



US00D796113S

(12) **United States Design Patent** (10) **Patent No.:** **US D796,113 S**
Winkler (45) **Date of Patent:** **** Aug. 29, 2017**

(54) **FUEL CARTRIDGE**
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D598,163 S 8/2009 Overend et al.
D598,164 S 8/2009 Overend et al.
7,879,501 B2 2/2011 Schaevitz et al.
(Continued)

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FOREIGN PATENT DOCUMENTS

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EP 1820247 A2 8/2007
KR 100539710 B1 12/2005
WO 2006054080 A2 5/2006

(**) Term: **14 Years**

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(21) Appl. No.: **29/526,380**

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(57) **CLAIM**

(51) **LOC (10) Cl.** **27-05**

The ornamental design for a fuel cartridge, as shown and described.

(52) **U.S. Cl.**
USPC **D27/161**

DESCRIPTION

(58) **Field of Classification Search**
USPC D27/100–112, 120, 125–130, 136, 137, D27/138, 143, 161, 162–169, 172, 175, D27/180, 183, 193, 194, 195; D3/228, D3/229; D23/332, 341
CPC F23Q 2/36; H01M 8/04208
See application file for complete search history.

FIG. 1 is a top front perspective view of a fuel cartridge employing an ornamental design in accordance with the present invention.

FIG. 2 illustrates a front view of the fuel cartridge of FIG. 1;

FIG. 3 illustrates a back view of the fuel cartridge of FIG. 1;

FIG. 4 illustrates a right side view the fuel cartridge of FIG. 1;

FIG. 5 illustrates a left side view of the fuel cartridge of FIG. 1;

FIG. 6 illustrates a top view of the fuel cartridge of FIG. 1; and,

FIG. 7 illustrates a bottom view of the fuel cartridge of FIG. 1.

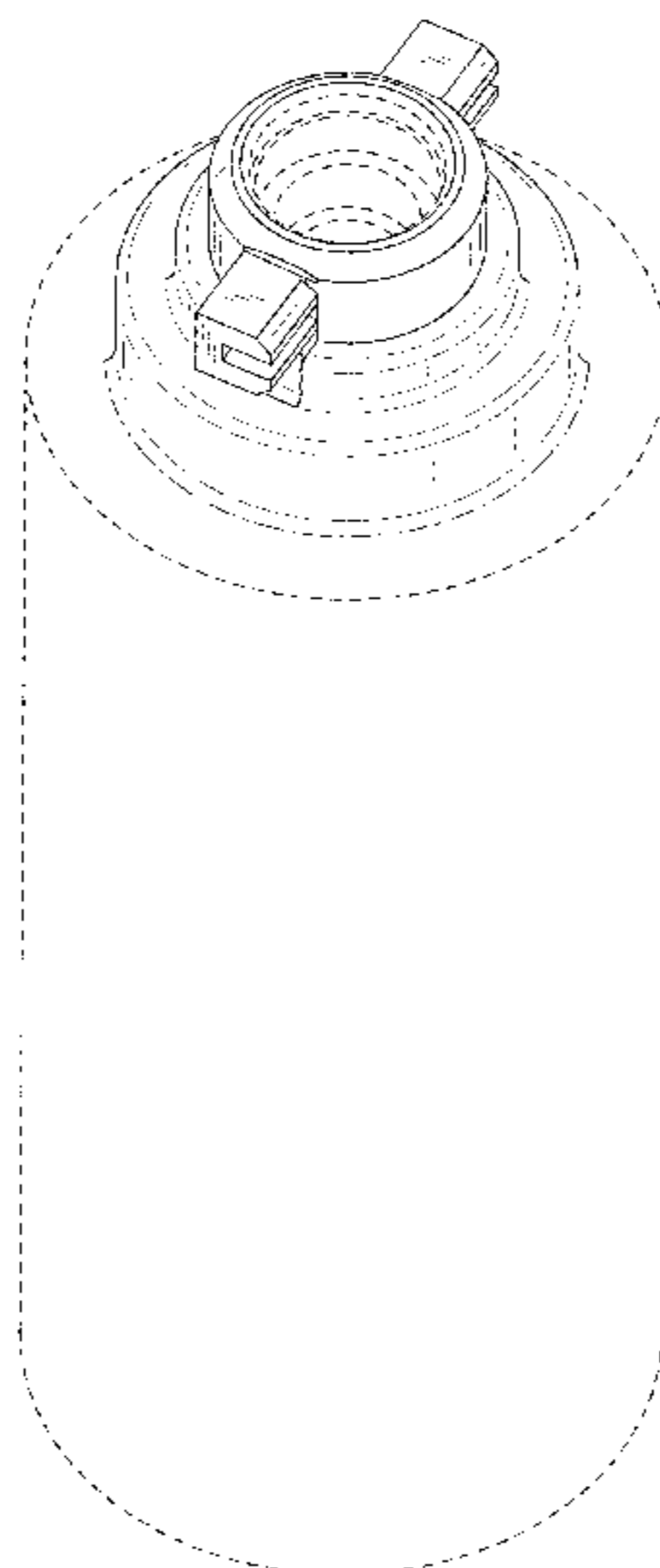
The broken lines are included for the purpose of illustrating unclaimed environmental portions of the fuel cartridge and form no part of the claimed design; the dash-dot-dash lines represent boundaries of the claimed design and form no part thereof.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D227,924 S * 7/1973 Goto D27/154
4,699,123 A 10/1987 Zaborowski
D300,606 S 4/1989 Schwabel et al.
D351,337 S 10/1994 Bonnema et al.
5,522,722 A 6/1996 Diederich
D389,953 S 1/1998 Seifert
D391,019 S 2/1998 Seifert
5,857,262 A 1/1999 Bonnema et al.
5,944,508 A 8/1999 Bonnema
6,033,212 A 3/2000 Bonnema et al.
6,176,596 B1 1/2001 Shukla et al.
6,235,983 B1 5/2001 Becker et al.
6,733,282 B2 5/2004 Long
D534,307 S 12/2006 Vu
D534,308 S 12/2006 Vu

