



US00D924056S

(12) **United States Design Patent** (10) **Patent No.:** **US D924,056 S**  
**Hoffman et al.** (45) **Date of Patent:** **\*\* Jul. 6, 2021**

(54) **REFILL BOTTLE**  
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(\*\*) Term: **15 Years**  
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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
USPC ..... D9/434, 500, 502-503, 516, 549, 550,  
D9/557-558, 715, 719; D23/362, 366  
CPC ..... B65D 1/00; B65D 1/02; B65D 1/0223;  
B65D 23/00; B65D 81/00; B65D  
2501/00; B65D 2501/0009  
See application file for complete search history.

D630,946 S \* 1/2011 Crawford ..... D9/516  
D656,599 S 3/2012 Browder  
D663,215 S \* 7/2012 Clay ..... D9/552  
D667,101 S 9/2012 Browder  
D673,253 S 12/2012 Mack  
(Continued)

FOREIGN PATENT DOCUMENTS

CN 1177636 4/1998  
CN 1642827 7/2005  
(Continued)

OTHER PUBLICATIONS

International Search Report and the Written Opinion dated Jul. 3,  
2019 From the International Searching Authority Re. Application  
No. PCT/IB2019/052014. (16 Pages).  
(Continued)

*Primary Examiner* — Dana Meyrow

(57) **CLAIM**

The ornamental design for a refill bottle, as shown and  
described.

**DESCRIPTION**

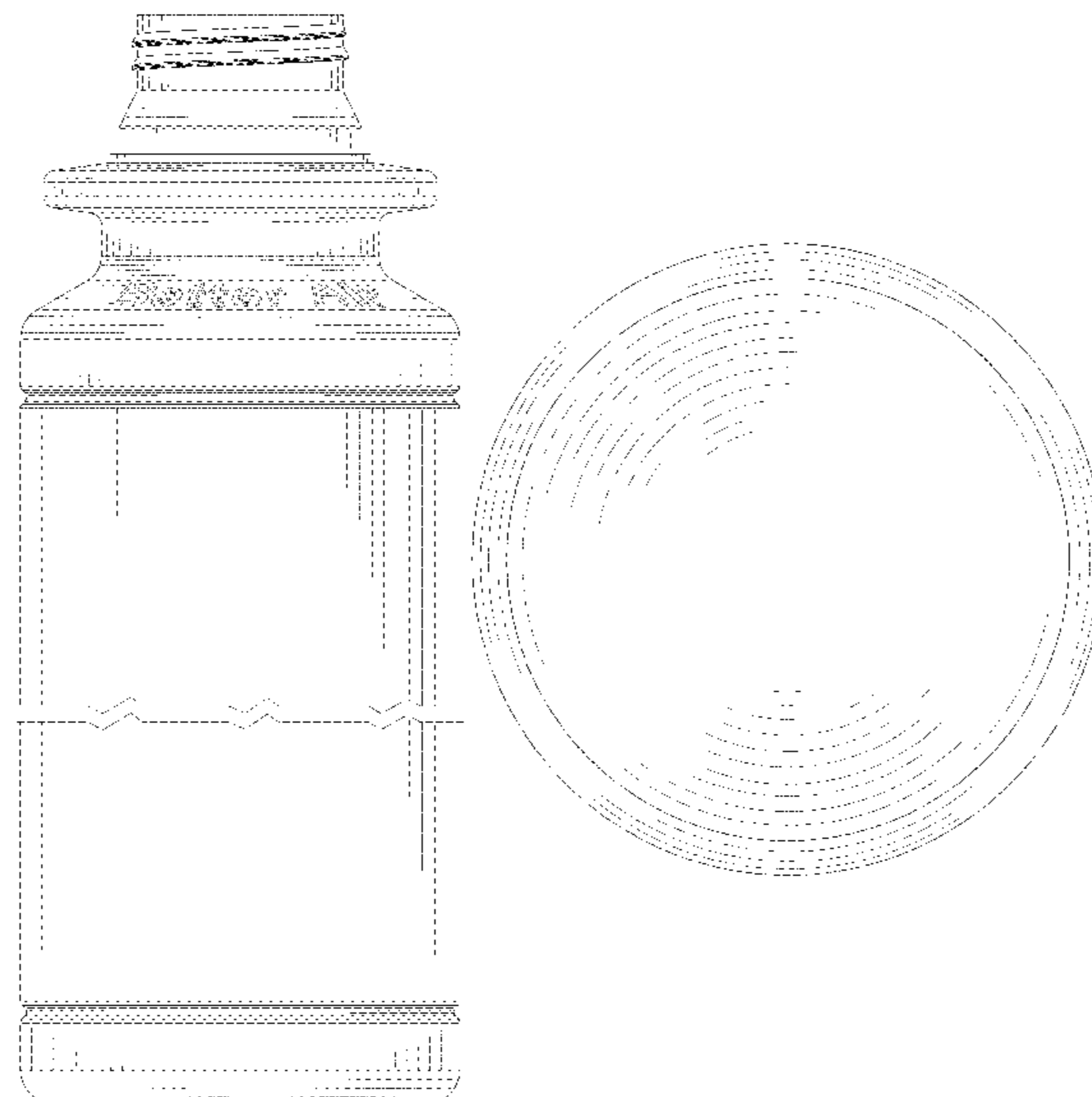
FIG. 1 is a side perspective view of a refill bottle showing  
my new design;  
FIG. 2 is a front view of the refill bottle thereof;  
FIG. 3 is a side view of the refill bottle thereof;  
FIG. 4 is a side cross-section of FIG. 3;  
FIG. 5 is a top view of the refill bottle thereof; and,  
FIG. 6 is a bottom view the refill bottle thereof.  
The broken lines in the drawings showing the raised letters  
on the bottle shoulder illustrate the portions of the refill  
bottle that form no part of the claimed design. The lines  
showing a break in the sidewall of the refill bottle in FIGS.  
1-4 and space between those break lines form no part of the  
claimed design.

