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

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(54) **SPEAKER**

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3/00; H04S 7/30

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See application file for complete search history.

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(56) **References Cited**

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U.S. PATENT DOCUMENTS

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

D472,545 S *	4/2003	Iijima	D14/219
D480,070 S *	9/2003	Hakoda	D14/216
D493,445 S *	7/2004	Iijima	D14/216
D506,992 S *	7/2005	Suzuki	D14/221
D506,993 S *	7/2005	Suzuki	D14/221
D535,979 S *	1/2007	Shing	D14/219
D573,980 S *	7/2008	Nakane	D14/216
D581,904 S *	12/2008	Tanaka	D14/216
D583,803 S *	12/2008	Lum	D14/219
D615,068 S *	5/2010	Yuasa	D14/216
D616,422 S *	5/2010	Chen	D14/222

(Continued)

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OTHER PUBLICATIONS

(51) **LOC (12) Cl.** ..... **14-01**

Frisbee Flying Disc Bluetooth Speakers, Amazon.com, Date first listed on Amazon: Sep. 2, 2018, [online], [site visited Jun. 6, 2019]. URL: <https://www.amazon.com/MoreBuyBuy-Waterproof-Wireless-Bluetooth-Portable-x/dp/B0747M5H42> (Year: 2018).\*

(52) **U.S. Cl.**

USPC ..... **D14/216**; D14/215

(Continued)

(58) **Field of Classification Search**

USPC ..... D14/167, 168, 170-172, 188, 194-196, D14/204, 207, 209.1, 210-216, 219, 221, D14/222, 224, 239, 496; 181/143, 144, 181/147, 148, 150, 153, 157, 198, 199; 381/300-303, 306, 332, 333, 336, 345, 381/361-364, 386-388; 369/6-12

CPC ..... B60R 11/0217; G06F 1/1688; G10K 9/22; G10K 11/004; H03F 1/327; H04M 1/03; H04M 1/035; H04N 5/642; H04N 21/4852; H04R 1/02; H04R 1/06; H04R 1/021; H04R 1/025; H04R 1/026; H04R 1/028; H04R 1/105; H04R 1/323; H04R 1/403; H04R 1/2803; H04R 1/2834; H04R 5/02; H04R 7/20; H04R 9/06; H04R 9/025; H04R 2201/021; H04R 2400/00; H04R 2400/07; H04R 2499/11;

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(57) **CLAIM**

The ornamental design for a speaker, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a speaker.  
FIG. 2 is a back perspective view of the speaker.  
FIG. 3 is a front view of the speaker.  
FIG. 4 is a rear view of the speaker.  
FIG. 5 is a top view of the speaker.  
FIG. 6 is a bottom view of the speaker.