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D651,343	S	12/2011	Robson	
D658,330	S	4/2012	Yue	
D660,149	S *	5/2012	Grace	..... B65D 1/06 D9/447
8,273,485	B2	9/2012	Schaevitz et al.	
D672,500	S	12/2012	Kim	
D672,501	S	12/2012	Kim	
D674,269	S *	1/2013	Siepel	..... D8/354
8,389,909	B2	3/2013	Wang et al.	
D695,600	S *	12/2013	Fujioka	..... D8/382
D698,489	S	1/2014	Byun	
D722,721	S *	2/2015	Ross	..... D27/167
D739,599	S *	9/2015	Liu	..... D27/101
D752,281	S *	3/2016	Alima	..... D27/167
D765,910	S *	9/2016	Bermudez	..... D28/35
D766,503	S *	9/2016	Liu	..... D27/167
D767,200	S *	9/2016	Liu	..... D27/101
D769,518	S *	10/2016	Liu	..... D27/101
2004/0244810	A1	12/2004	Henninger et al.	
2008/0135537	A1	6/2008	Suber et al.	
2011/0259356	A1	10/2011	Barton et al.	
2012/0240955	A1	9/2012	Kennedy et al.	
2014/0076349	A1	3/2014	Deng	
2015/0059784	A1 *	3/2015	Liu	..... A24F 47/008 131/329
2015/0296889	A1 *	10/2015	Liu	..... A24F 47/008 131/329
2015/0335121	A1	11/2015	Floessholzer et al.	

