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

(10) **Patent No.:** **US D647,799 S**

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(54) **CLOSURE CAP**

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220/500, 600, 619, 623; 413/31, 6, 8; 426/118;
72/348, 349; D7/900, 396.2, 538, 510, 511,
D7/392.1

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D30,764	S	5/1899	Ross	
1,349,837	A *	8/1920	Johnson	
1,699,069	A *	1/1929	Huntar	
2,139,682	A *	12/1938	Hothersall	
2,166,923	A *	7/1939	Woodcock	
2,216,082	A *	9/1940	Kronquest et al.	
2,522,301	A *	9/1950	Rooney	
2,527,885	A *	10/1950	Krueger	
2,621,622	A *	12/1952	Henchert	
2,975,740	A *	3/1961	Smith et al.	
2,991,602	A *	7/1961	Van De Kerke et al.	
D192,757	S *	5/1962	Foss et al.	D9/452
3,157,080	A *	11/1964	Hanni	
3,186,003	A *	5/1965	Gregory, Jr. et al.	
3,446,381	A *	5/1969	Podesta et al.	
3,813,972	A	6/1974	Van Alsborg	

3,836,033	A	9/1974	Podesta	
D239,437	S	4/1976	Boduch	
D240,595	S *	7/1976	Daenen	D9/452
4,004,478	A	1/1977	Morgan	

(Continued)

FOREIGN PATENT DOCUMENTS

DE 2933547 3/1981
(Continued)

OTHER PUBLICATIONS

U.S. Appl. No. 12/922,989, filed Feb. 12, 2009, Dunwoody et al.*
(Continued)

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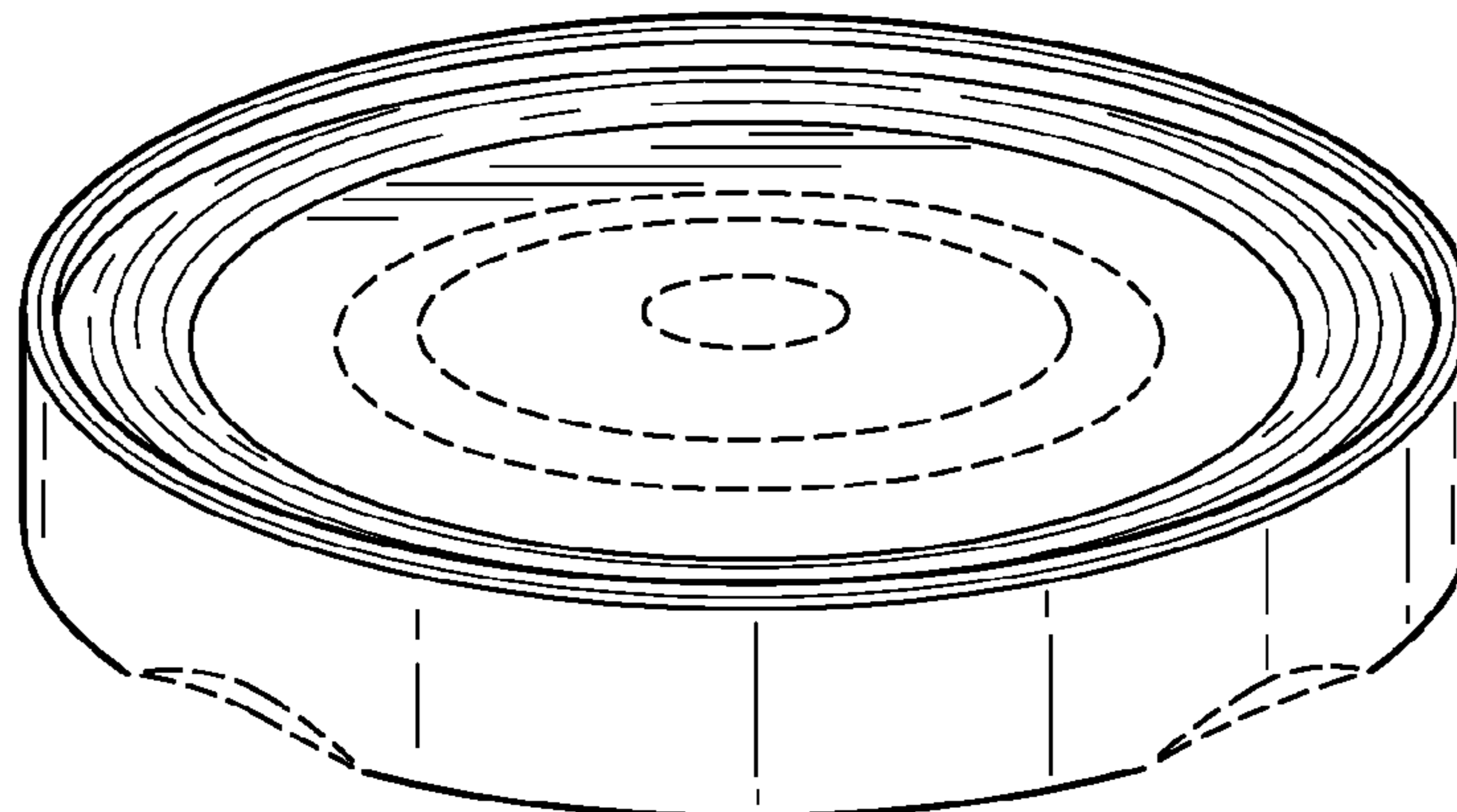
(57) **CLAIM**