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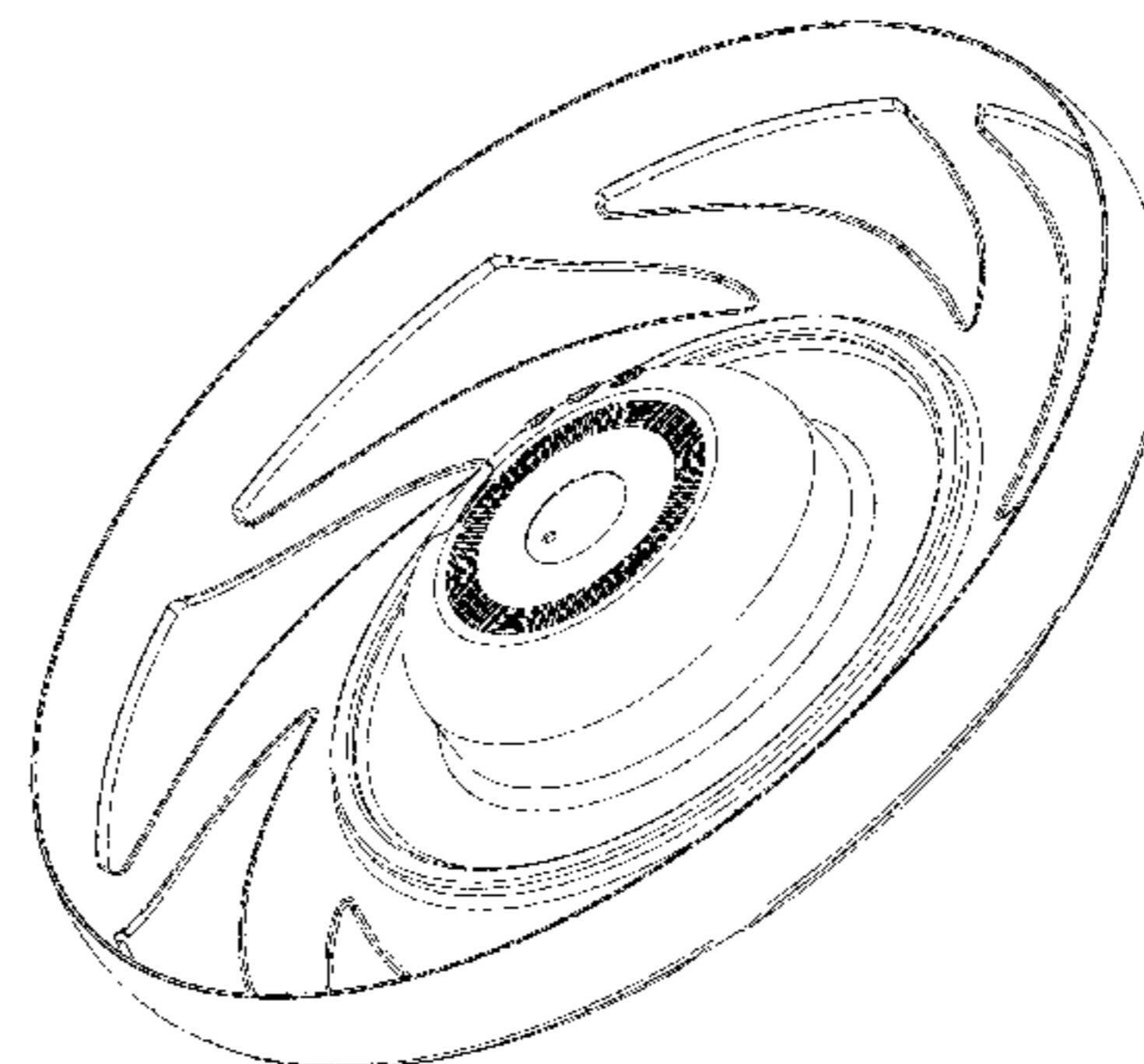
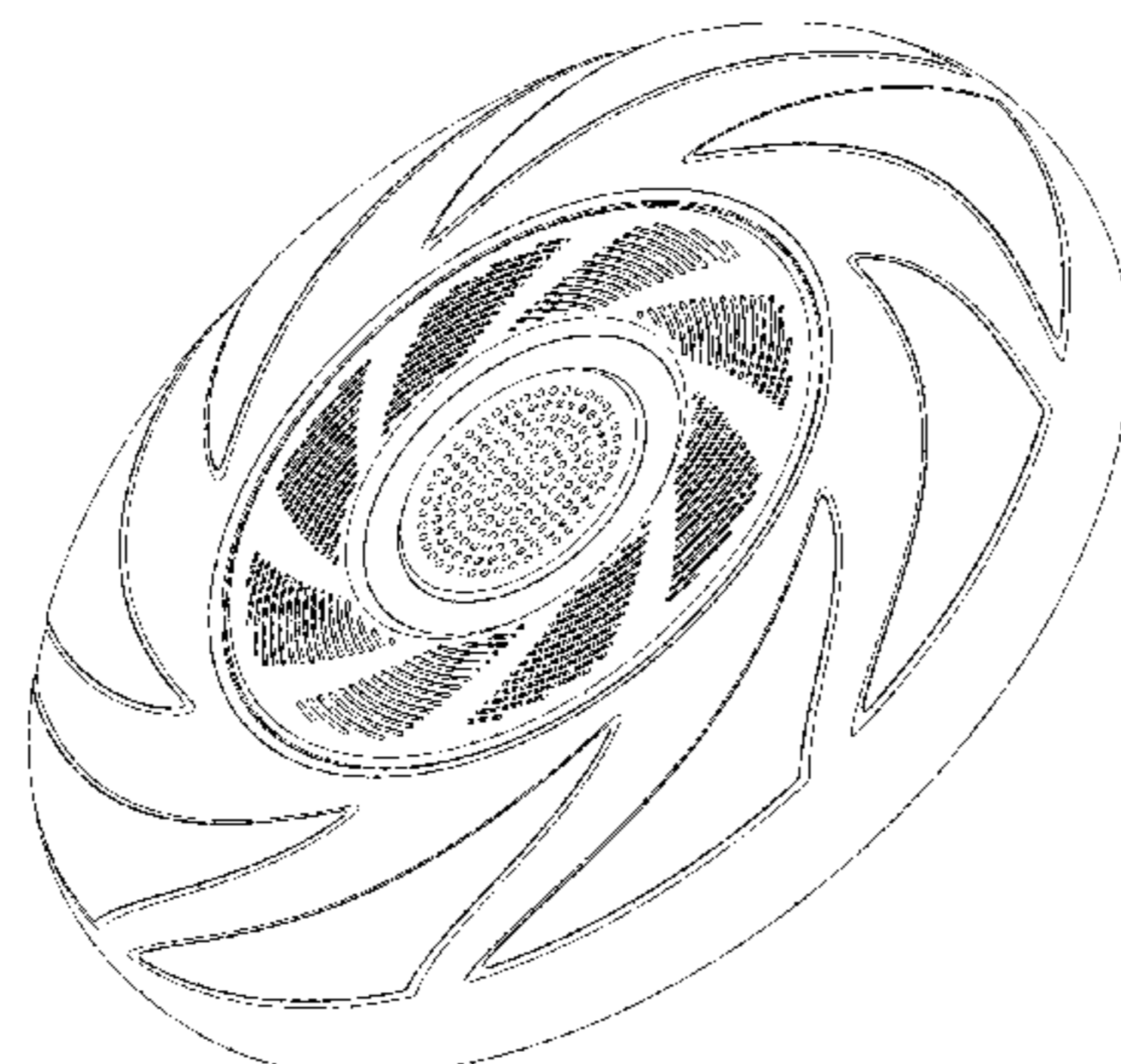