* cited by examiner

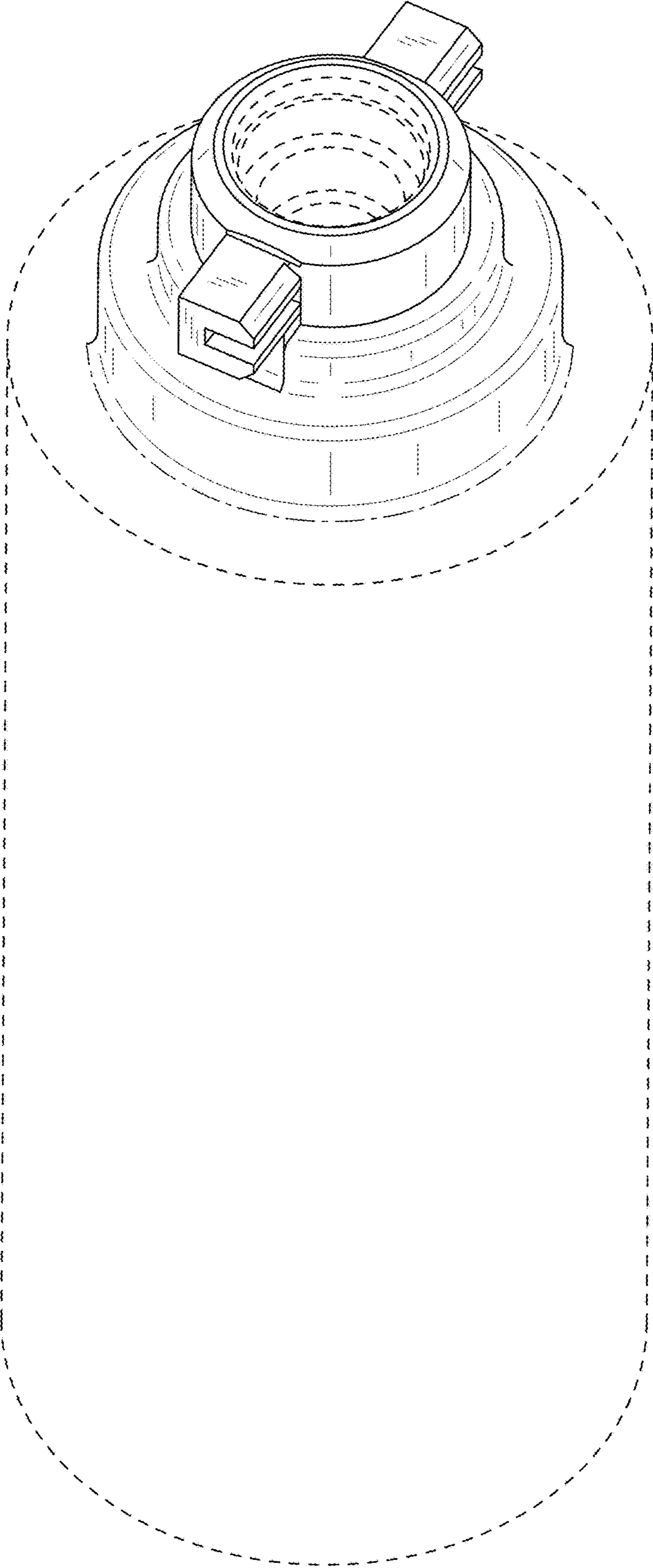


FIG. 1

