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(12) **United States Design Patent** (10) **Patent No.:** **US D892,866 S**  
**Chen** (45) **Date of Patent:** **\*\* Aug. 11, 2020**

(54) **AIR PUMP**

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(52) **U.S. Cl.**  
USPC ..... **D15/7**

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D28/9, 57, 62, 91.1, 99  
CPC .. E03B 5/00; B05B 11/00; B05B 7/00; A45D  
44/02; F04B 35/06  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D267,629 S *	1/1983	Hasegawa	.....	D9/504
D289,858 S *	5/1987	Duval	.....	D23/366
D422,602 S *	4/2000	Poon	.....	D15/7
D537,721 S *	3/2007	Kertels	.....	D9/449
D580,708 S *	11/2008	George	.....	D7/509
D589,984 S *	4/2009	Roesler	.....	D15/7
D593,365 S *	6/2009	Miller	.....	D7/510
D622,547 S *	8/2010	Carreno	.....	D7/510
D634,417 S *	3/2011	Abbondanzio	.....	D23/366
D658,072 S *	4/2012	Davis	.....	D9/689
D663,746 S *	7/2012	Kwon	.....	D15/7
D691,253 S *	10/2013	Chen	.....	D23/366
D729,581 S *	5/2015	Boroski	.....	D7/510
D732,338 S *	6/2015	Boroski	.....	D7/507
D742,699 S *	11/2015	Boroski	.....	D7/608

D764,650 S *	8/2016	Sanders	.....	D23/366
D788,897 S *	6/2017	Lee	.....	D23/356
D800,787 S *	10/2017	Lahav	.....	D15/7
D809,856 S *	2/2018	Winn	.....	D7/392.1
D818,004 S *	5/2018	Lee	.....	D15/7
D821,815 S *	7/2018	Chung	.....	D7/510

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN	305546967	*	1/2020
JP	D1641237	*	9/2019

**OTHER PUBLICATIONS**

Alibaba.com, Wholesale cordless airbrush [online], [site visited Apr. 15, 2020]. Available on Alibaba.com, URL: <https://www.alibaba.com/product-detail/Wholesale-cordless-airbrush-for-cake-decorating\_60826793390.html?spm=a2700.details.deiletai6.5.6e5947fcwCTgvk&fullFirstScreen=true> (2020) (Year: 2020).\*