FIG. 7 is a side view of the speaker; and,  
 FIG. 8 is an opposite side view of the speaker.

**1 Claim, 8 Drawing Sheets**

D752,199 S *	3/2016	Berkman	.....	D23/370
D807,327 S *	1/2018	Xiong	.....	D14/216
D814,436 S *	4/2018	Wen	.....	D14/150
D821,361 S *	6/2018	Shoda	.....	D14/221
D829,690 S *	10/2018	Chen	.....	D14/216
D829,696 S *	10/2018	Wallace	.....	D14/233
D836,759 S *	12/2018	Baek	.....	D23/352
D845,924 S *	4/2019	Pedersen	.....	D14/149

(56)

**References Cited**

U.S. PATENT DOCUMENTS

D616,423 S *	5/2010	Chen	.....	D14/222
D619,565 S *	7/2010	Chen	.....	D14/216
D626,945 S *	11/2010	Chen	.....	D14/222
D650,359 S *	12/2011	Chen	.....	D14/215
D650,360 S *	12/2011	Chen	.....	D14/215
D650,361 S *	12/2011	Chen	.....	D14/215
D650,772 S *	12/2011	Chen	.....	D14/216
D652,021 S *	1/2012	Miyawaki	.....	D14/216
D654,475 S *	2/2012	Chen	.....	D14/215
D717,770 S *	11/2014	Yamamoto	.....	D14/216
8,983,112 B2 *	3/2015	Zhao	.....	H04R 7/045 381/421
D728,522 S *	5/2015	Zhang	.....	D14/216