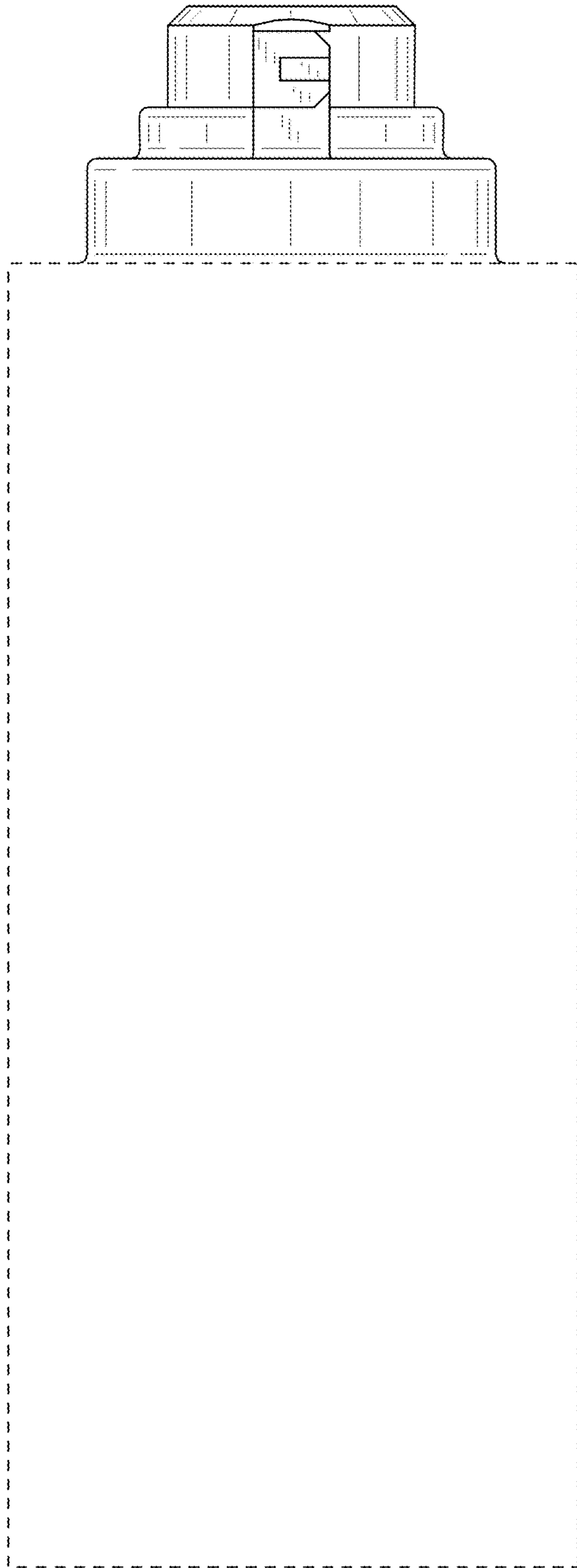


FIG. 2

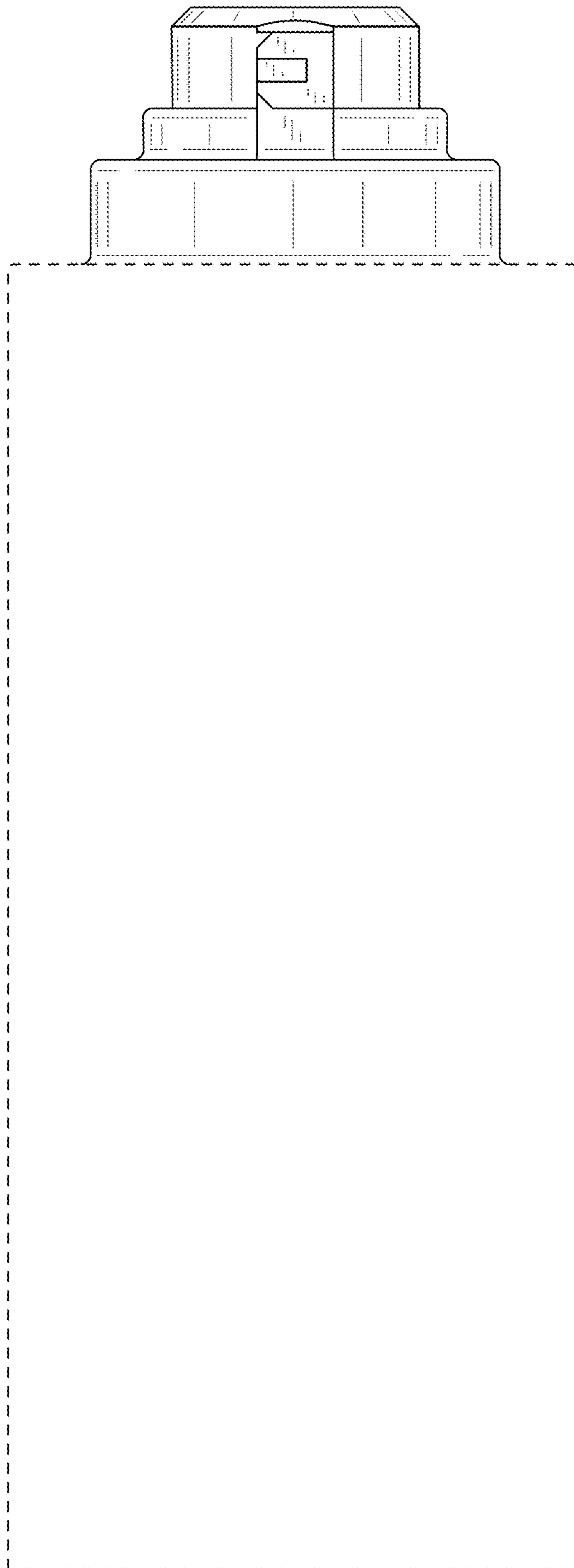