**1 Claim, 6 Drawing Sheets**

(56) **References Cited**

U.S. PATENT DOCUMENTS

D221,836 S \* 9/1971 Giles et al. .... D9/500  
D239,922 S \* 5/1976 Utley ..... D9/500  
D250,394 S \* 11/1978 Menius ..... D9/502  
D279,452 S \* 7/1985 Beechuk ..... D9/500  
D284,362 S \* 6/1986 Biesecker ..... D9/500  
D309,711 S \* 8/1990 Biesecker ..... D9/500  
D376,760 S \* 12/1996 Sykes ..... D9/500  
D433,336 S \* 11/2000 Weber ..... D9/538  
6,405,944 B1 6/2002 Benalikhoudja  
D472,471 S \* 4/2003 McClure ..... D9/537  
D473,143 S \* 4/2003 McClure ..... D9/537  
D489,992 S \* 5/2004 Brauner ..... D9/500  
D571,662 S \* 6/2008 Clark ..... D9/500



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D678,496	S	3/2013	Browder	
8,986,610	B2	3/2015	Ben Haim	
D805,909	S *	12/2017	Matsuiishi .....	D9/559
D875,532	S	2/2020	Lehaneur	
D879,613	S	3/2020	Lehaneur	
2003/0189066	A1	10/2003	Schiller	
2005/0160553	A1	7/2005	Gregory	
2007/0217945	A1	9/2007	Selander	
2009/0238716	A1	9/2009	Weening	
2009/0324815	A1	12/2009	Nielsen et al.	
2012/0152882	A1 *	6/2012	Tune .....	B65D 1/0223 215/40
2013/0068783	A1	3/2013	Gasper et al.	
2014/0263426	A1	9/2014	Gasper	
2017/0035925	A1	2/2017	Sevy	
2020/0405781	A1	12/2020	Holzapfel et al.	
2020/0407807	A1	12/2020	Holzapfel et al.	
2020/0407808	A1	12/2020	Holzapfel et al.	
2020/0407809	A1	12/2020	Holzapfel et al.	
2021/0046256	A1	2/2021	Hoffman et al.	
2021/0046497	A1	2/2021	Hoffman et al.	

FOREIGN PATENT DOCUMENTS

CN	1934241	3/2007
CN	103703121	4/2014
CN	303340433 S	8/2015
KR	10-2014-0128870	11/2014
WO	WO 2019/175774	9/2019
WO	WO 2019/175775	9/2019

WO	WO 2019/175777	9/2019
WO	WO 2019/175780	9/2019
WO	WO 2019/175782	9/2019
WO	WO 2019/175782 A8	9/2019
WO	WO 2019/175783	9/2019
WO	WO 2019/224691	11/2019

OTHER PUBLICATIONS

International Search Report and the Written Opinion dated Jul. 3, 2019 From the International Searching Authority Re. Application No. PCT/IB2019/052017. (14 Pages).