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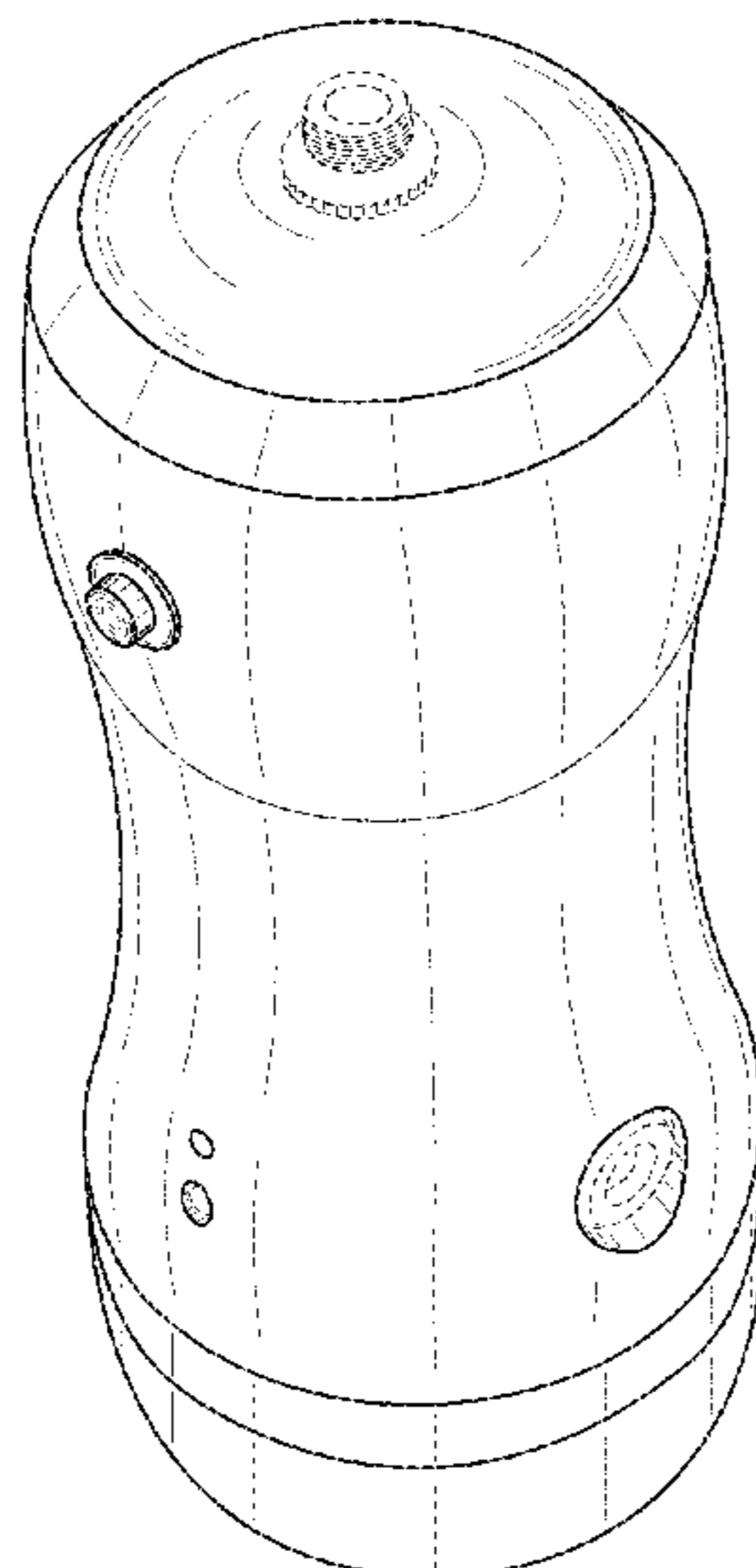
(57) **CLAIM**

The ornamental design for an air pump, as shown and described.

**DESCRIPTION**

FIG. 1 is a Perspective view of an air pump showing my new design;  
FIG. 2 is a Front elevational view thereof;  
FIG. 3 is a Rear elevational view thereof;  
FIG. 4 is a Right side view thereof;  
FIG. 5 is a Left side view thereof;  
FIG. 6 is a Top plan view thereof; and,  
FIG. 7 is a Bottom plan view thereof.  
The broken lines in the drawing depict portions of the air pump that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D828,079 S \* 9/2018 Winn ..... A47G 19/2272  
D7/376  
D830,127 S \* 10/2018 Rohe ..... D7/510  
D831,434 S \* 10/2018 Washburn ..... D7/608  
D834,620 S \* 11/2018 Neir ..... B60C 29/068  
D15/7  
D839,923 S \* 2/2019 Hariri ..... D15/8  
D845,074 S \* 4/2019 Gluck ..... D7/510  
D852,939 S \* 7/2019 Jonsson ..... D23/366  
D858,212 S \* 9/2019 Hewitt ..... D7/608  
D879,933 S \* 3/2020 Nanda ..... D23/366  
D881,365 S \* 4/2020 Mecker ..... D23/366  
D883,041 S \* 5/2020 Park ..... D7/608  
2002/0108965 A1 \* 8/2002 Hill ..... A45D 44/02  
222/54  
2012/0067977 A1 \* 3/2012 Spiegel ..... B05B 7/068  
239/337  
2017/0020781 A1 \* 1/2017 Tang ..... A61M 35/00  
2019/0127098 A1 \* 5/2019 Chang ..... F04B 37/14  
2019/0210048 A1 \* 7/2019 Park ..... B05B 11/0032