FIG. 3

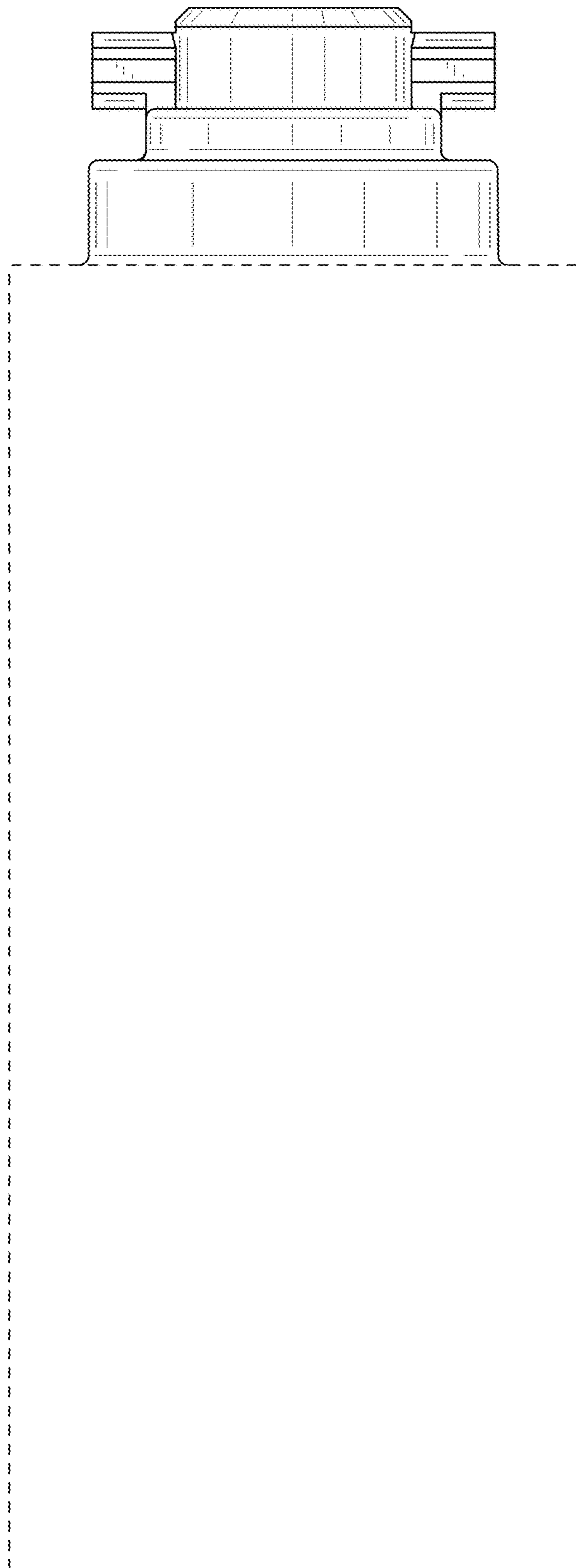


FIG. 4

