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

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(54) **TISSUE MANIPULATION DEVICE**

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(US)

(**) Term: **15 Years**

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(51) **LOC (12) Cl.** **28-03**

(52) **U.S. Cl.**
USPC **D24/214**

(58) **Field of Classification Search**
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601/19, 22, 40, 46, 52, 63, 99, 110–113,
601/118, 119, 120, 121, 125, 128, 129,
601/DIG. 12, DIG. 14, DIG. 15, DIG. 16,
601/DIG. 17; D21/680, 681, 382, 384
CPC .. A61H 1/00; A61H 1/001; A61H 2015/0007;
A61H 2015/0042; A61H 2015/0014;
A61H 15/00; A61H 15/0092; A61H
37/00; A61H 11/00; A61H 21/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D241,869 S *	10/1976	Hilprecht	D21/713
D242,865 S *	12/1976	Stamm	D21/682
D278,040 S *	3/1985	Conley	D10/46
5,127,395 A *	7/1992	Bontemps	A61F 7/10
			601/118
D522,594 S *	6/2006	Donahue	D21/682
D522,595 S *	6/2006	Donahue	D21/682
D545,974 S *	7/2007	Nan	D11/121
D553,253 S *	10/2007	Gayne	D24/215
7,491,157 B1 *	2/2009	Lin	A63B 21/072
			482/108

D616,949 S *	6/2010	Wang	D21/682
7,762,933 B1 *	7/2010	Yu	A63B 21/075
			482/106
D654,971 S *	2/2012	Januszek	D21/682
D683,803 S *	6/2013	Childs	D21/681
D693,476 S *	11/2013	Spietz	D24/215
D715,177 S *	10/2014	Vaughan	D11/81
D731,667 S *	6/2015	Elenga	D24/215
D738,521 S *	9/2015	Matsuura	D24/215
D752,293 S *	3/2016	Lee	D28/93
D752,298 S *	3/2016	Stephens	D24/200
D789,461 S *	6/2017	Magloire	D21/682
D799,975 S *	10/2017	Anvaripour	D9/532
D811,019 S *	2/2018	Alton	D30/160
D827,735 S *	9/2018	Ross	D21/682

(Continued)

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(57) **CLAIM**

The ornamental design for a tissue manipulation device, as shown described.

DESCRIPTION

FIG. 1 is an isometric view of a tissue manipulation device with a round, globular portion and an arcuate portion that extends from the globular portion, in particular, the ornamental design thereof.

FIG. 2 is a rear elevation view of the tissue manipulation device of FIG. 1.

FIG. 3 is a front elevation view of the tissue manipulation device of FIG. 1.