I claim the ornamental design for a closure cap, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a closure cap according to a first embodiment of our new design.
 FIG. 2 is a bottom perspective view thereof.
 FIG. 3 is a left side view thereof, the front, back, and right side views being identical to the left side view.
 FIG. 4 is a top view thereof.
 FIG. 5 is a bottom view thereof.
 FIG. 6 is a top perspective view of a closure cap according to a second embodiment of our new design; and,
 FIG. 7 is a bottom perspective view thereof.
 The left side, right side, front, back, top and bottom views of the second embodiment are identical to the left side, right side, front, back, top, and bottom views of the first embodiment.
 The portions of the drawings appearing in broken line are for environment only and do not form a part of the claimed design.

1 Claim, 3 Drawing Sheets



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U.S. PATENT DOCUMENTS

D244,065	S *	4/1977	Daenen	D7/584
4,022,141	A	5/1977	Bartenstein	
4,299,147	A	11/1981	Rogers	
D266,906	S *	11/1982	Guerette	D9/453
4,473,163	A	9/1984	Geiger	
D286,026	S	10/1986	Rayner	
D291,971	S	9/1987	Smith	
4,762,579	A	8/1988	Shimizu et al.	
4,808,053	A	2/1989	Nagai et al.	
4,942,777	A	7/1990	Fife	
5,014,491	A	5/1991	Tsukada et al.	
5,078,564	A	1/1992	Zago	
5,325,696	A	7/1994	Jentzsch et al.	
D359,451	S	6/1995	Dees	
5,782,599	A	7/1998	Moran et al.	
5,839,869	A	11/1998	Moran et al.	
D471,453	S	3/2003	Stodd	
D480,304	S *	10/2003	Stodd	D9/434
6,662,958	B2	12/2003	German et al.	
D489,005	S	4/2004	Miceli et al.	
D492,596	S	7/2004	Miceli et al.	
D495,600	S	9/2004	Kouri	
D522,364	S *	6/2006	Hicks et al.	D9/449
D526,740	S *	8/2006	Xu	D27/148
D536,975	S	2/2007	Smith et al.	
D608,638	S	1/2010	Pontes	
D612,196	S *	3/2010	Furlong	D7/392.1
7,731,048	B2 *	6/2010	Teixeira Alvares et al. ..	220/270
D623,943	S	9/2010	Weld	
D628,894	S *	12/2010	Pontes	D9/454
D640,556	S	6/2011	Bragg et al.	
2004/0016758	A1	1/2004	Richardson	
2006/0191933	A1	8/2006	Hicks et al.	
2007/0090111	A1 *	4/2007	Alvares et al.	220/257.2
2010/0003109	A1 *	1/2010	Ramsey et al.	