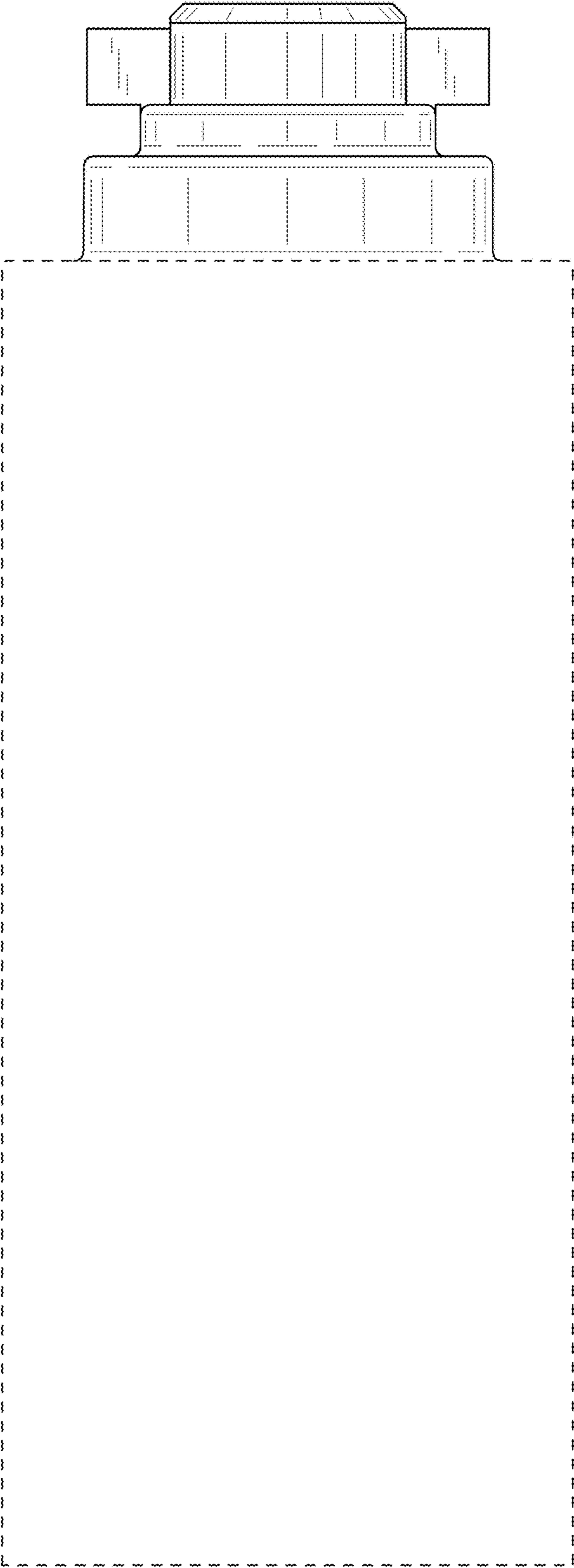


FIG. 5

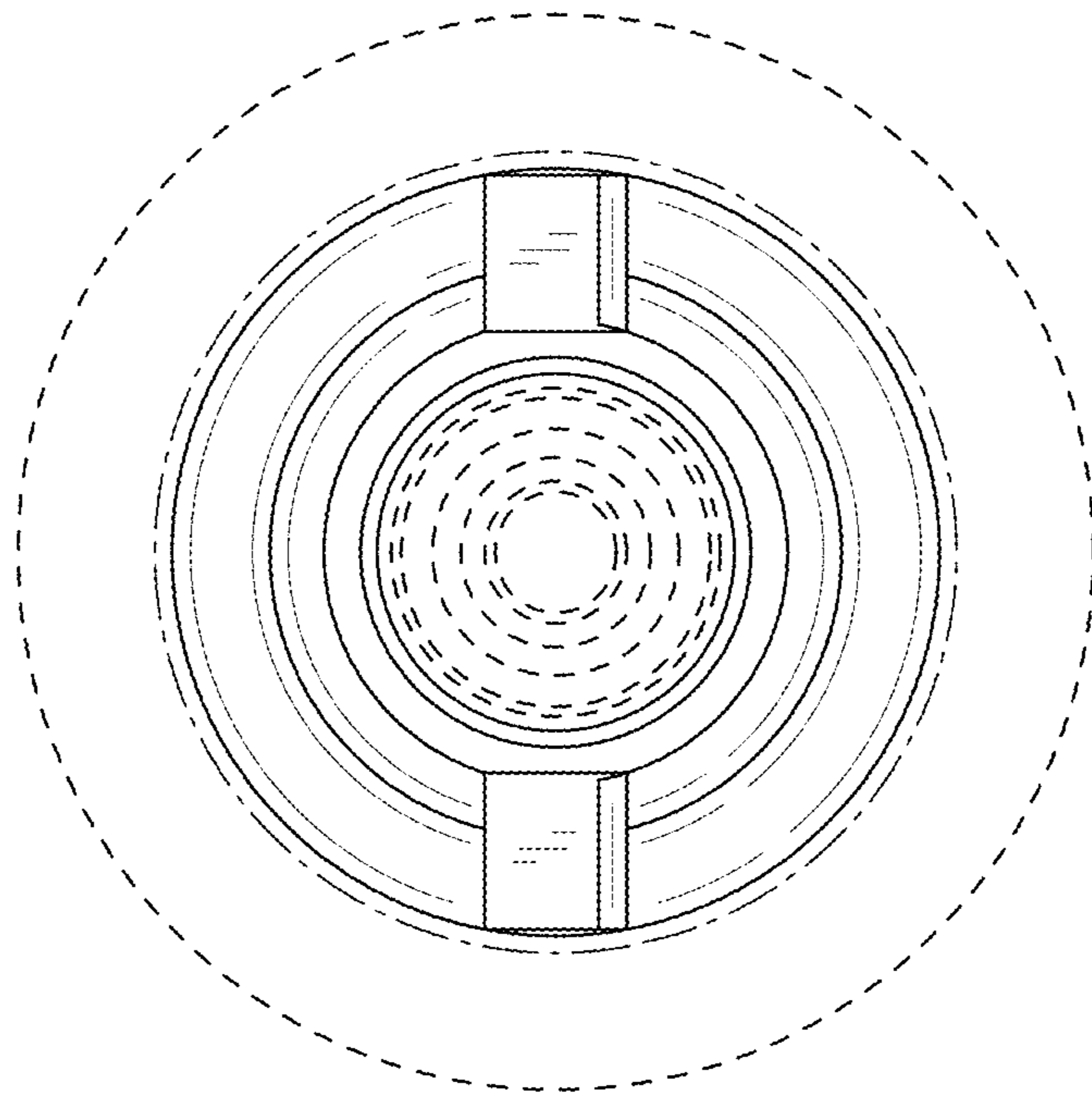