\* cited by examiner

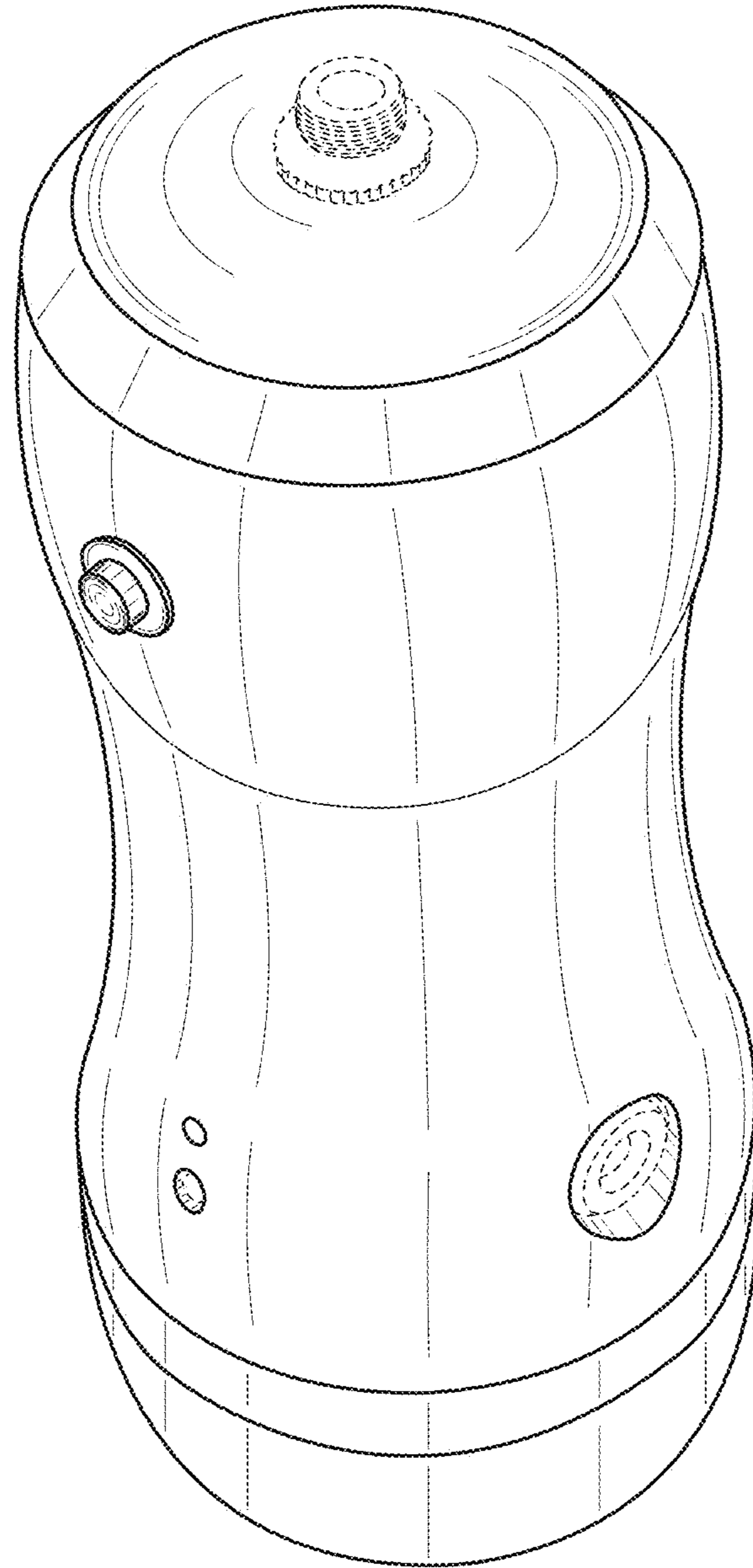