FOREIGN PATENT DOCUMENTS

DE	3619322	12/1986
EP	0092884	11/1983
EP	0599549	6/1994
EP	1686070	8/2006
EP	1918041	5/2008
FR	620920	5/1927
FR	769264	8/1934
FR	2177118	11/1973
WO	WO 95/11104	4/1995
WO	WO 2005/063587	7/2005
WO	WO 2008/053014	5/2008
WO	WO 2009/060291	5/2009
WO	WO 2009/115377	9/2009
WO	WO 2009/130122	10/2009

OTHER PUBLICATIONS

U.S. Appl. No. 12/988,933, filed Apr. 6, 2009, Dunwoody et al.*
 U.S. Appl. No. 29/382,735, filed Jan. 6, 2011, Dunwoody.*
 U.S. Appl. No. 29/382,739, filed Jan. 6, 2011, Dunwoody.*
 U.S. Appl. No. 29/382,732, filed Jan. 6, 2011, Dunwoody.*
 U.S. Appl. No. 29/382,738, filed Jan. 6, 2011, Dunwoody.*
 U.S. Appl. No. 29/382,744, filed Jan. 6, 2011, Dunwoody.*
 U.S. Appl. No. 29/361,422, filed May 11, 2010, Dunwoody et al.
 U.S. Appl. No. 29/361,424, filed May 11, 2010, Dunwoody et al.
 U.S. Appl. No. 29/361,443, filed May 11, 2010, Dunwoody et al.
 U.S. Appl. No. 29/361,446, filed May 11, 2010, Dunwoody et al.
 U.S. Appl. No. 29/361,448, filed May 11, 2010, Dunwoody et al.
 U.S. Appl. No. 29/361,449, filed May 11, 2010, Dunwoody et al.
 U.S. Appl. No. 29/361,437, filed May 11, 2010, Dunwoody et al.
 U.S. Appl. No. 29/361,441, filed May 11, 2010, Dunwoody et al.