OTHER PUBLICATIONS

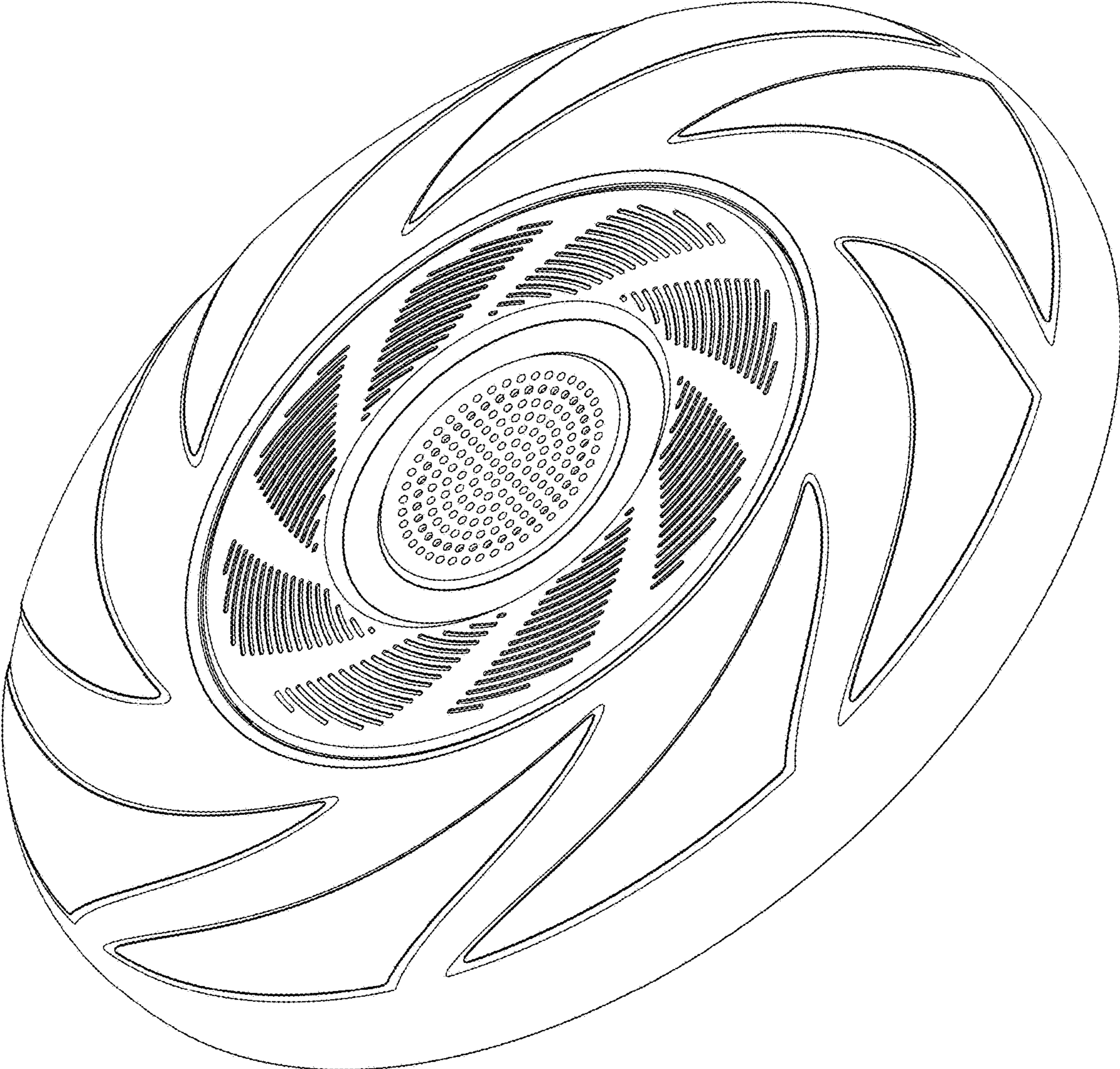
Disk Jock-E Flying Disk with Bluetooth Speaker, Menkind.co.uk, [online], [site visited Jun. 6, 2019]. URL: <https://www.menkind.co.uk/disc-jock-e> (Year: 2019).\*

Deep Cut Forged Billet Speaker Grill—Chrome, ArlenNess.com, [online], [site visited Jun. 6, 2019]. URL: <https://www.arlenness.com/prodcat/03-903.asp> (Year: 2019).\*