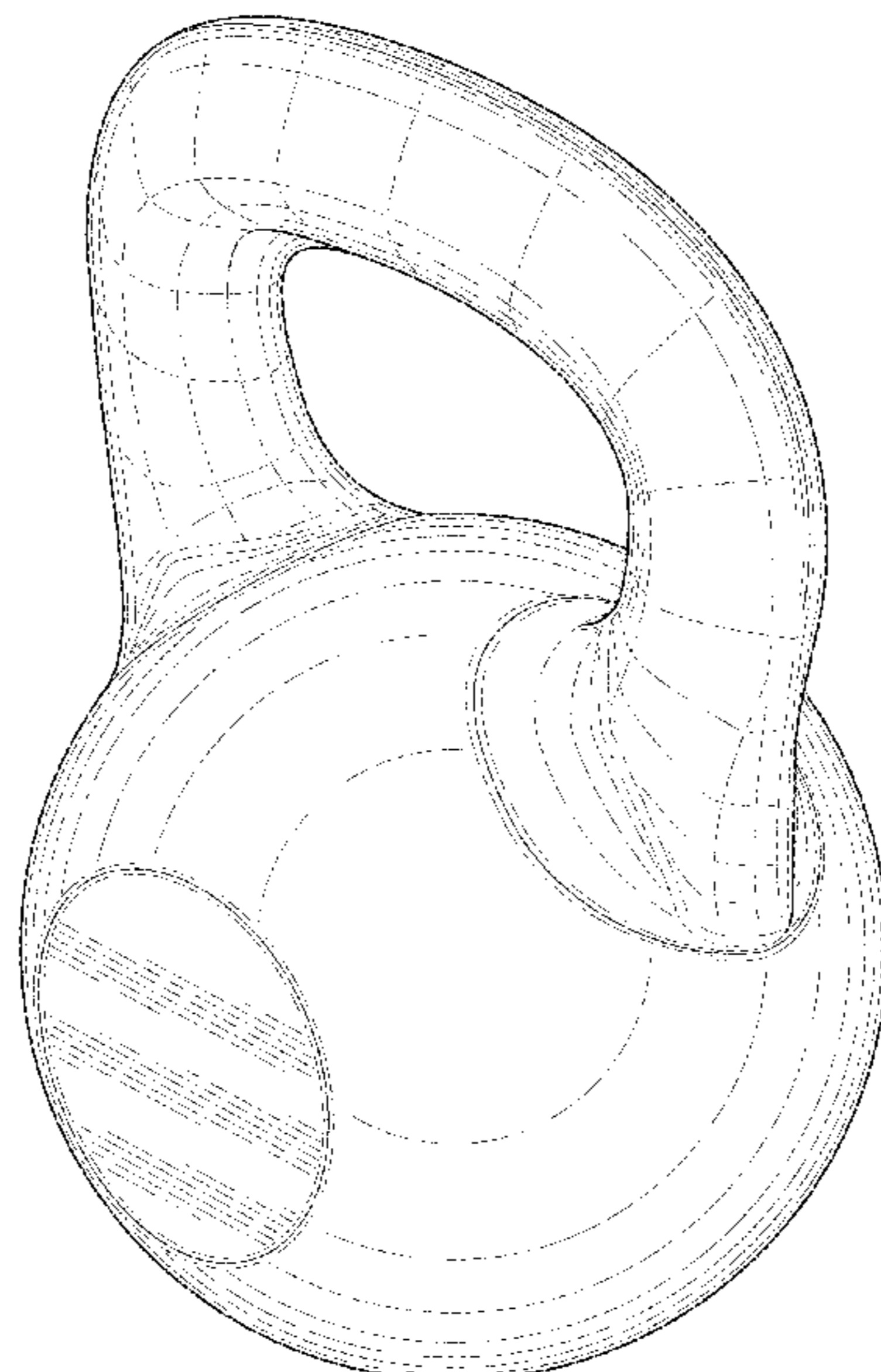
FIG. 4 is a right side view of the tissue manipulation device of FIG. 1.

FIG. 5 is a left side view of the tissue manipulation device of FIG. 1.

FIG. 6 is a top plan view of the tissue manipulation device of FIG. 1; and,

FIG. 7 is a bottom plan view of the tissue manipulation device of FIG. 1.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D843,508 S * 3/2019 Pawlas A63B 21/0728
D21/680
D850,640 S * 6/2019 Wersland D24/211
D859,680 S * 9/2019 Wersland D24/211
2003/0060346 A1 * 3/2003 Wu A63B 21/06
482/108
2007/0135274 A1 * 6/2007 Blateri A63B 21/075
482/109
2010/0048362 A1 * 2/2010 Liford A63B 21/072
482/93
2010/0248910 A1 * 9/2010 DiLuglio A63B 21/0602
482/93
2010/0255960 A1 * 10/2010 Kessler A63B 21/072
482/93
2011/0263392 A1 * 10/2011 Yu A63B 21/072
482/93
2012/0231936 A1 * 9/2012 Krull A63B 21/00065
482/93
2012/0322631 A1 * 12/2012 Januszek A63B 21/072
482/108
2013/0244843 A1 * 9/2013 Burwell A63B 21/075
482/108
2013/0337980 A1 * 12/2013 Himmelrick A63B 21/072
482/108
2014/0336021 A1 * 11/2014 Jones A63B 22/0046
482/132
2017/0259106 A1 * 9/2017 Pawlas A63B 21/4035