* cited by examiner

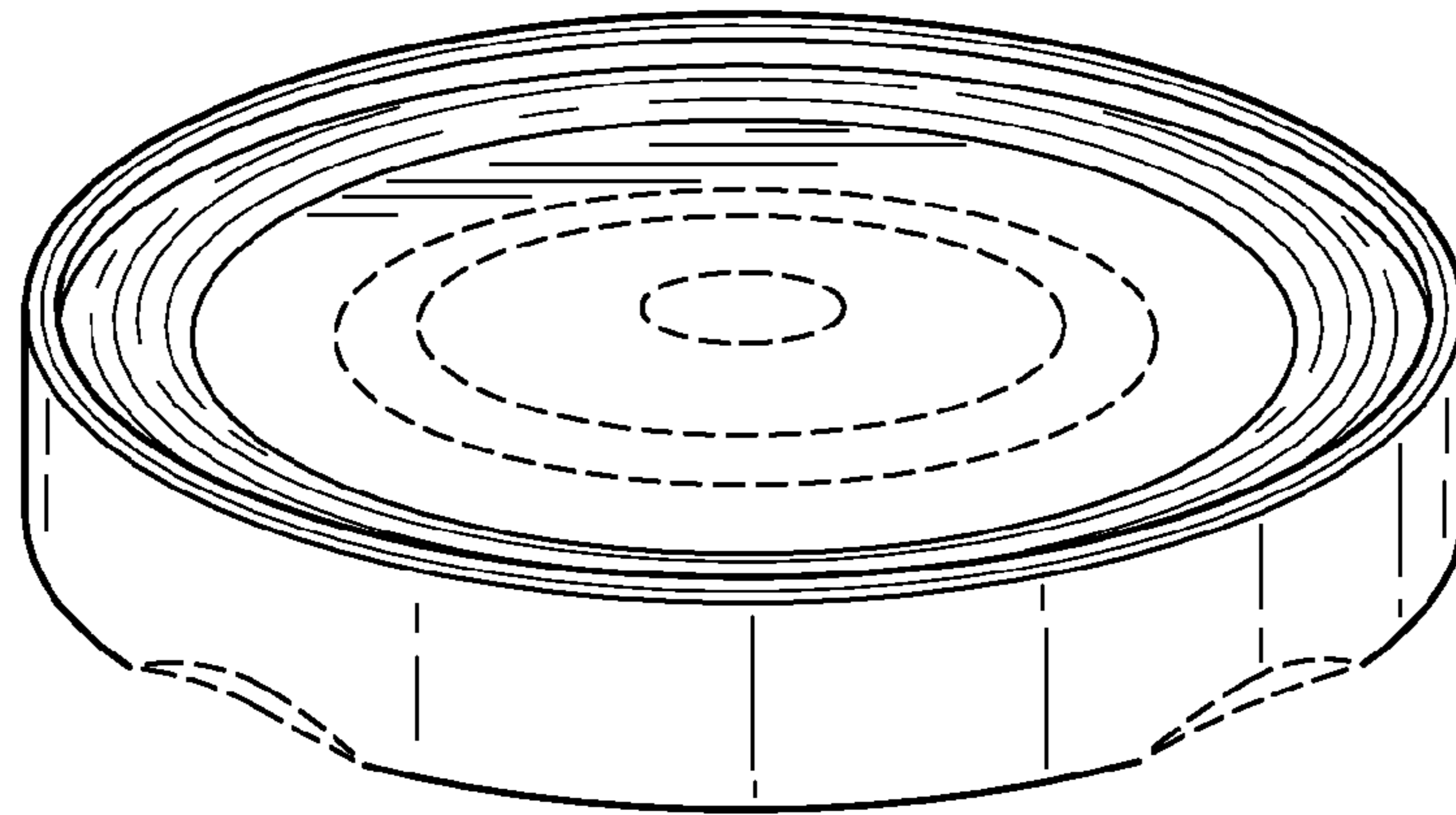


FIG. 1