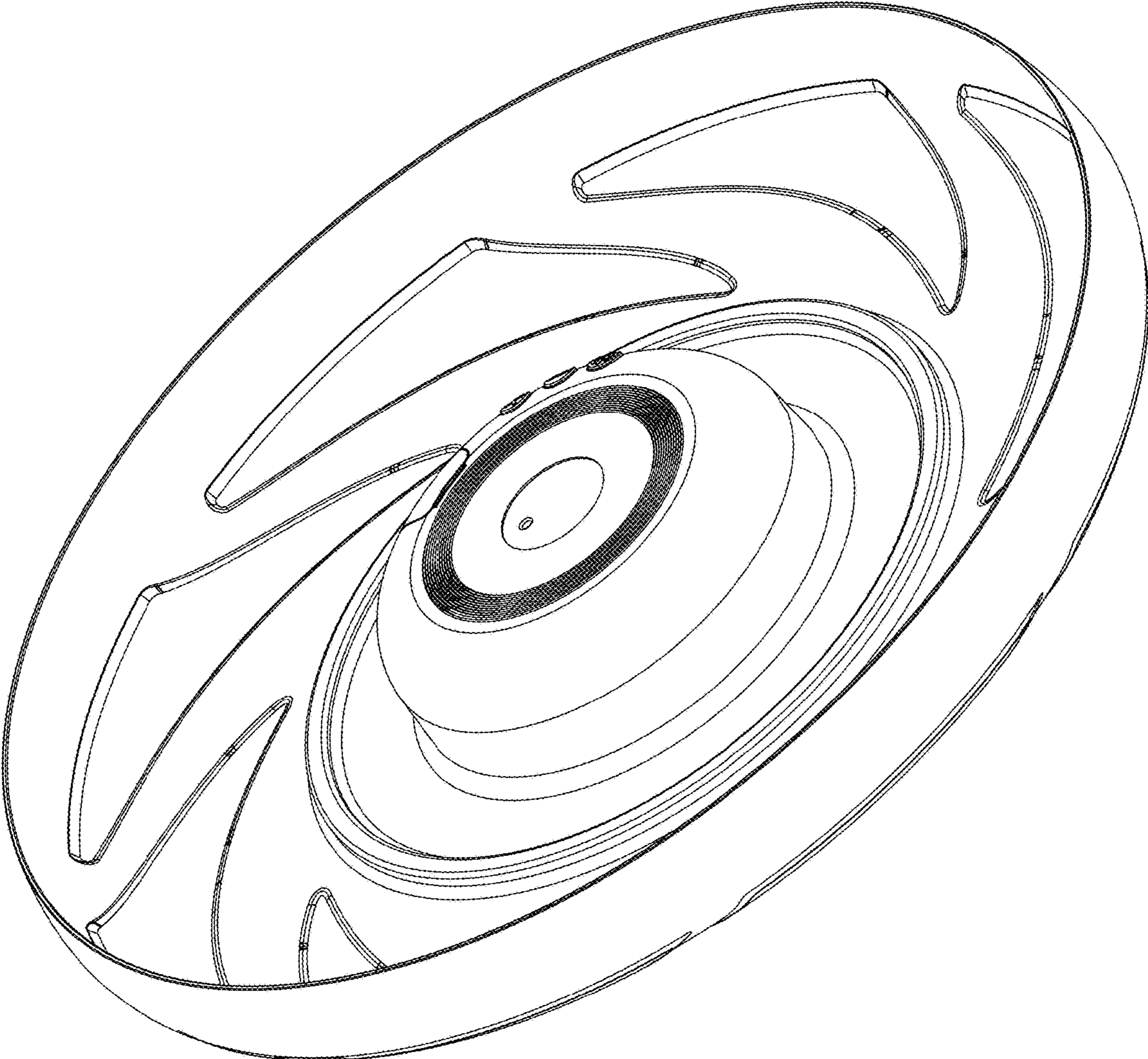
Stainless Steel Door Speaker Cover Trim Ring, Dhgate.com, [online], [site visited Jun. 6, 2019]. URL: <https://www.dhgate.com/product/stainless-steel-door-speaker-cover-trim-ring/401893106.html> (Year: 2019).\*