* cited by examiner

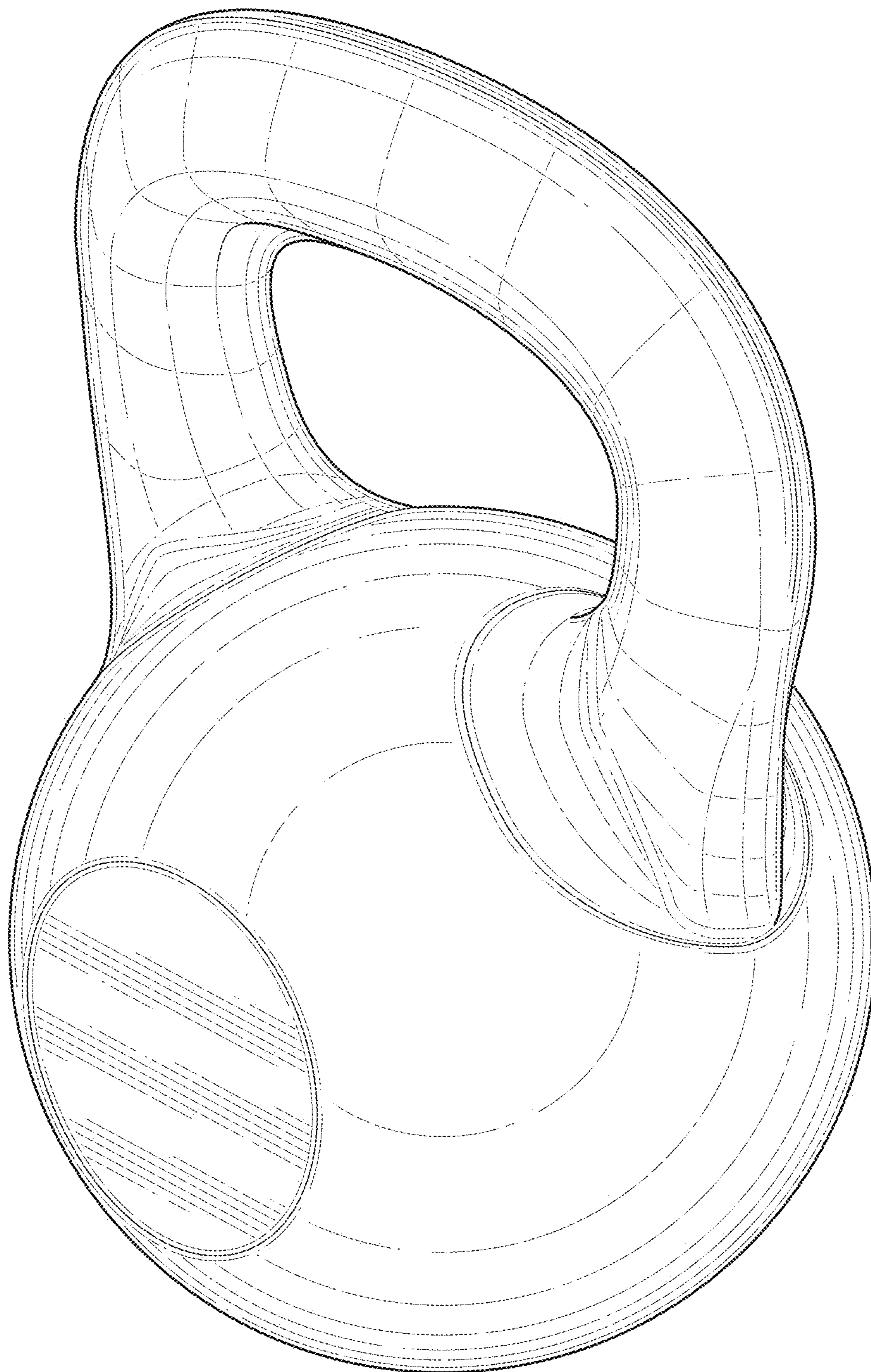