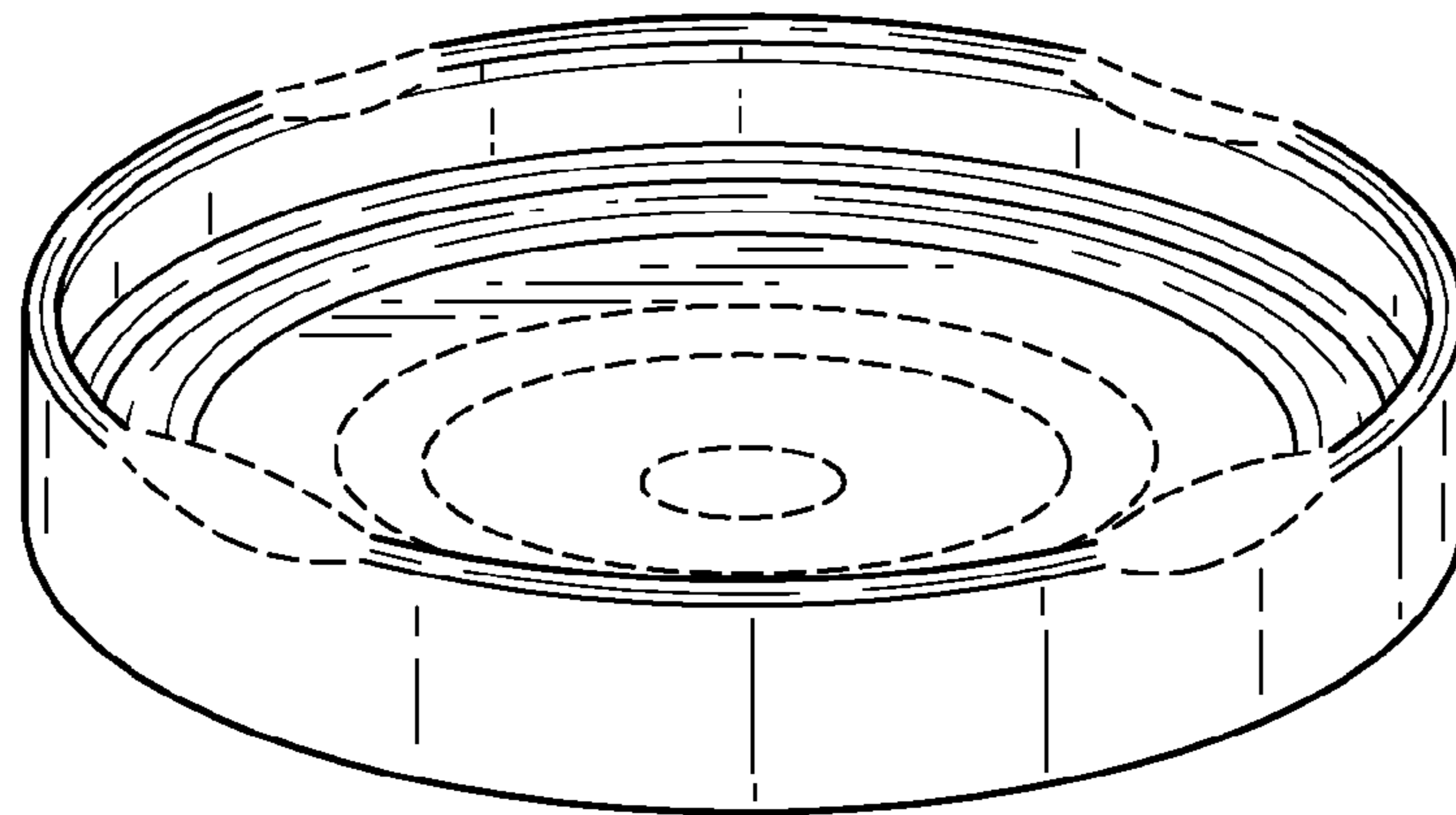


FIG. 2

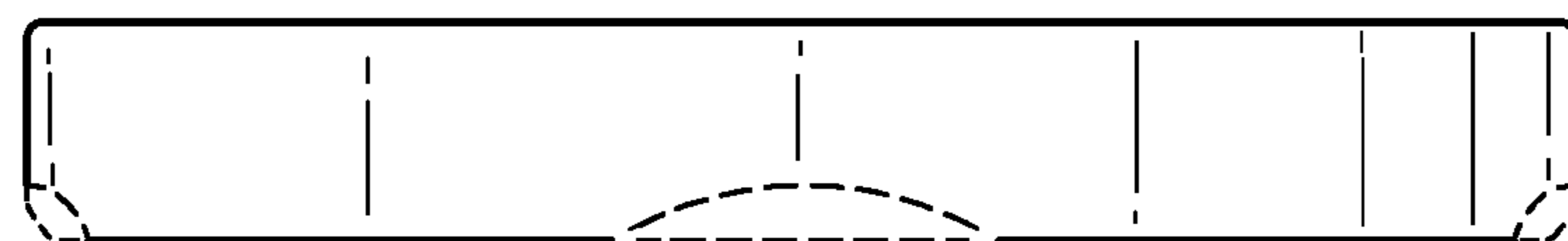