FIG. 1

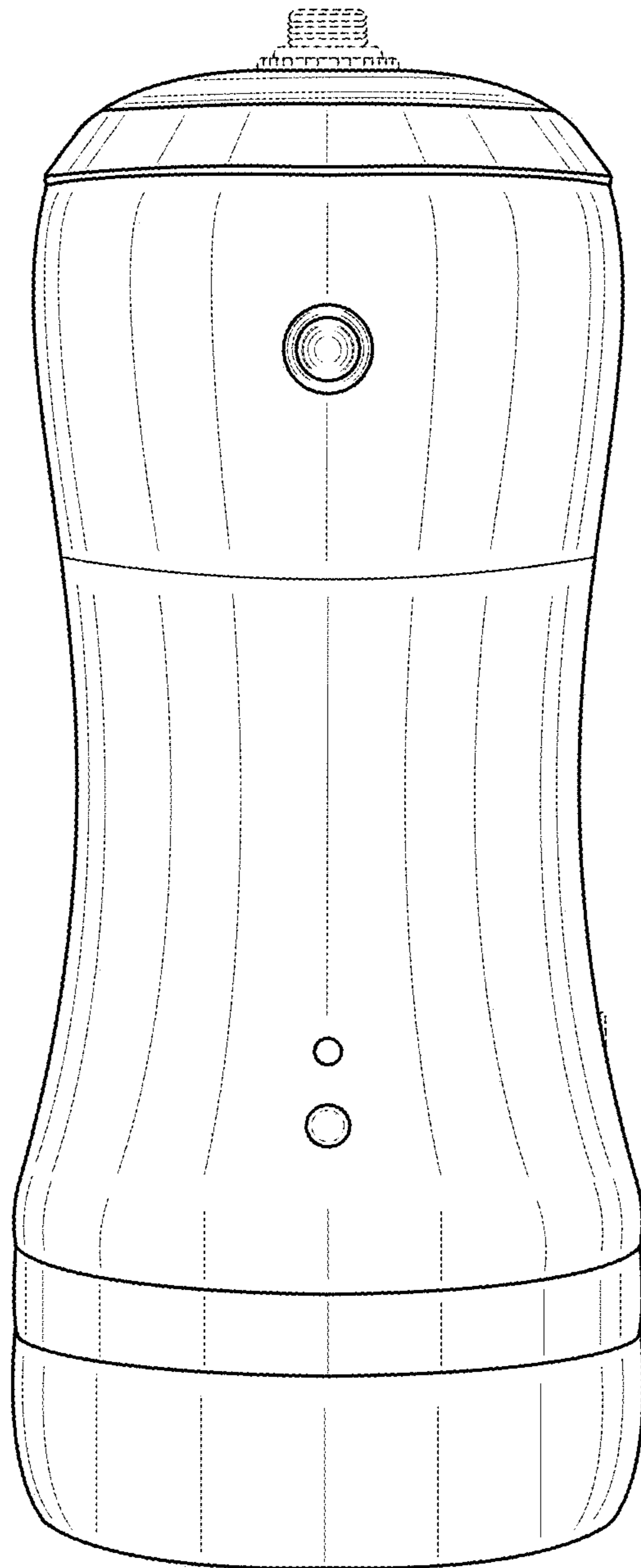


FIG. 2