FIG. 1

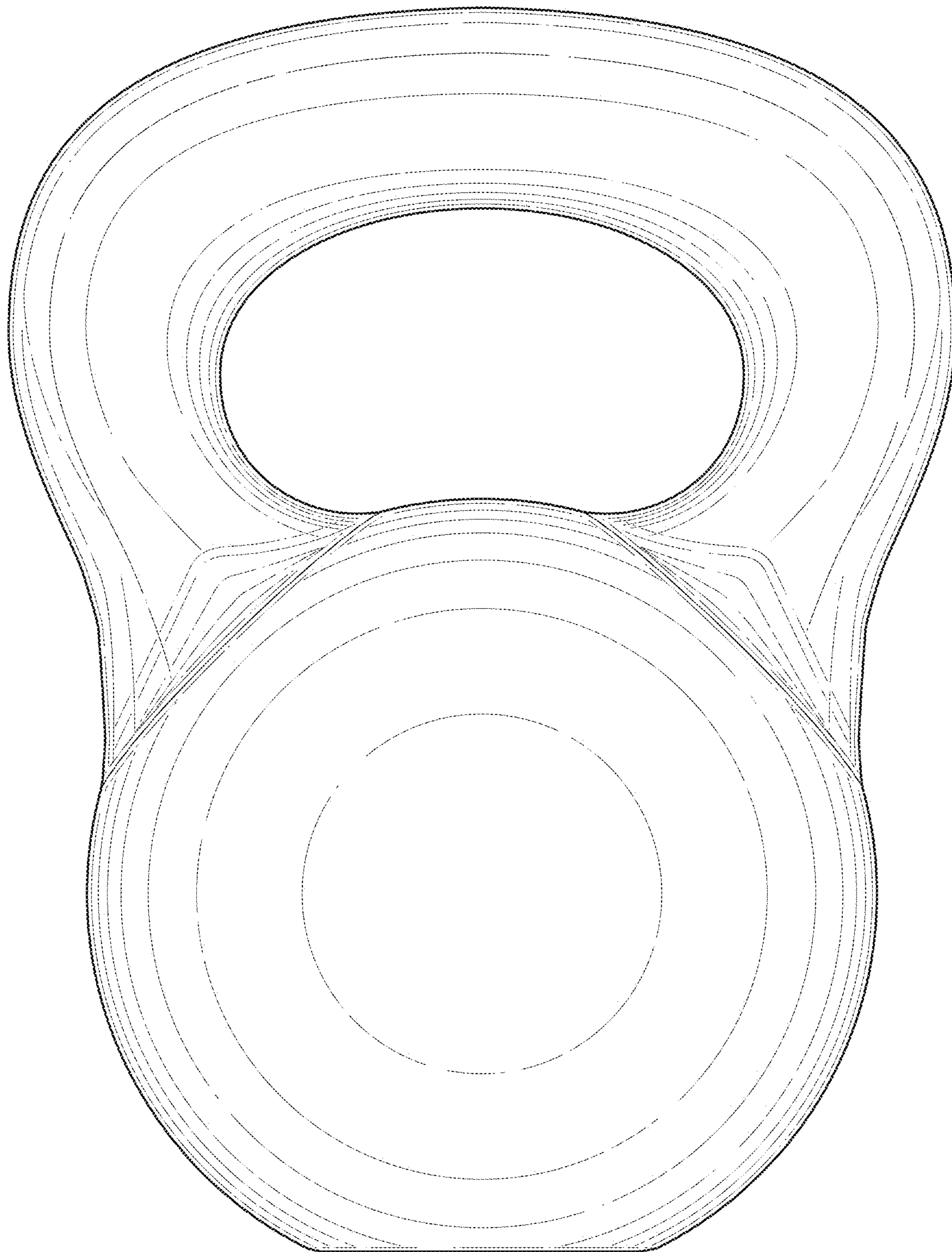


FIG. 2