FIG. 3

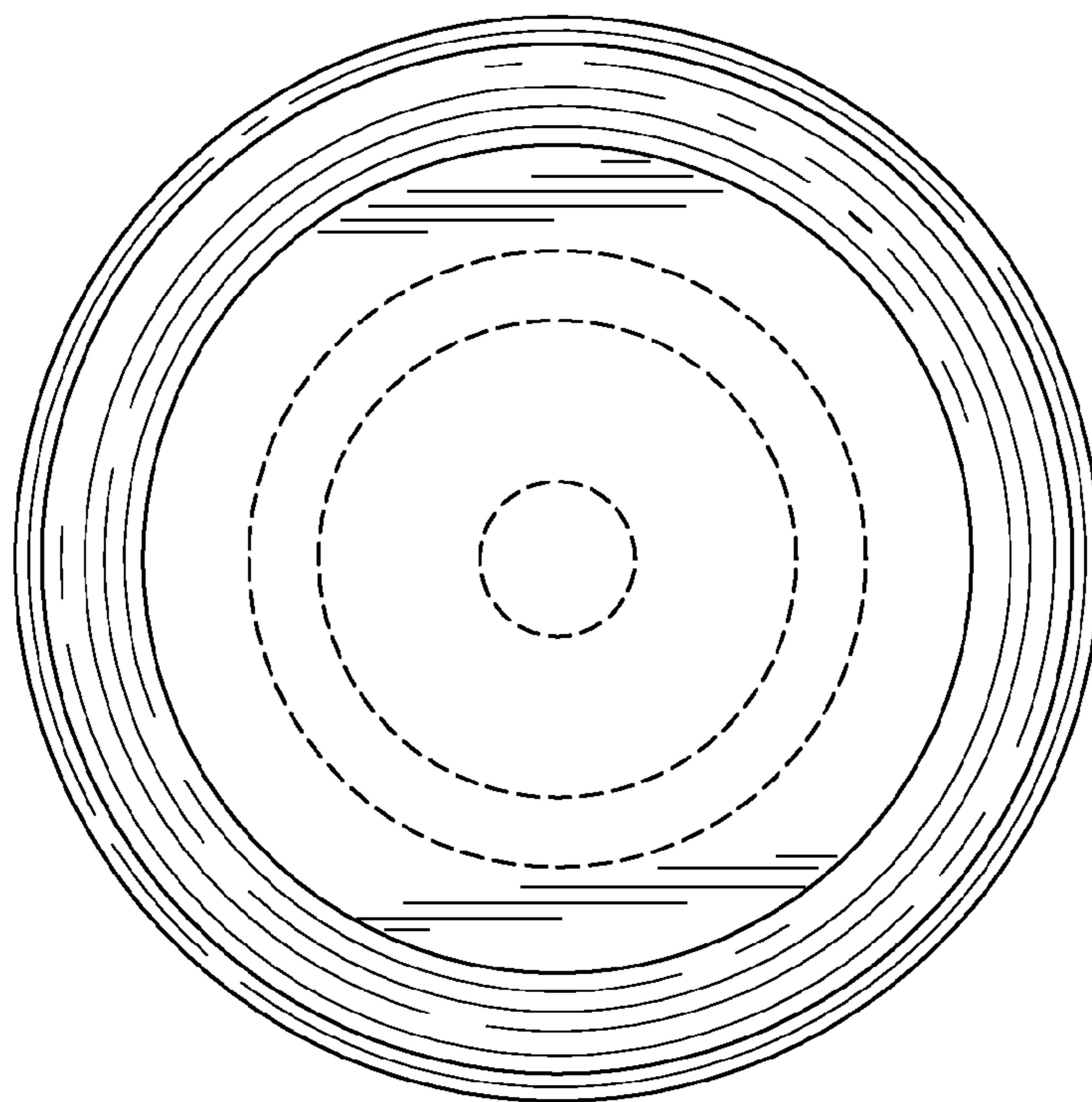


FIG. 4

