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Staniforth et al.

(10)

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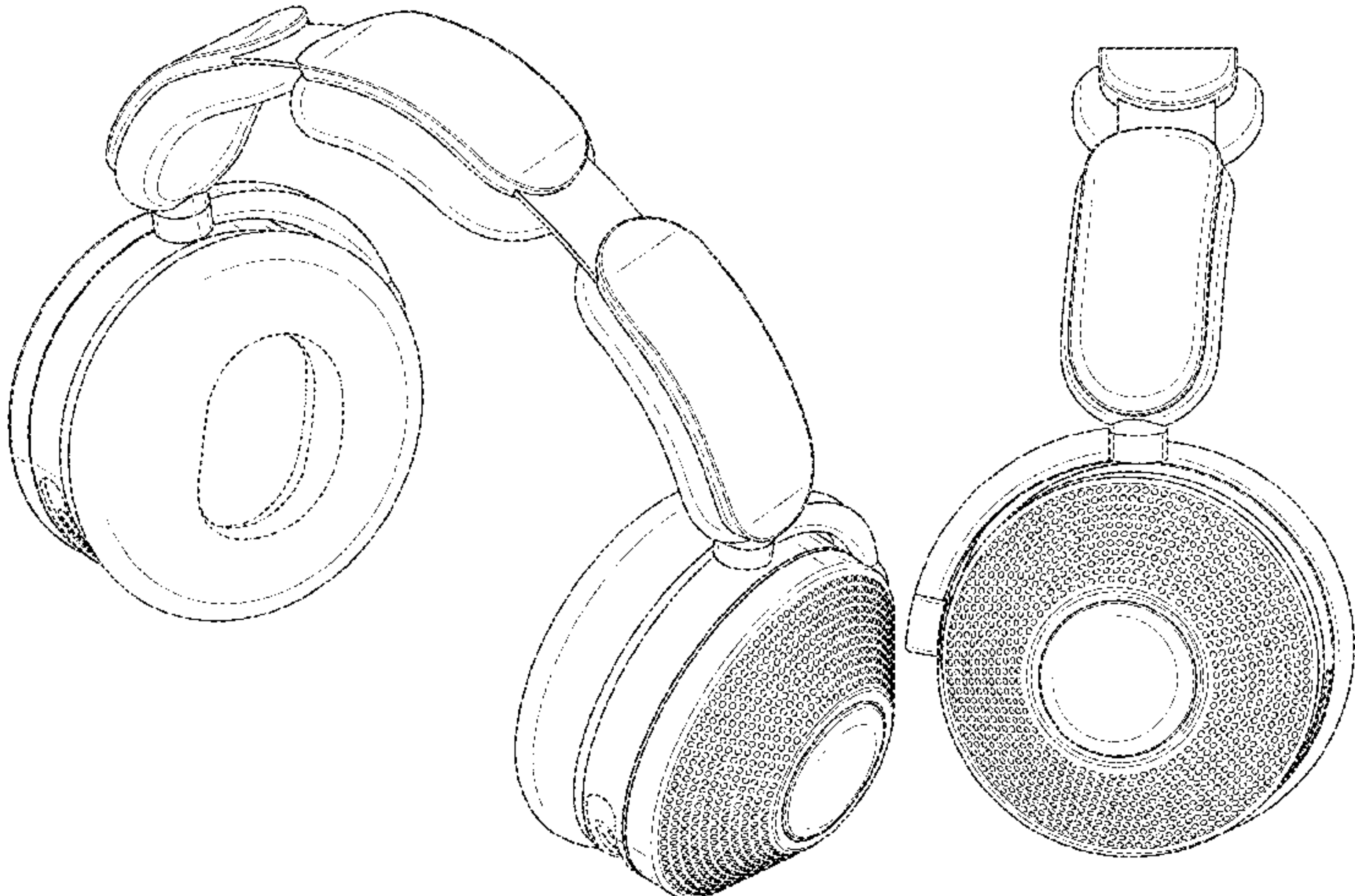
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(54)	AIR PURIFIER HEADPHONES	4,802,243	A *	2/1989	Griffiths	H04M 1/05 24/135 N
(71)	Applicant: Dyson Technology Limited, Wiltshire (GB)	5,046,192	A *	9/1991	Ryder	H04R 5/0335 2/209
(72)	Inventors: Mark Joseph Staniforth, Bristol (GB); Hannah Jayne Jobling Hersey, Newcastle (GB); Simon Brian McNamee, Bristol (GB); Howard Shi-How Cheng, Swindon (GB); Ben Lowson, Durham (GB)	5,165,117	A *	11/1992	Kamata	A42B 3/223 2/424
(73)	Assignee: Dyson Technology Limited, Malmesbury (GB)	5,333,329	A *	8/1994	Hong	A42B 3/222 2/424
(**)	Term: 15 Years	5,546,610	A *	8/1996	Herzig	A42B 3/166 2/424
(21)	Appl. No.: 29/839,499	D380,545	S *	7/1997	Nozaki	D24/110.2
(22)	Filed: May 20, 2022	D403,126	S	12/1998	Scanlon et al.	
(30)	Foreign Application Priority Data	D411,200	S	6/1999	Almqvist	
	Nov. 23, 2021 (EM) 001483788-0001	D541,257	S *	4/2007	Thursfield	D14/205
(51)	LOC (14) Cl. 14-01	7,200,873	B2 *	4/2007	Klotz	A42B 3/14 128/201.24
(52)	U.S. Cl. USPC D14/205; D14/226	D548,893	S *	8/2007	Hedge	D29/122
(58)	Field of Classification Search	D690,282	S *	9/2013	Lee	D14/205
	USPC D14/205, 226; D29/103, 112, 122; 2/171.3, 209; D24/110.1; 128/863; D23/364, 370, 386	D698,875	S *	2/2014	Childs	D21/662
	CPC H04R 25/00; H04R 25/02; H04R 1/1016; H04R 1/1066; H04R 5/033; H04R 5/0335; H04R 1/10; H04R 1/1091; A42B 1/24; A62B 18/02	D703,874	S	4/2014	Lebel	
	See application file for complete search history.	D715,829	S	10/2014	Aoshima	
(56)	References Cited	D722,041	S *	2/2015	Sparks	D14/206
	U.S. PATENT DOCUMENTS	D735,161	S *	7/2015	Sparks	D14/205
	3,721,993 A * 3/1973 Lonnstedt A61F 11/14 2/209	D735,691	S *	8/2015	Sparks	D14/205
	3,735,423 A * 5/1973 Droz A42C 5/04 D2/866	D753,819	S	4/2016	Rummery et al.	
		D761,847	S	7/2016	Tyler et al.	
		D767,754	S *	9/2016	Danford	D24/110.1
		D780,196	S	2/2017	Yang et al.	
		9,707,444 B1 *	7/2017	Danford	A63B 23/18	
		D802,021	S	11/2017	Pirklbauer	
		D813,202	S *	3/2018	Johnson	D14/299
		D826,209	S *	8/2018	Homewood	D14/205
		D826,895	S *	8/2018	Sharp	D14/205
		D826,975	S	8/2018	Baker et al.	
		D834,260	S *	11/2018	Garcia Mansilla	D29/112
		D859,356	S	9/2019	Hu et al.	
		D859,463	S	9/2019	Chen et al.	
		D868,026	S *	11/2019	Hardi	D14/205
		D872,943	S *	1/2020	Hall	D29/122
		D878,327	S *	3/2020	Dhondt	D14/205
		D879,139	S	3/2020	Stut et al.	
		D879,741	S *	3/2020	Hu	D14/205
		10,575,583 B2	3/2020	Stephens		
		D890,206	S	7/2020	Felkins et al.	
		D891,396	S *	7/2020	Matthews	D14/205
		D892,291	S	8/2020	Jennings et al.	
		D897,309	S *	9/2020	Cho	D14/205
		D911,355	S	2/2021	Kabel-Eckes et al.	
		D917,421	S *	4/2021	Zheng	D14/206
		D923,052	S	6/2021	Anzures et al.	
		D934,197	S *	10/2021	Snow	D14/205
		D935,438	S	11/2021	Chateau et al.	
		D937,803	S *	12/2021	Haaf	D23/370