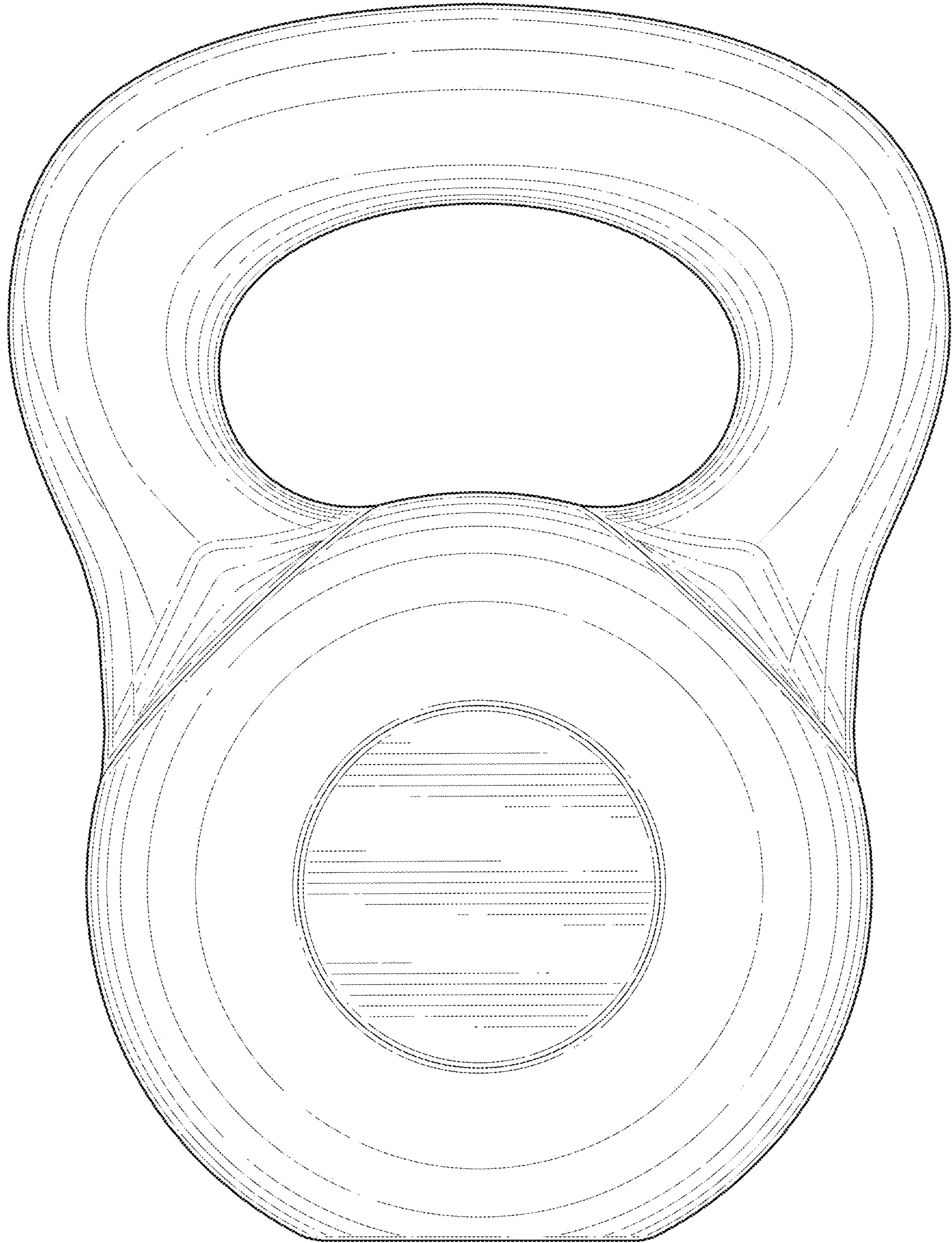


FIG. 3