Gu et al. "The Preventive Effect and Therapeutic Effect of Spraying Agent of Bacillus Pab02 on Respiratory Infection in Broilers", Proceedings of the 10th in the 4th National Academic Seminar and Animal Micro-Ecology Enterprise Development Forum, p. 450-458, Aug. 1, 2010.

Official Action dated Jun. 25, 2020 from the U.S. Appl. No. 29/653,164. (9 pages).

International Preliminary Report on Patentability dated Sep. 24, 2020 From the International Bureau of WIPO Re. Application No. PCT/IB2019/052010. (7 Pages).

Official Action dated Jun. 12, 2020 from the U.S. Appl. No. 29/640,032. (13 pages).

International Preliminary Report on Patentability dated Sep. 24, 2020 From the International Bureau of WIPO Re. Application No. PCT/IB2019/052007. (6 Pages).

International Preliminary Report on Patentability dated Dec. 3, 2020 From the International Bureau of WIPO Re. Application No. PCT/IB2019/054141. (9 Pages).

\* cited by examiner

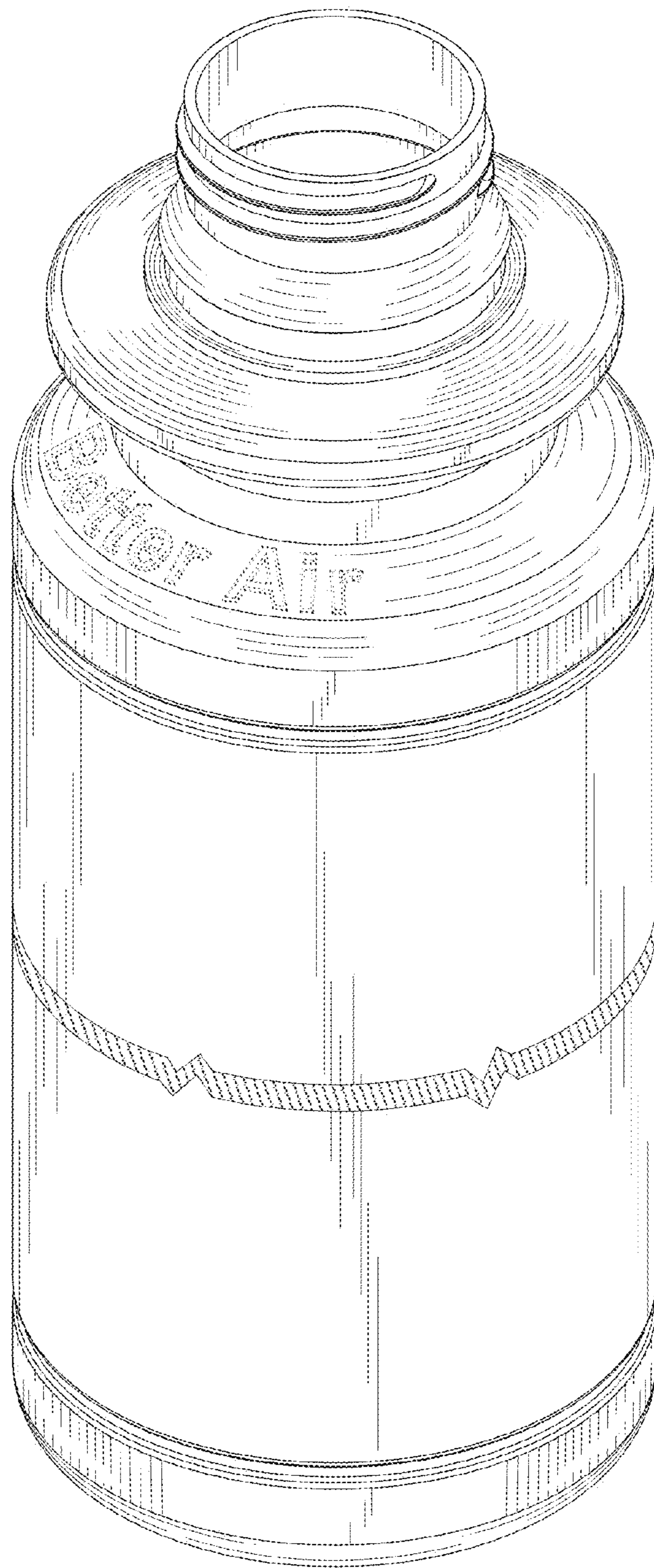


FIG. 1