D937,807 S	*	12/2021	Tong		D14/205
D940,193 S		1/2022	Fell et al.		
D945,484 S		3/2022	Williams		
D948,707 S		4/2022	Karidis		
D961,761 S	*	8/2022	Vaidya		D29/108
D967,176 S		10/2022	Mai et al.		
D968,356 S	*	11/2022	Zheng		D14/205
D975,740 S		1/2023	Apodaca et al.		
D978,444 S		2/2023	Chen		
D991,907 S	*	7/2023	Boutonet		D14/205
D992,597 S		7/2023	Walter et al.		
D997,186 S		8/2023	Zeiser et al.		
D1,004,767 S	*	11/2023	Danford		D29/108
2004/0199982 A1	*	10/2004	Wang-Lee		A42B 3/225 2/10
2010/0101584 A1	*	4/2010	Bledstein		A62B 18/10 128/863
2013/0139816 A1		6/2013	Proctor		
2014/0153766 A1	*	6/2014	Huang		H04R 1/1066 381/378
2017/0136270 A1		5/2017	Son et al.		
2018/0107005 A1		4/2018	Yang et al.		
2019/0034158 A1		1/2019	Zhao		
2020/0000639 A1		1/2020	Almeflo		
2020/0054901 A1		2/2020	Kudav et al.		
2021/0077762 A1		3/2021	Mauger et al.		
2021/0260415 A1		8/2021	Darling et al.		
2023/0181938 A1		6/2023	Pattullo et al.		
2023/0181939 A1		6/2023	Leat et al.		
2023/0191168 A1		6/2023	Pattullo et al.		