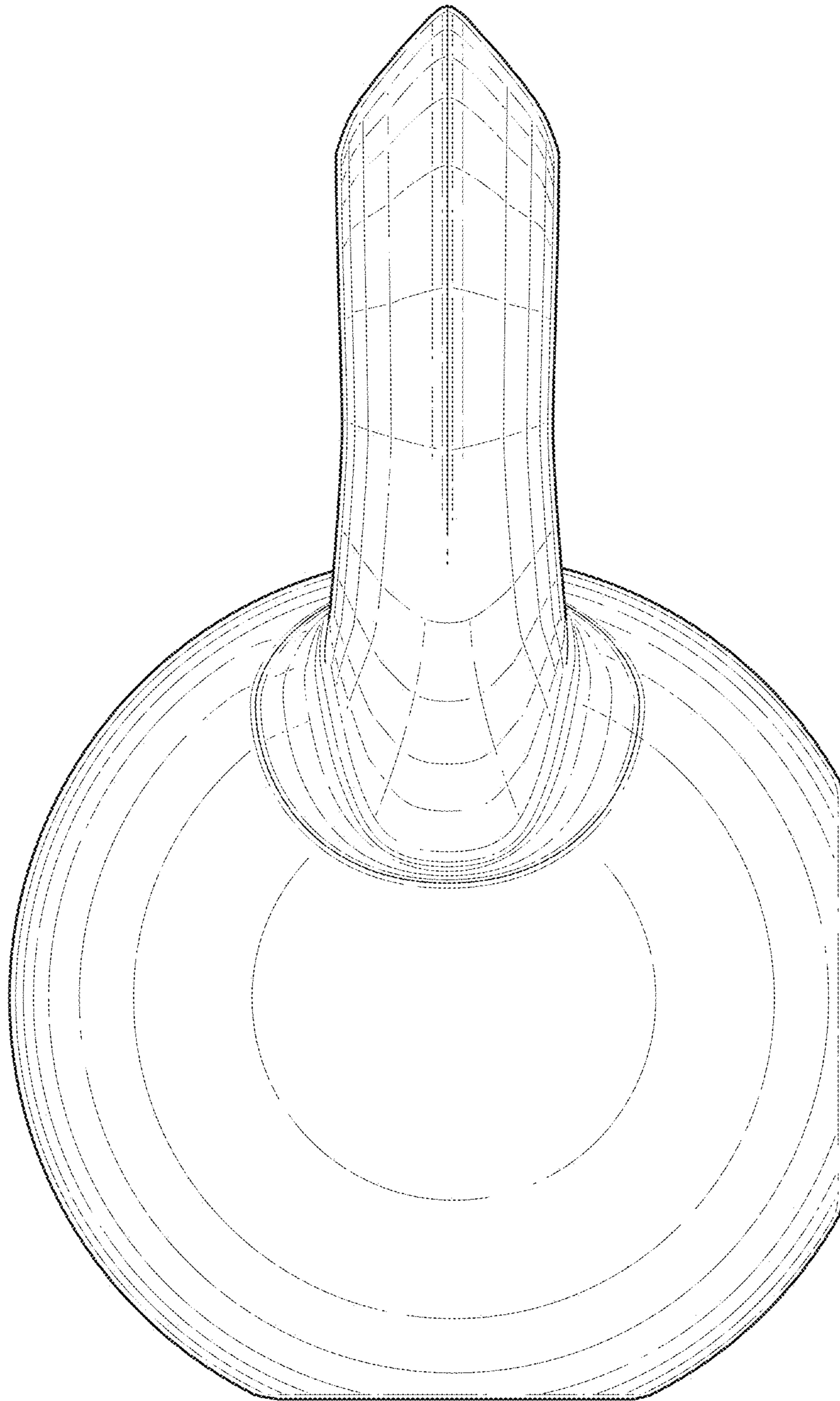


FIG. 4

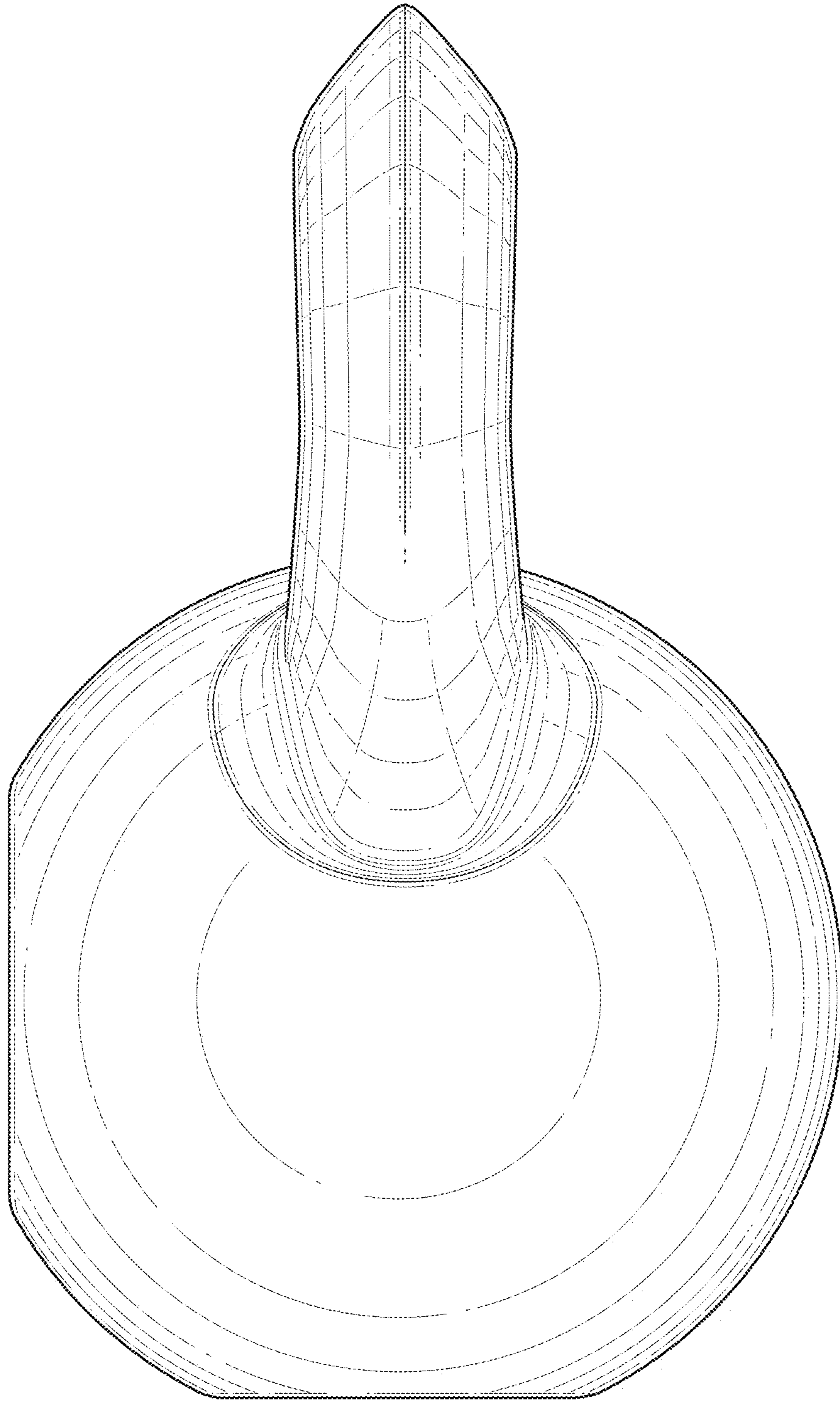


