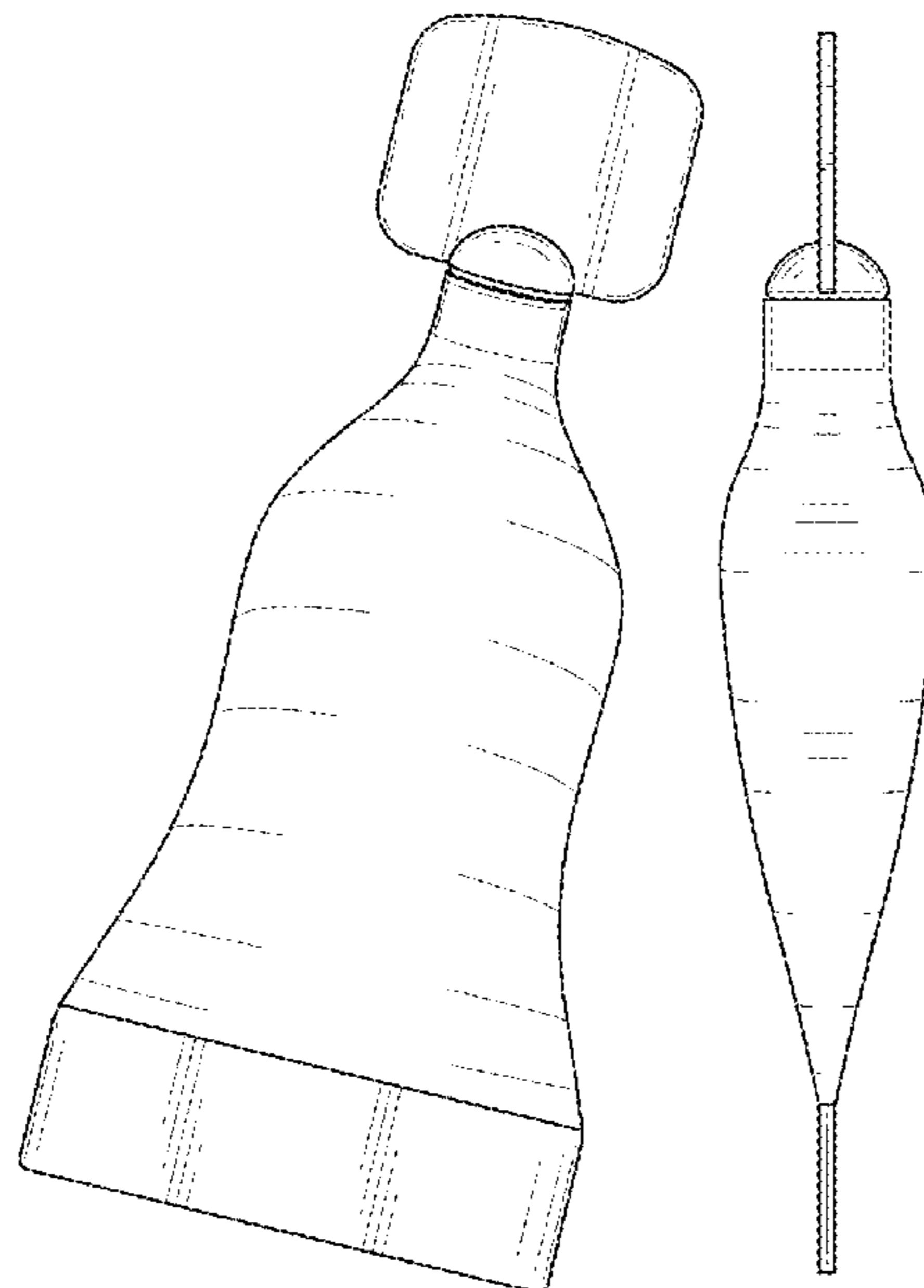
(57) **CLAIM**

Ornamental design for disposable vial with twist off top, as shown and described.