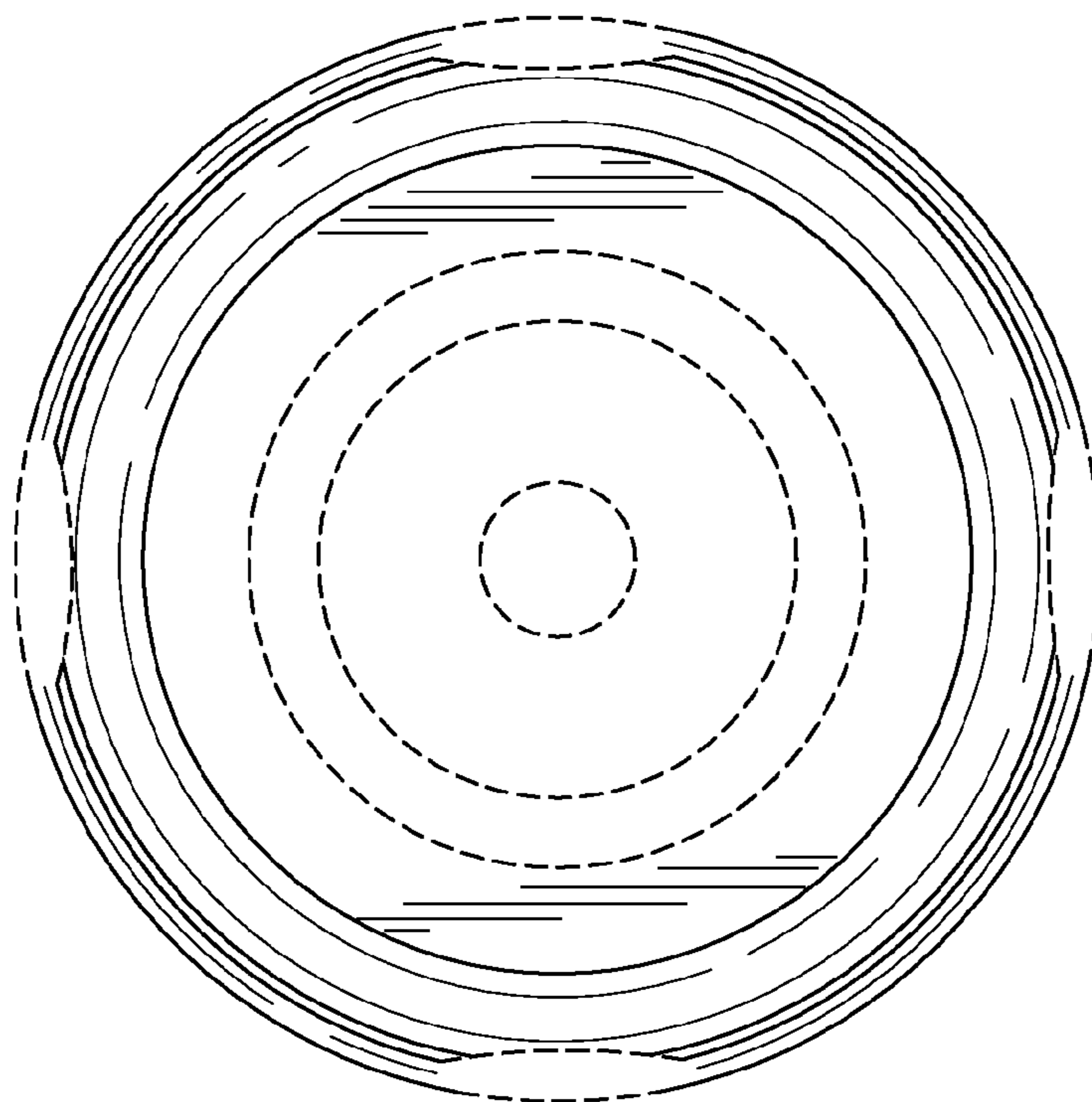


FIG. 5

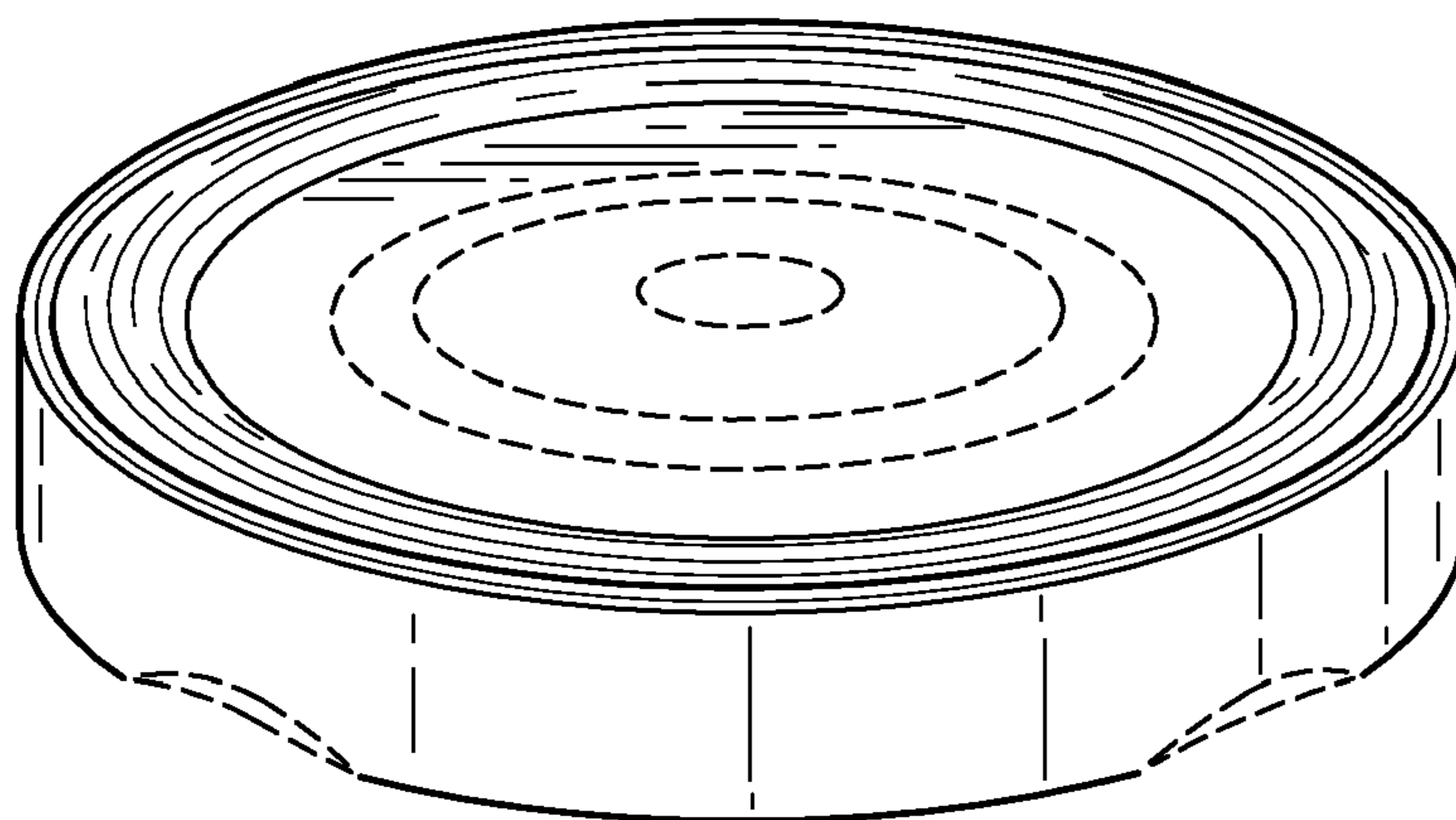