FIG. 5

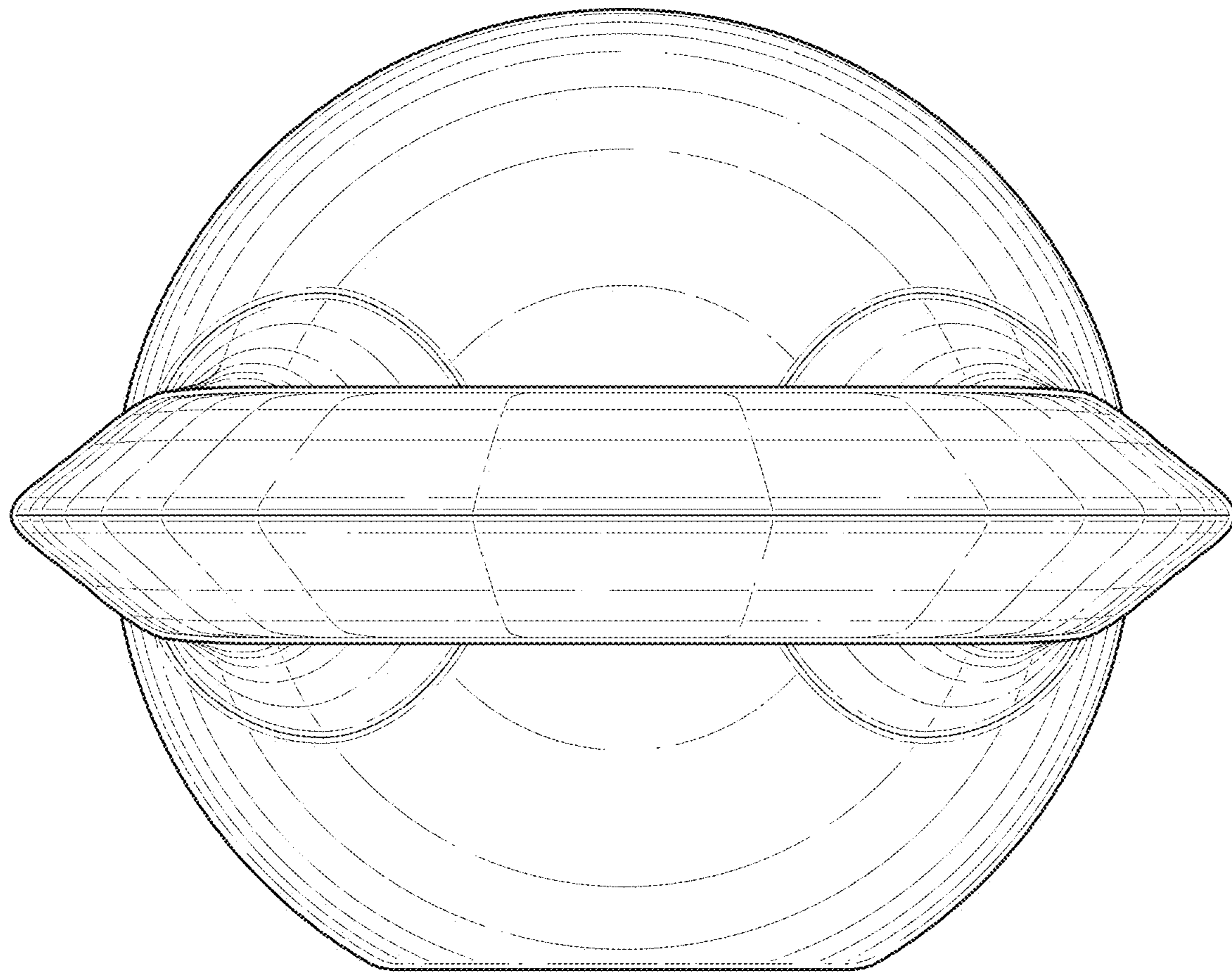