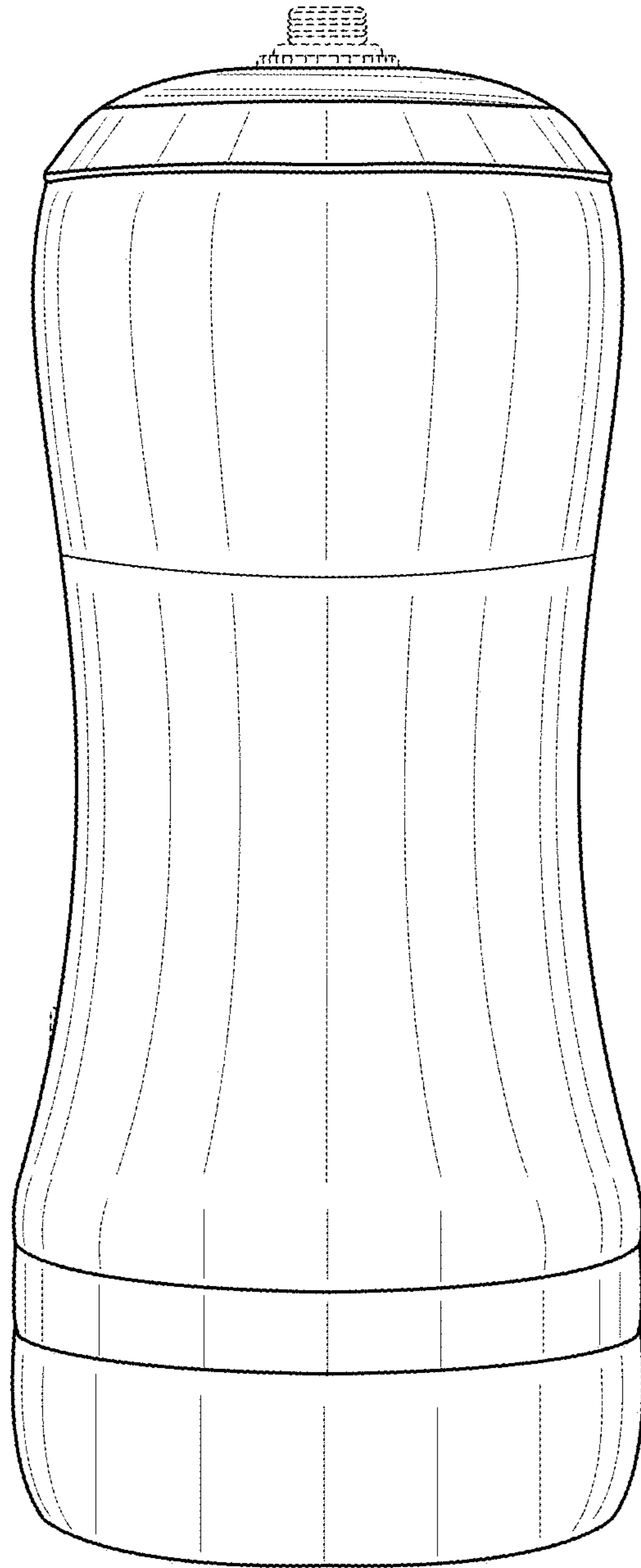


FIG. 3