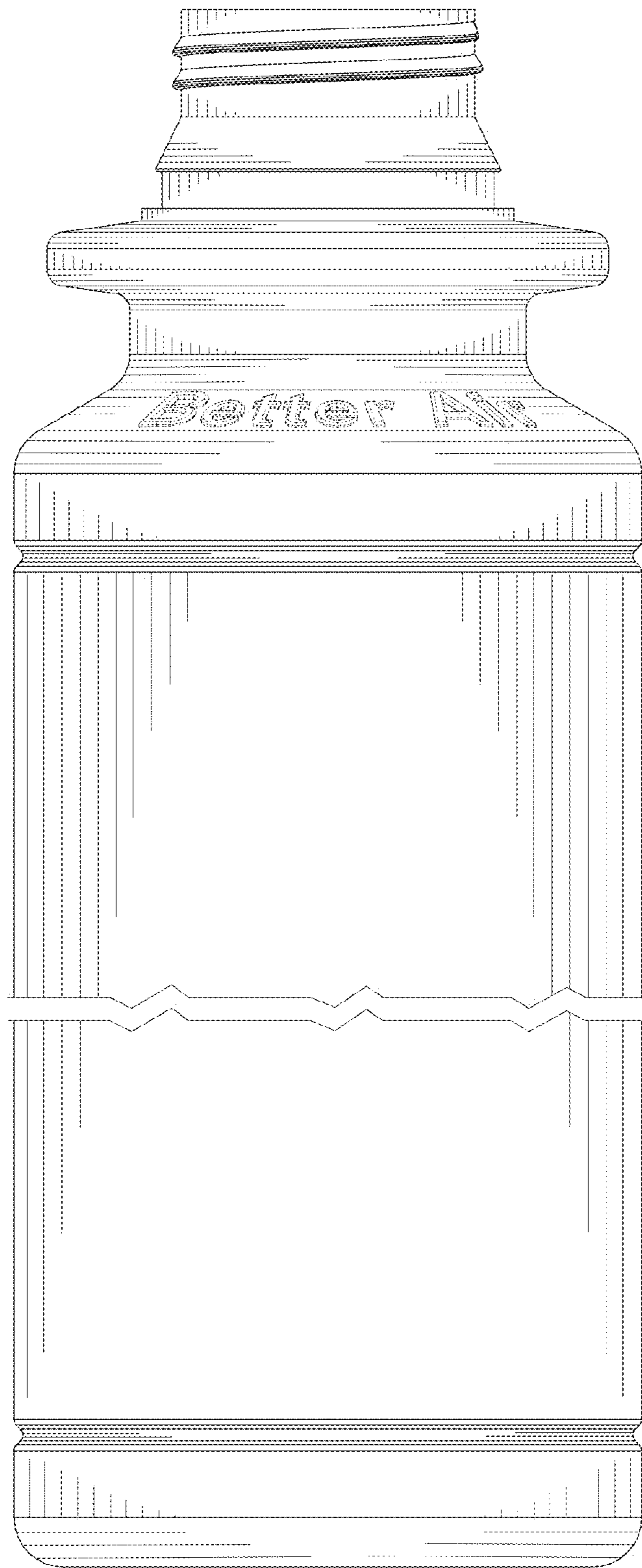


FIG. 2

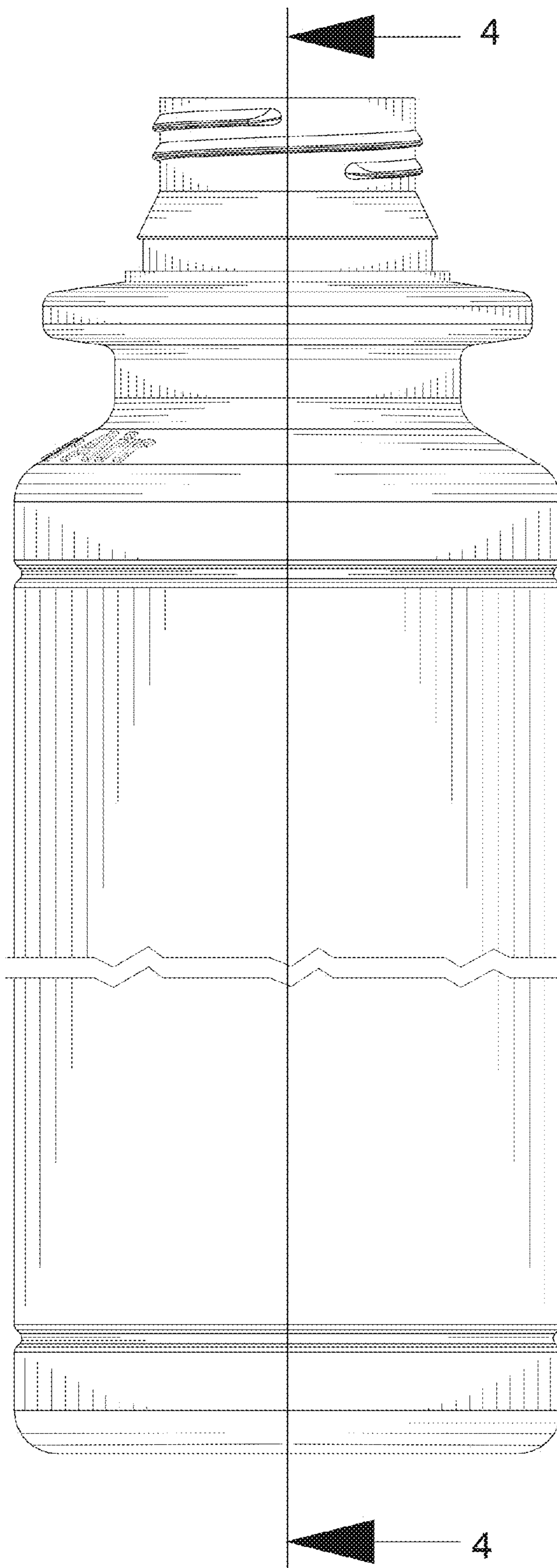


FIG. 3

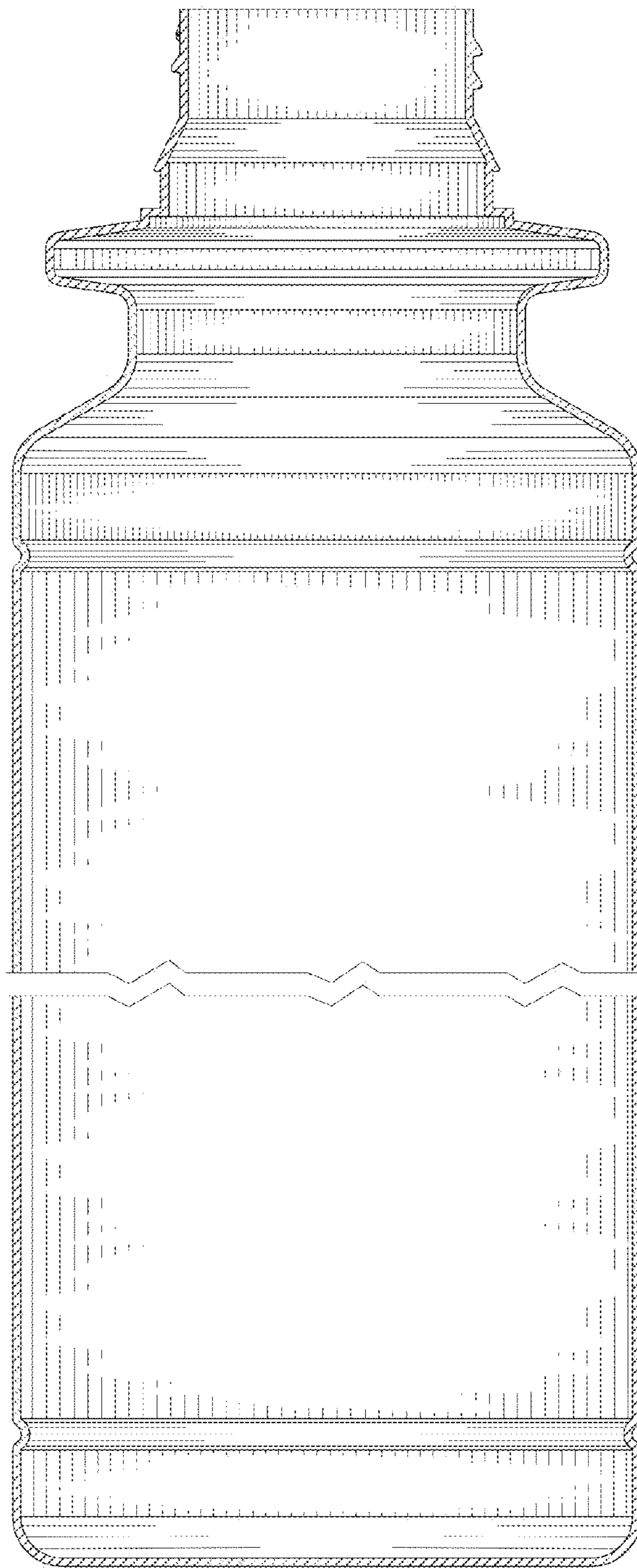


FIG. 4

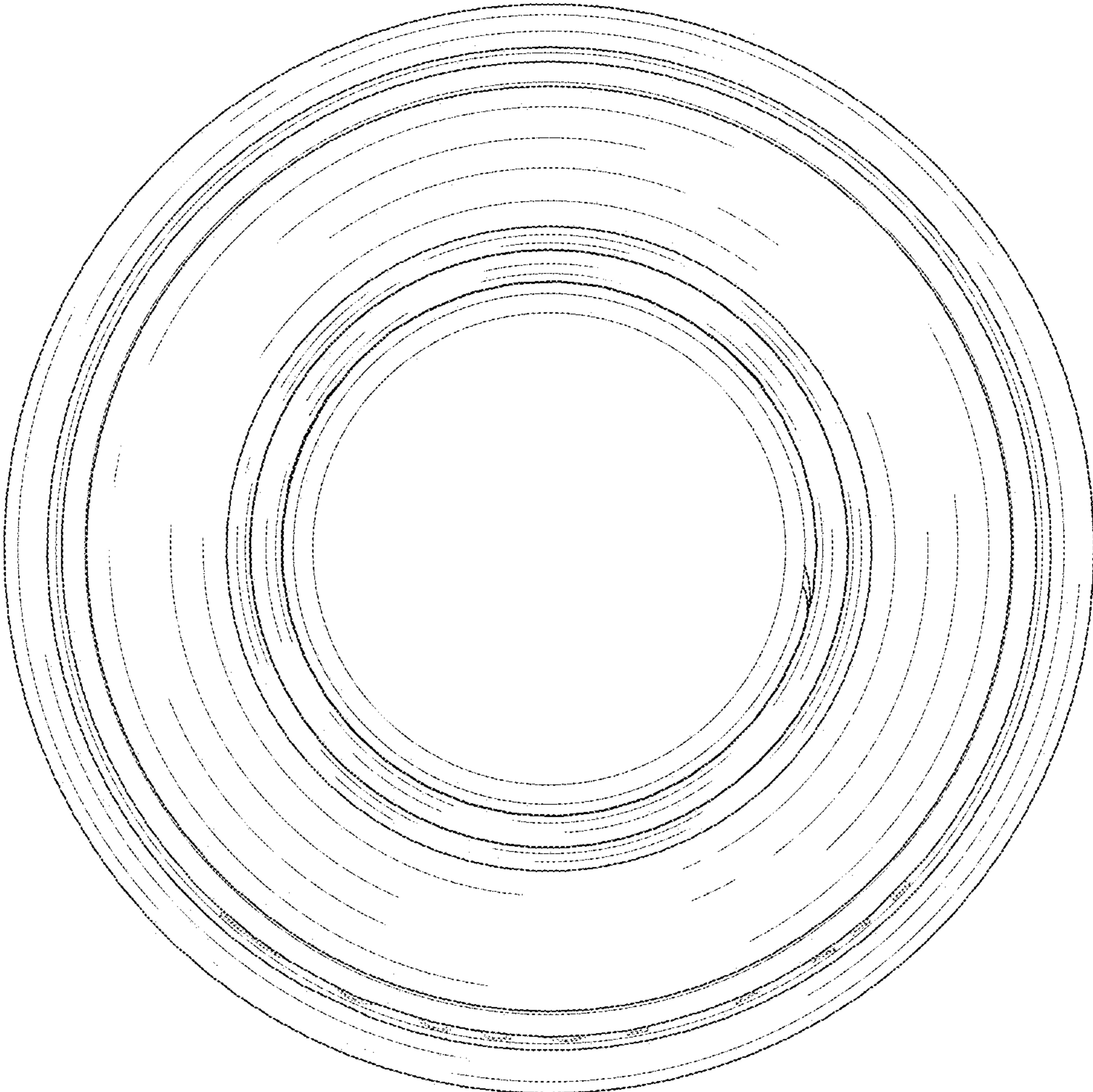


FIG. 5

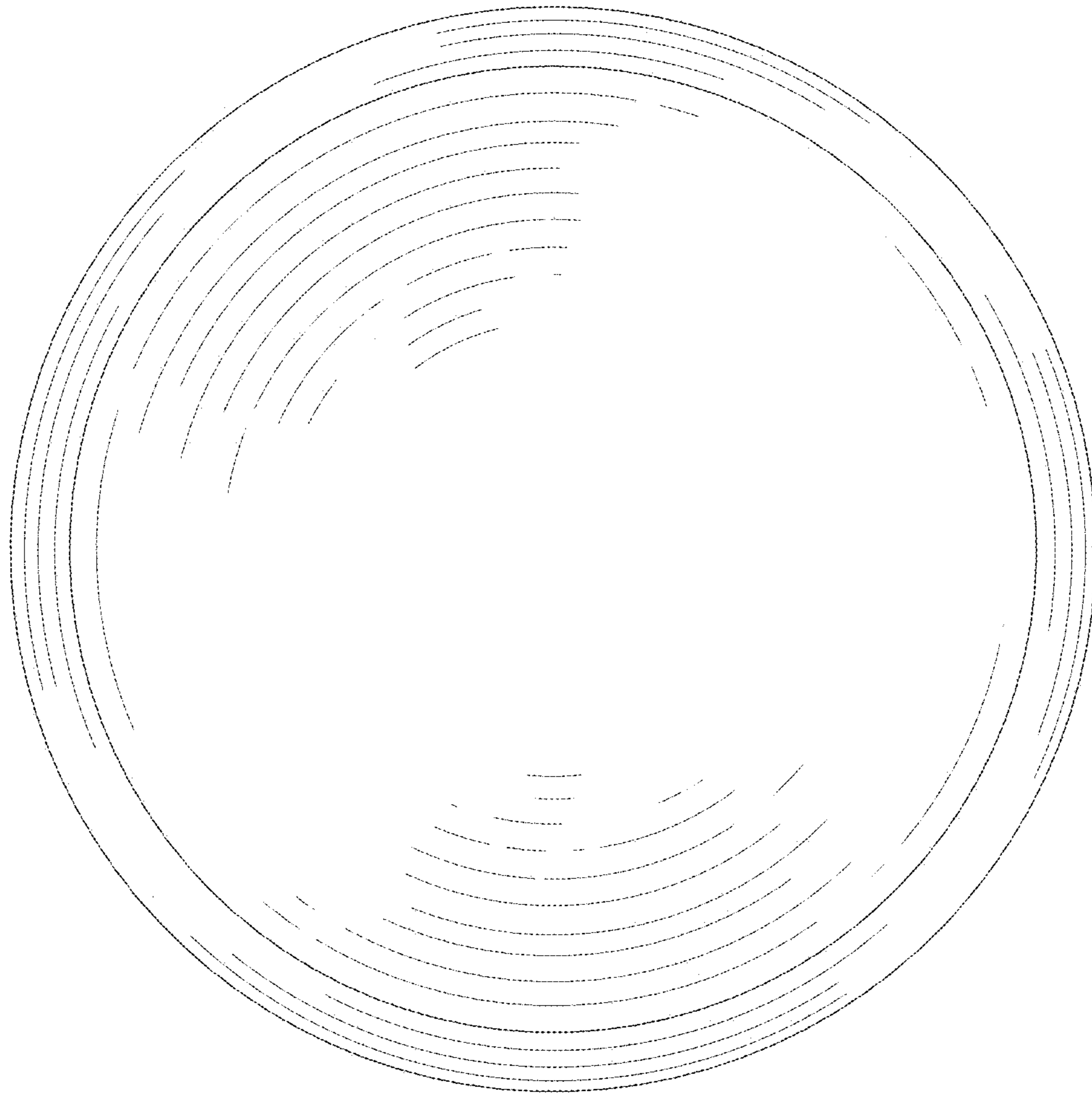


FIG. 6