FIG. 6

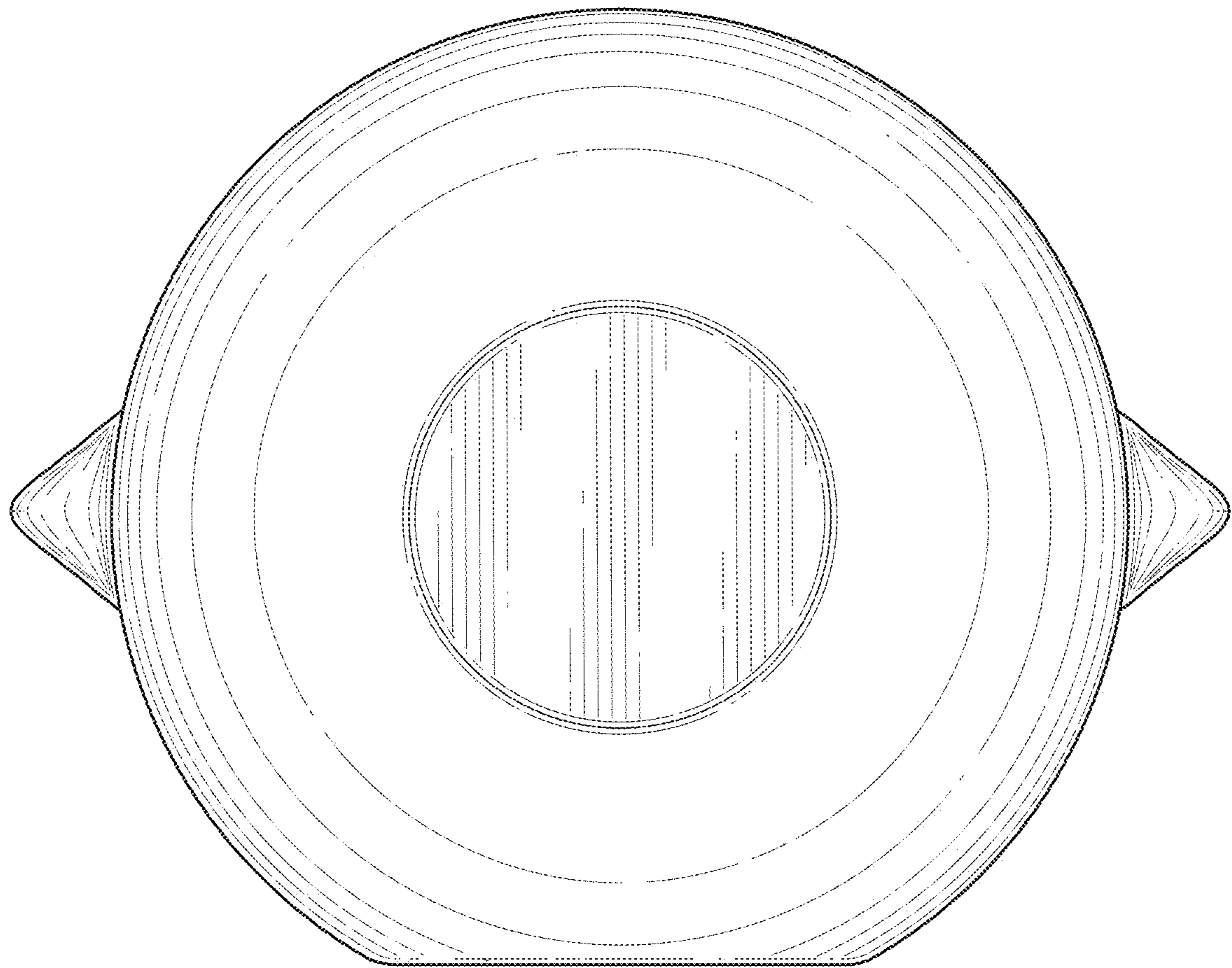


FIG. 7