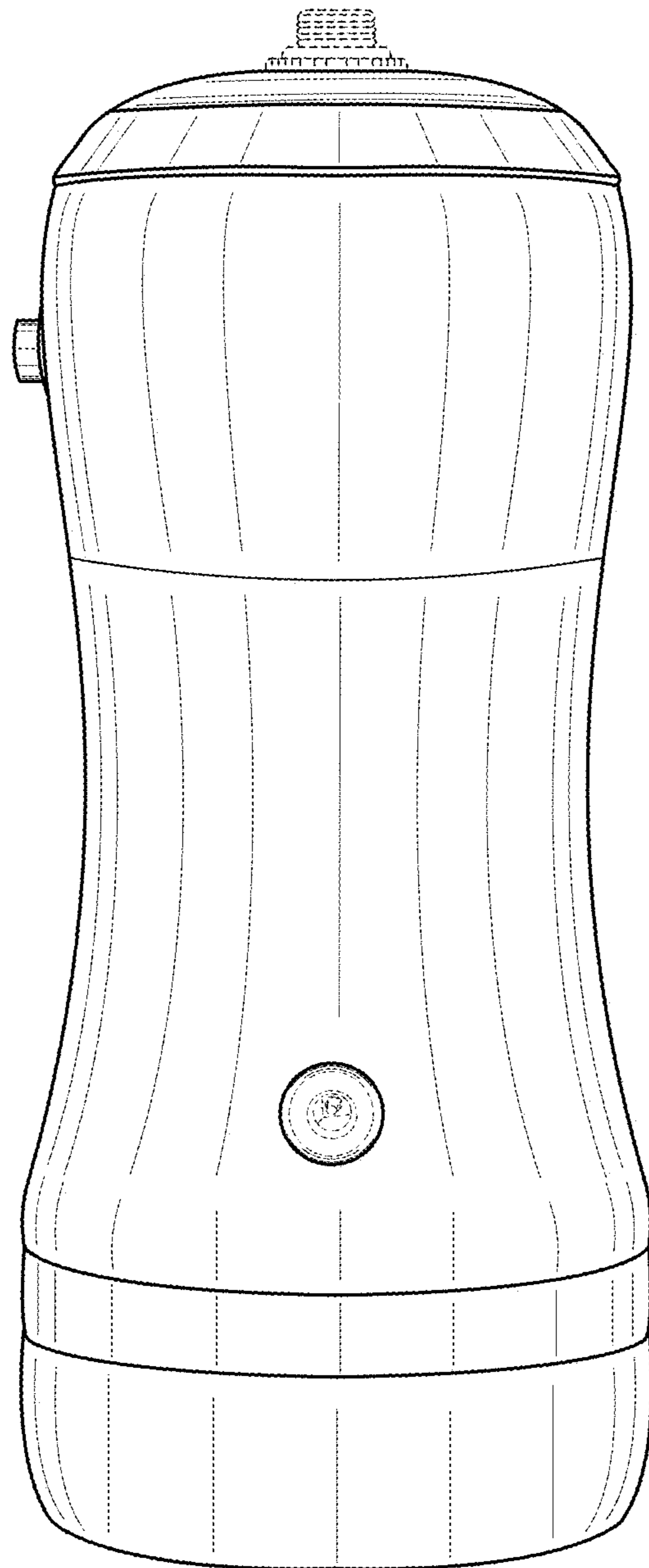


FIG. 4

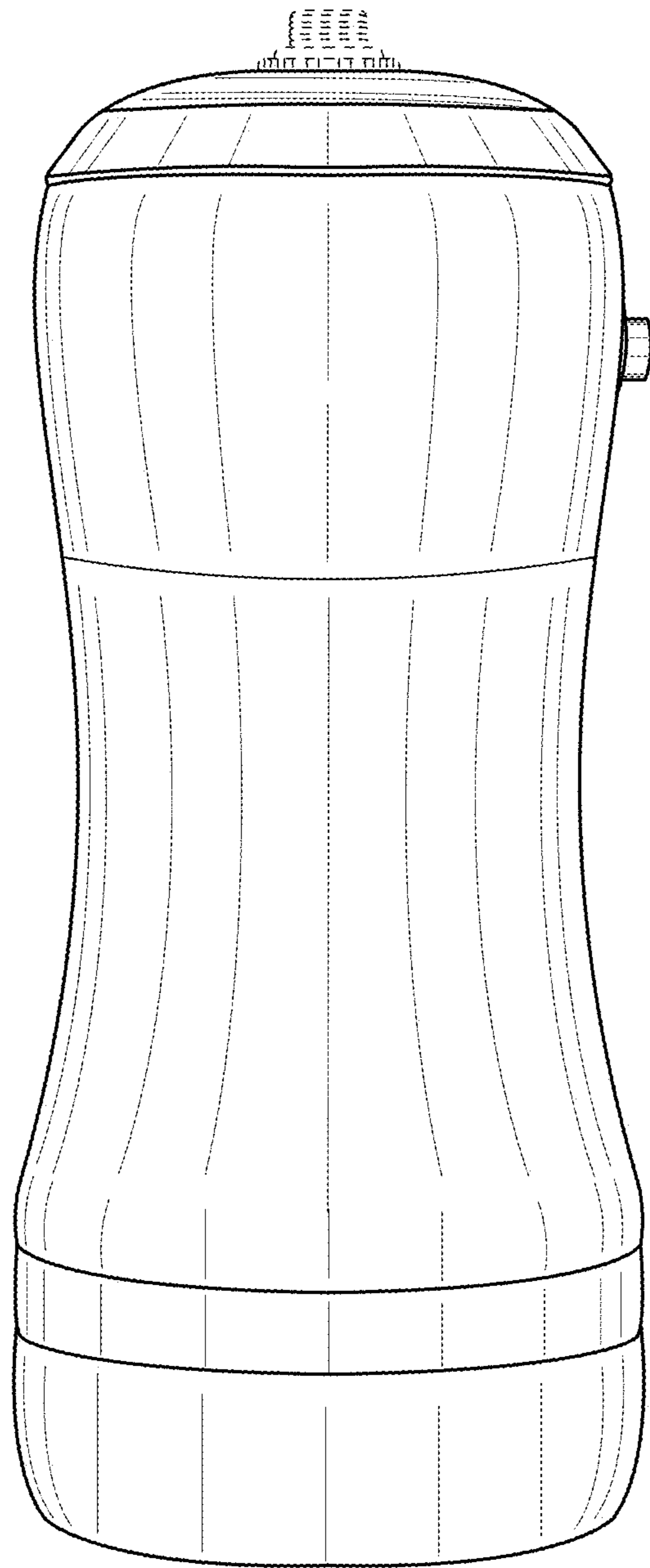