DESCRIPTION

FIG. 1 Front view of a disposable vial with twist off top
FIG. 2 Top view thereof
FIG. 3 Bottom view thereof; and,
FIG. 4 Side view thereof.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

8,839,538 B2 * 9/2014 Franko, Sr. G06K 19/07758
222/93
D725,264 S * 3/2015 Zhang D24/133
D726,900 S * 4/2015 Kaufman A61M 35/003
D24/113
D753,292 S * 4/2016 Oates, II D24/115
D859,684 S * 9/2019 Edwards D24/223
D861,188 S * 9/2019 Edwards D24/223
D870,275 S * 12/2019 Murray D24/115
2002/0100741 A1 * 8/2002 Weiler B65D 1/0238
215/48
2007/0138215 A1 * 6/2007 Zahn B65D 1/095
222/541.9
2009/0071978 A1 * 3/2009 Sharp B65D 1/32
222/107
2010/0266981 A1 * 10/2010 Levine A61M 35/003
433/89
2012/0217177 A1 * 8/2012 Slokovic A45D 40/0087
206/209
2016/0137367 A1 * 5/2016 Fontana B65D 1/0238
206/532
2017/0283145 A1 * 10/2017 Murray B65D 75/323

* cited by examiner

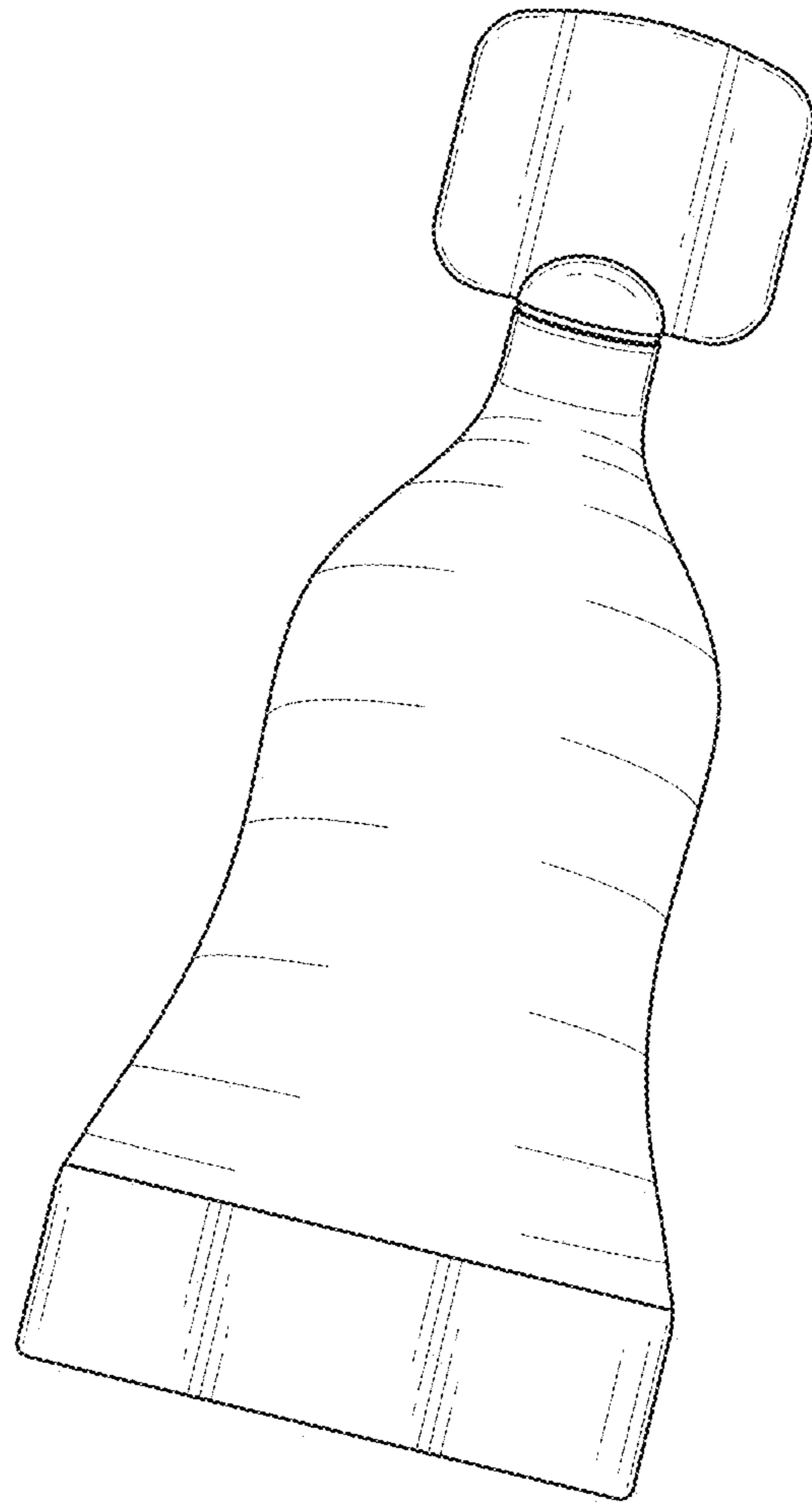


FIG. 1

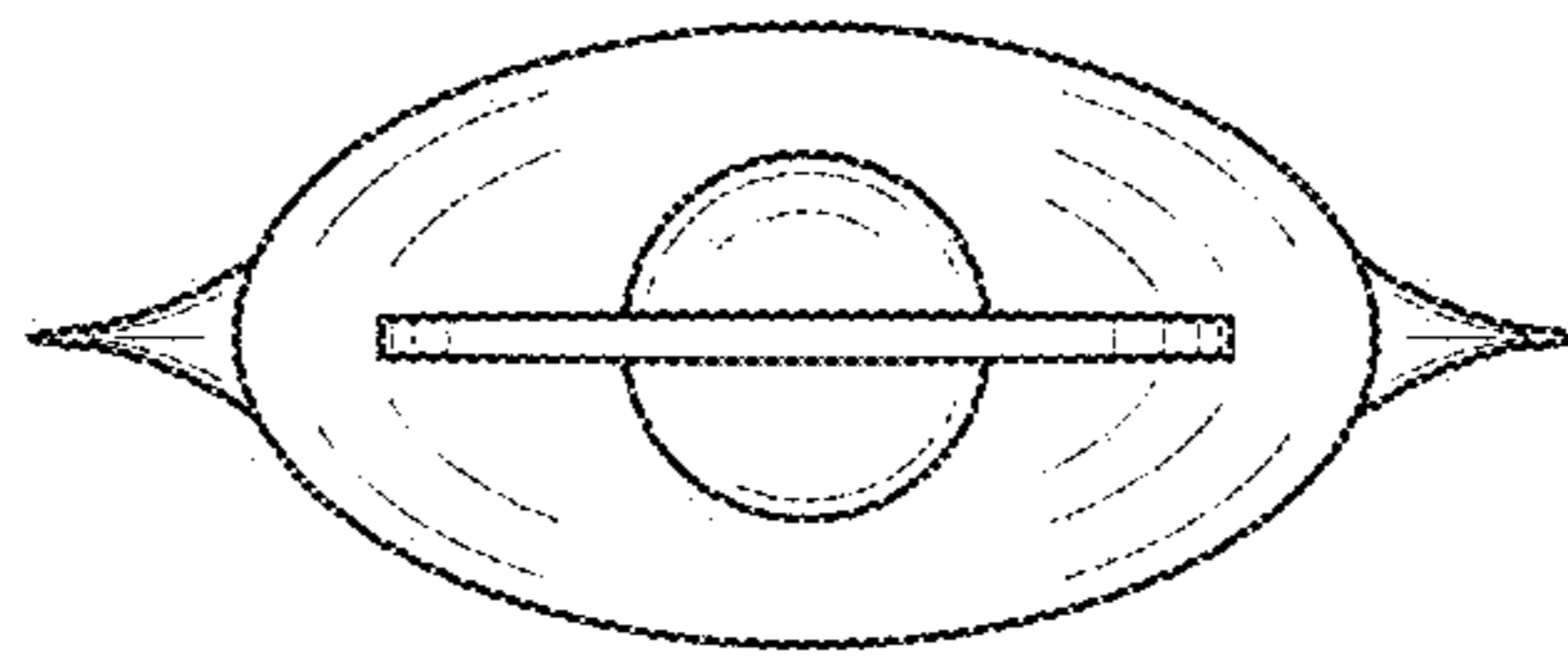


FIG. 2

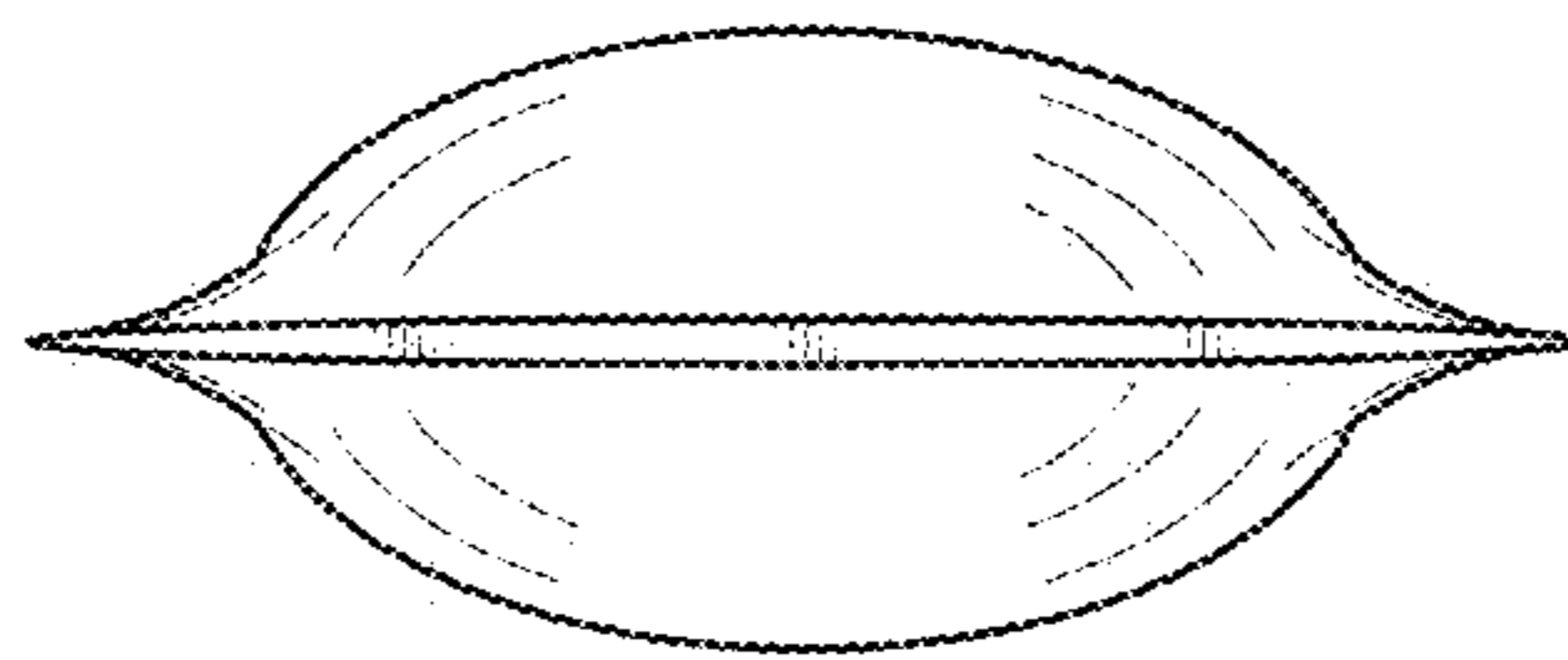


FIG. 3

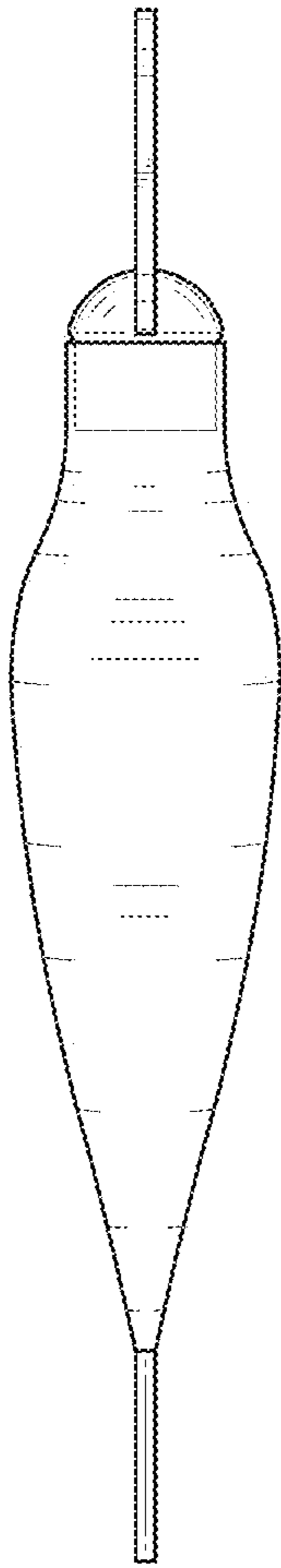


FIG. 4