FIG. 6

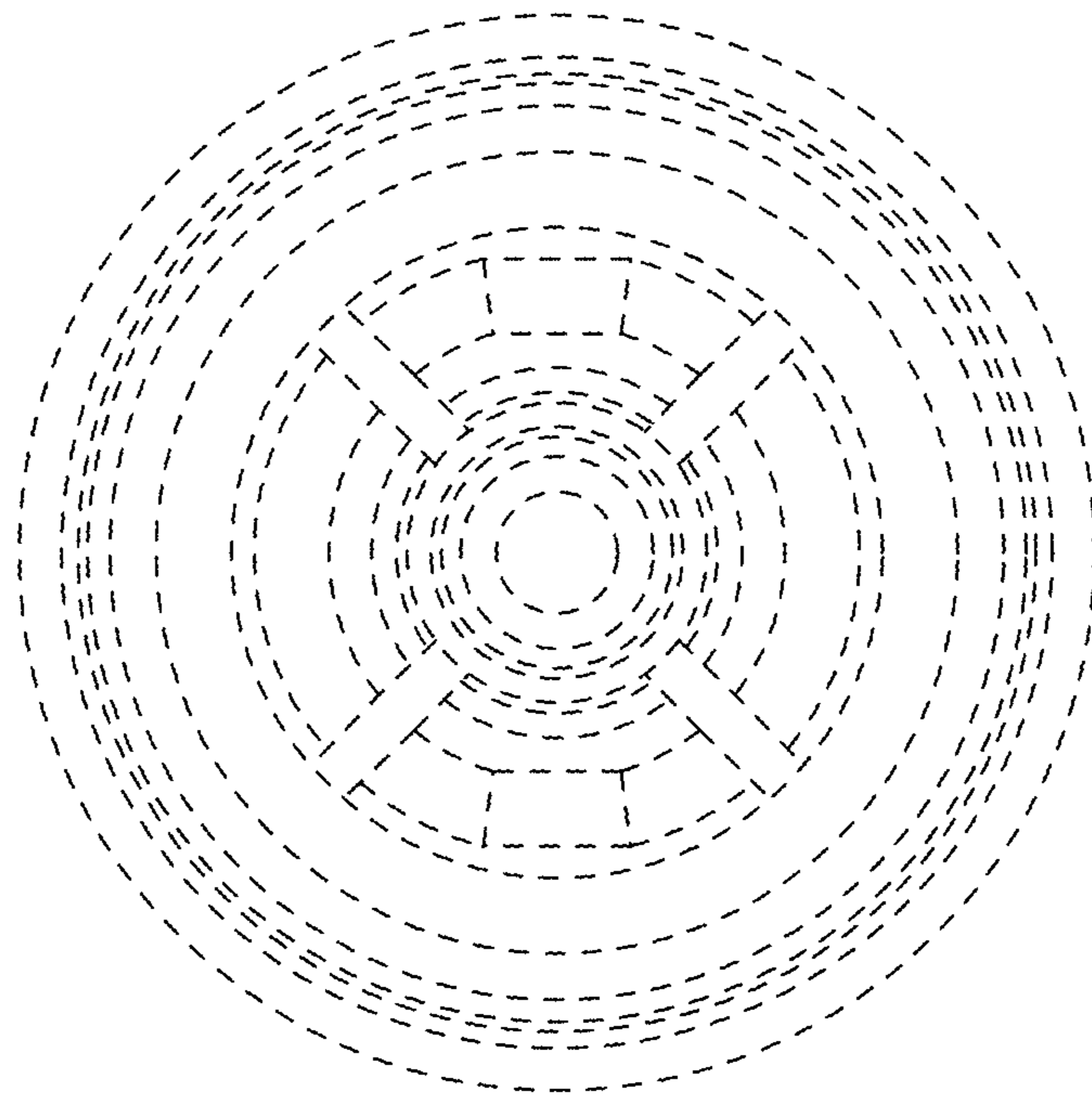


FIG. 7