FIG. 5

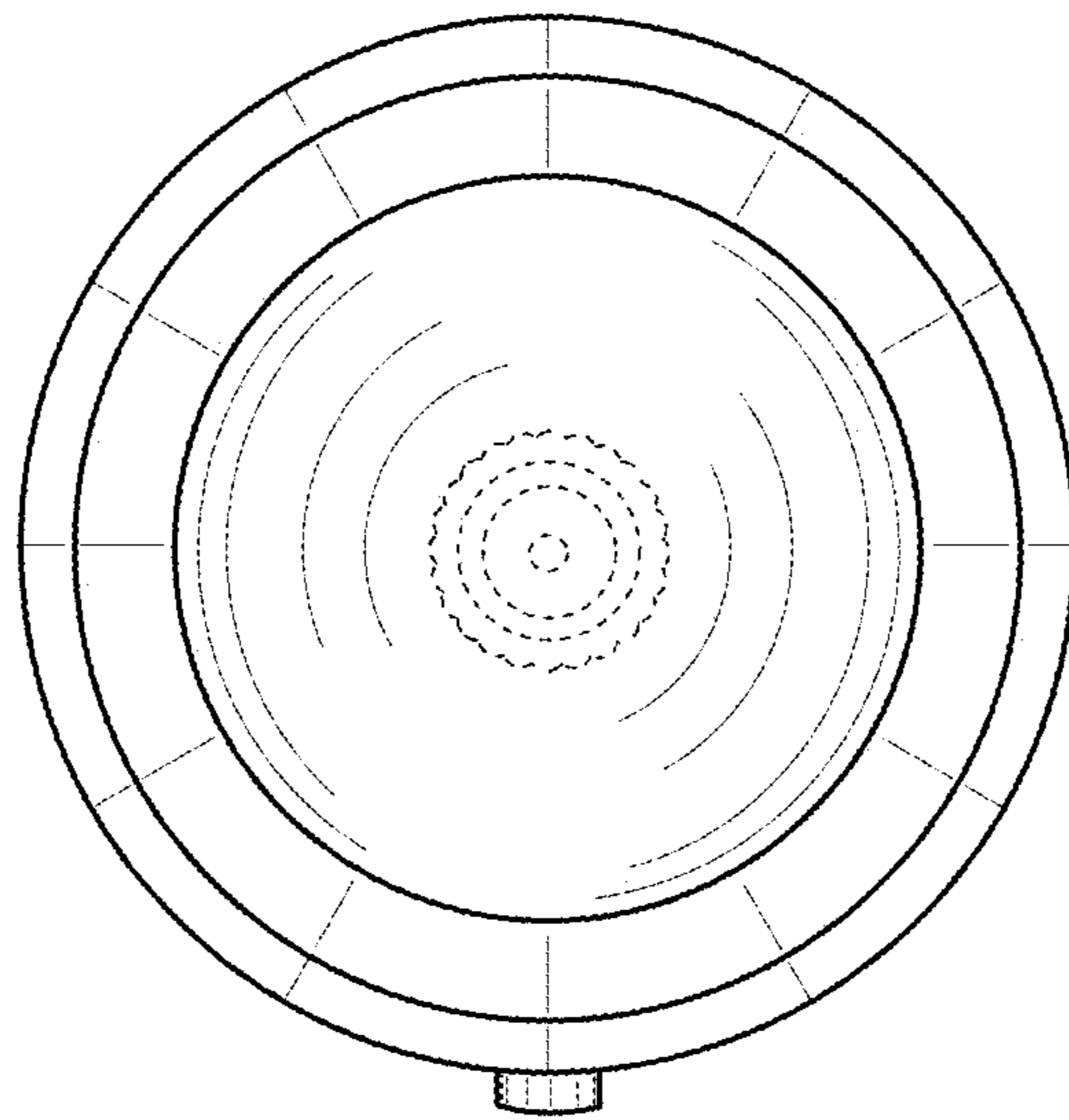