FIG. 6

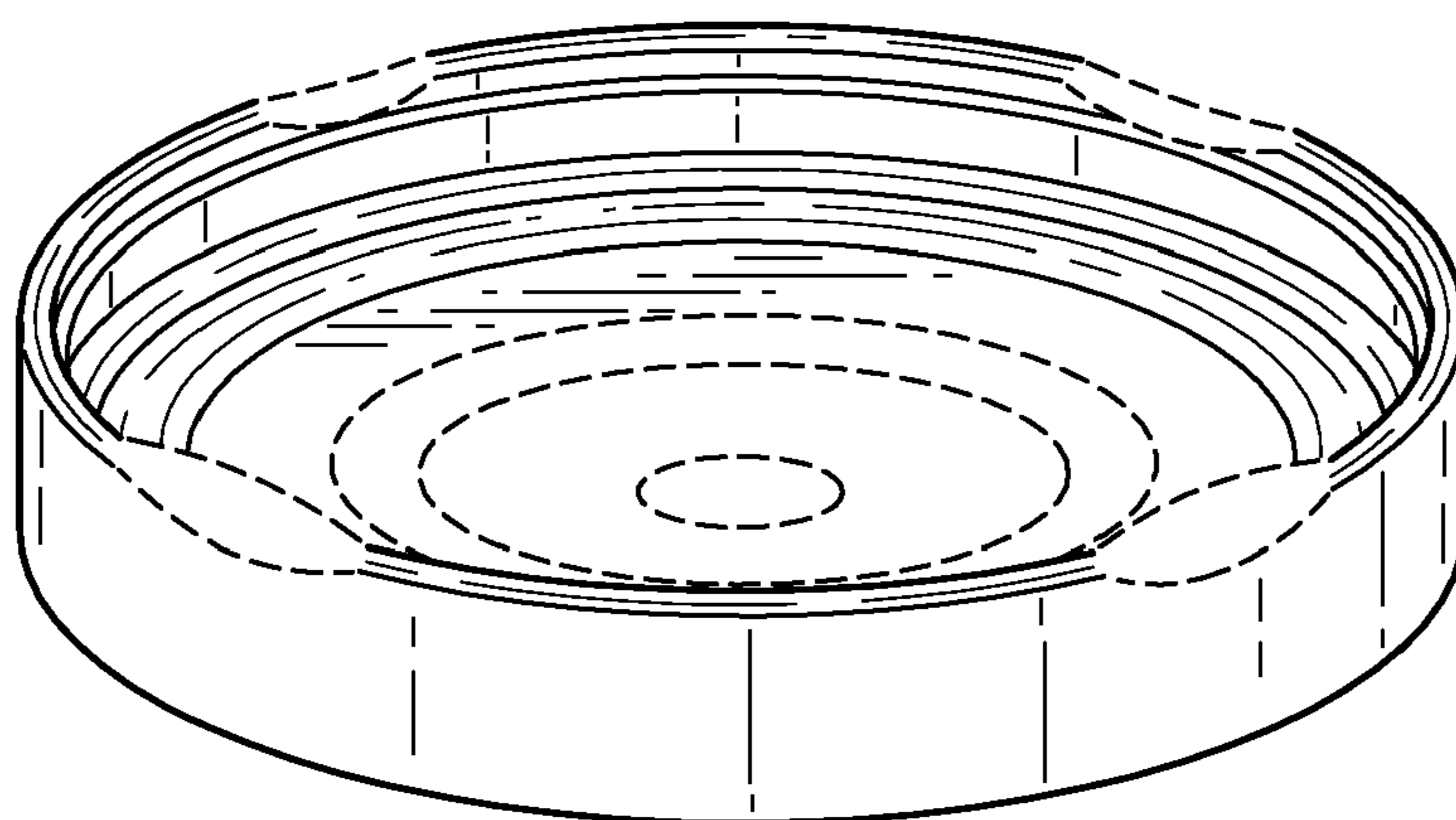


FIG. 7