\* cited by examiner



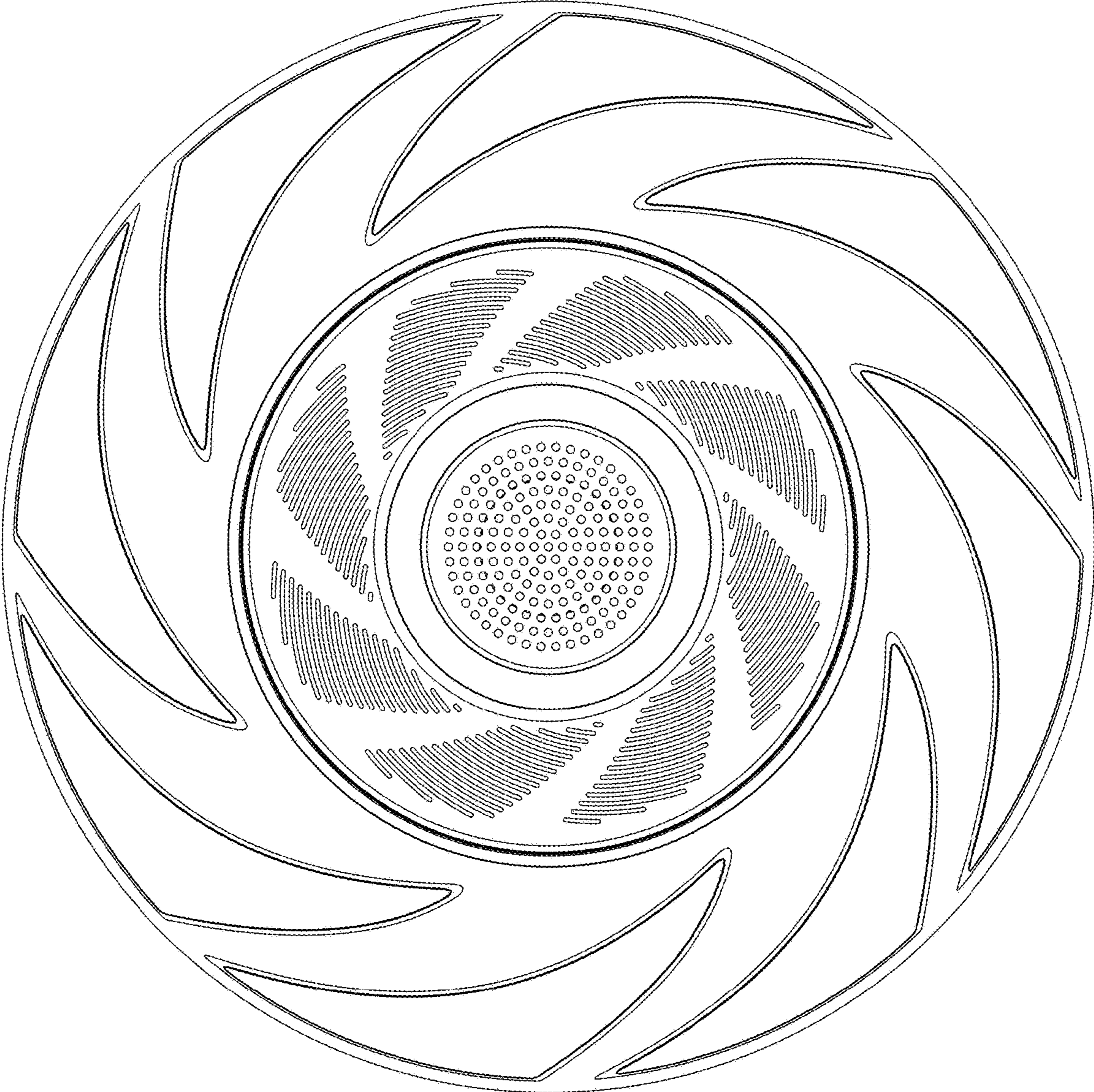


**Fig. 1**



**Fig. 2**

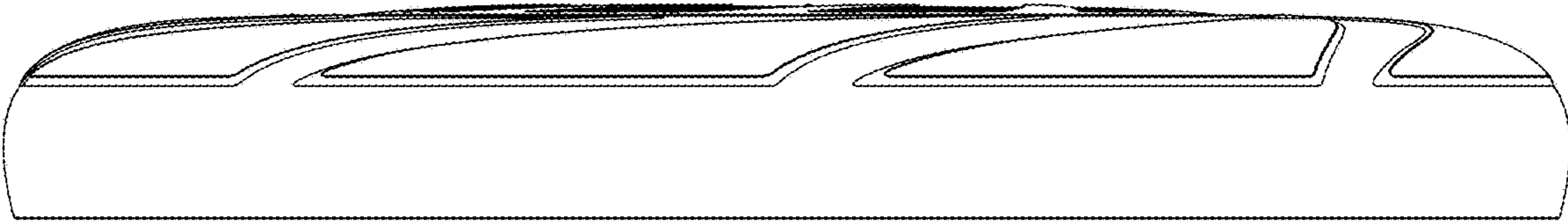




**Fig. 3**

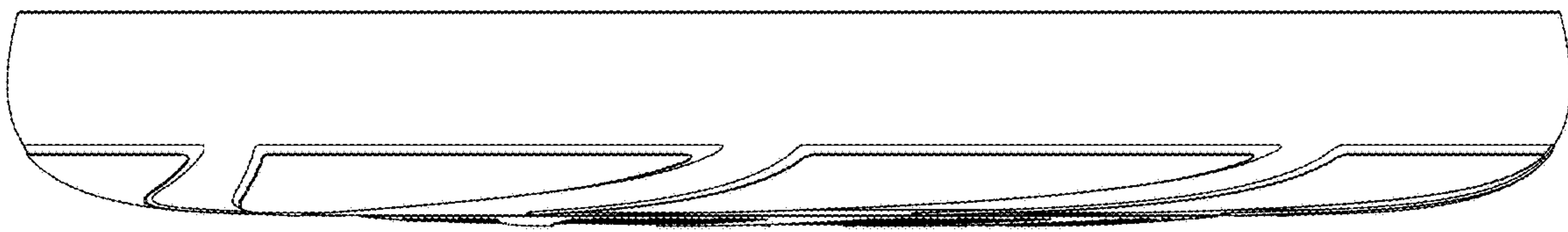