FIG. 6

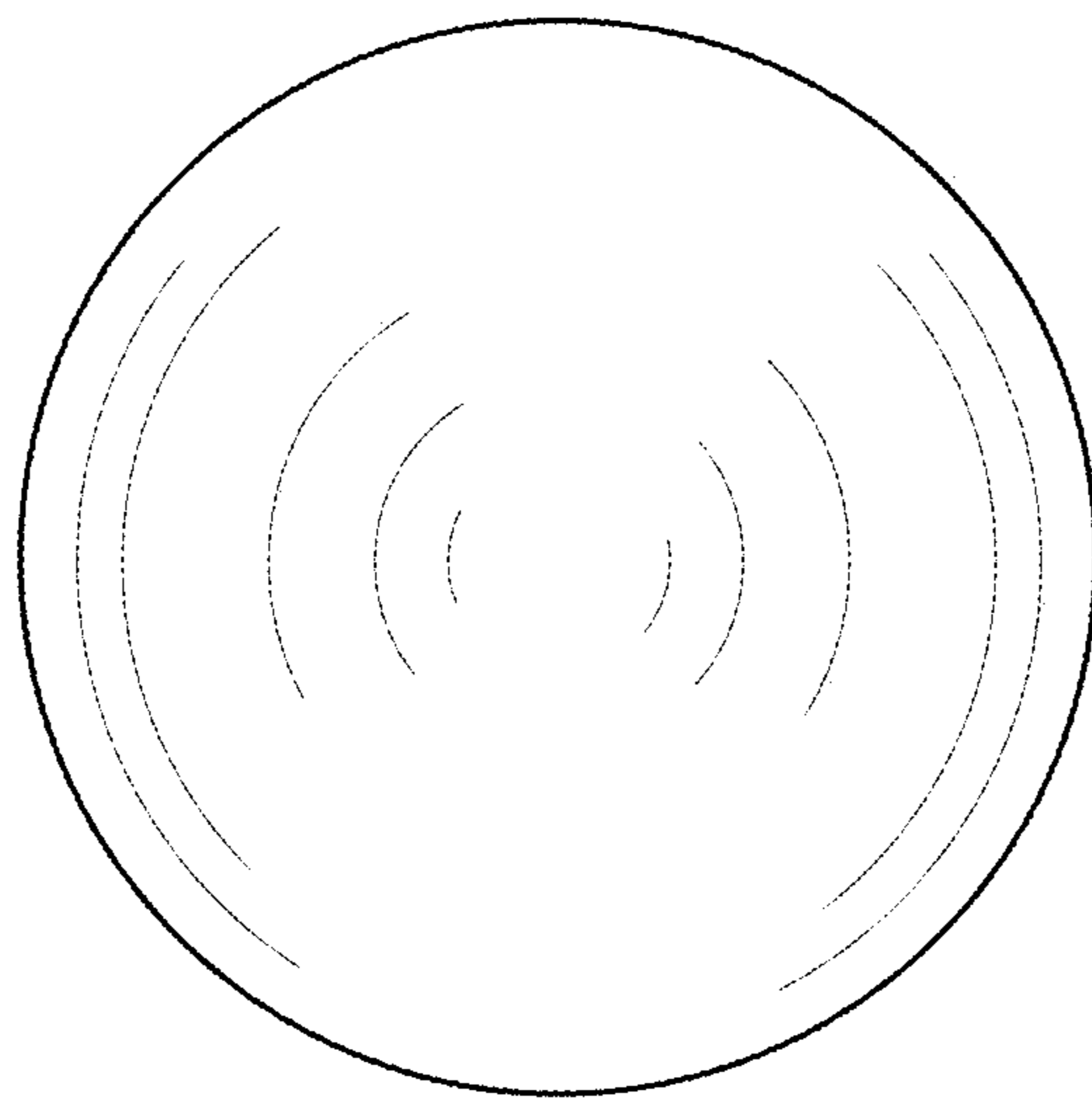


FIG. 7