**Fig. 4**



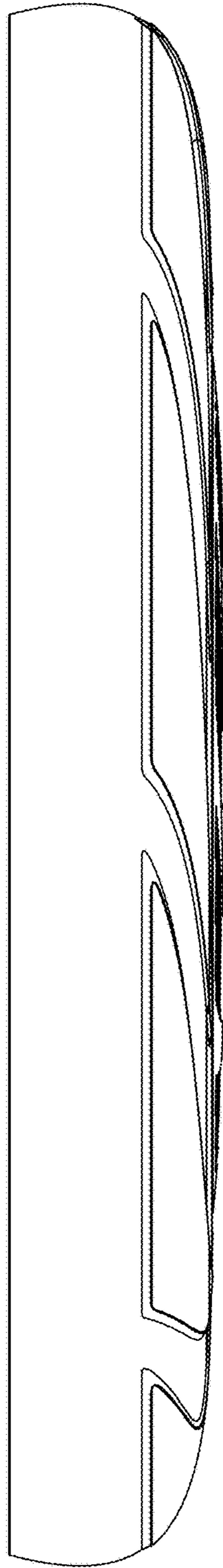
**Fig. 5**



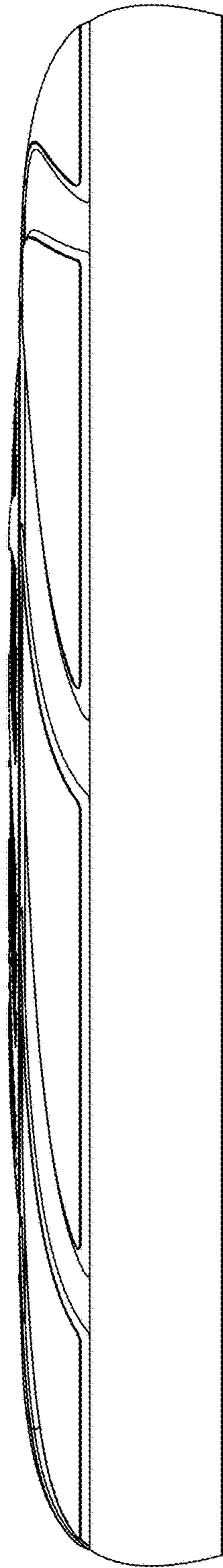


**Fig. 6**





**Fig. 7**



**Fig. 8**