FOREIGN PATENT DOCUMENTS

CN	303338948	8/2015
CN	307853789	2/2023
CN	308123956	* 7/2023
GB	6207325	5/2022
GB	6207326	5/2022
GB	6207327	5/2022
GB	6207328	5/2022
IN	364238-001	* 5/2022
JP	1728464 S	10/2022
JP	1728465 S	10/2022
JP	1728466 S	10/2022
JP	D1728463	* 10/2022
JP	D1728511	* 10/2022
KR	30-1141163	12/2021
KR	30-1222554	7/2023

OTHER PUBLICATIONS

Article Name, posted Apr. 26, 2023 [online], [retrieved Oct. 31, 2023]. Retrieved from internet, https://www.amazon.com/Dyson-WP01-ZoneTM-headphones/dp/B0C3N D6PXG?ref_=pb_hm_dp_T2 (Year: 2023).

Connection procedure summary of ‘Dyson Zone’ . . . , posted date unavailable [online], [retrieved Nov. 22, 2023]. Retrieved from internet, https://gigazine.net/gsc_news/en/20230703-dyson-zone-air-purifying-headphone-app/. (Year: 2023).

Connection procedure summary of ‘Dyson Zone’ . . . , posted date unavailable [online], [retrieved Dec. 5, 2023]. Retrieved from internet, https://gigazine.net/gsc_news/en/20230703-dyson-zone-air-purifying-headphone-app/. (Year: 2023).

Connection procedure summary of ‘Dyson Zone’ where headphones and air purifier fused and management application MyDys . . . <https://>, posted date unavailable [online], [retrieved Nov. 22, 2023],

Retrieved from internet, https://gigazine.net/gsc_news/en/20230703-dyson-zone-air-purifying-headphone-app/. (Year: 2023).

Dyson Zone (Trademark) Apple Watch controls | Dyson Community, posted date Oct. 19, 2023 [online], [retrieved Nov. 22, 2023], Retrieved from internet, <https://community.dyson.com/tips-and-tricks-48/dyson-zone-apple-watch-controls-2466>. (Year: 2023).

Dyson Zone User Manual, posted date unavailable [online], [retrieved Nov. 22, 2023], Retrieved from internet, https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/wearables/headphones/wp01/N571_OUG_MASTER_AW-COE_032923.pdf. (Year: 2023).

Dyson Zone User Manual, posted date unavailable [online], [retrieved Nov. 22, 2023]. Retrieved from internet, https://www.dyson.com/content/dam/dyson/maintenance/user-guides/en_US/wearables/headphones/wp01/N571_OUG_MASTER_AW-COE_032923.pdf. (Year: 2023).

Dyson Zone™ Apple Watch controls | Dyson Community, posted date Oct. 19, 2023 [online], [retrieved Nov. 22, 2023], Retrieved from internet, <https://community.dyson.com/tips-and-tricks-48/dyson-zone-apple-watch-controls-2466>. (Year: 2023).

Headphones—Is the App AQ metrics broken? | Dyson Community, posted date Jun. 28, 2023 [online], [retrieved Nov. 22, 2023], Retrieved from internet, <https://community.dyson.com/general-discussion-163/headphones-is-the-app-aq-metrics-broken-1799>. (Year: 2023).

MyDyson (Trademark) on the App Store, posted date unavailable [online], [retrieved Nov. 22, 2023], Retrieved from internet, <https://apps.apple.com/us/app/mydyson/id993135524?platform=appleWatch>. (Year: 2023).

The price of Dyson’s air-purifying headphones is as absurd as its design, posted date unavailable [online], [retrieved Nov. 22, 2023]. Retrieved from internet, <https://www.theverge.com/2022/12/8/23499843/dyson-zone-air-purifier-headphones-price-release-date> (Year: 2023).

The price of Dyson’s air-purifying headphones . . . , posted date Dec. 8, 2022 [online], [retrieved Nov. 22, 2023], Retrieved from internet, <https://www.theverge.com/2022/12/8/23499843/dyson-zone-air-purifier-headphones-price-release-date>. (Year: 2022).

* cited by examiner

Primary Examiner — Paula Allen Greene
(74) Attorney, Agent, or Firm — Tucker Ellis LLP

(57) CLAIM

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

DESCRIPTION

FIG. 1 is a perspective view of air purifier headphones showing our new design;
FIG. 2 is a top view thereof;
FIG. 3 is a left side view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a front view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines illustrate portions of the air purifier headphones that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



FIG. 1

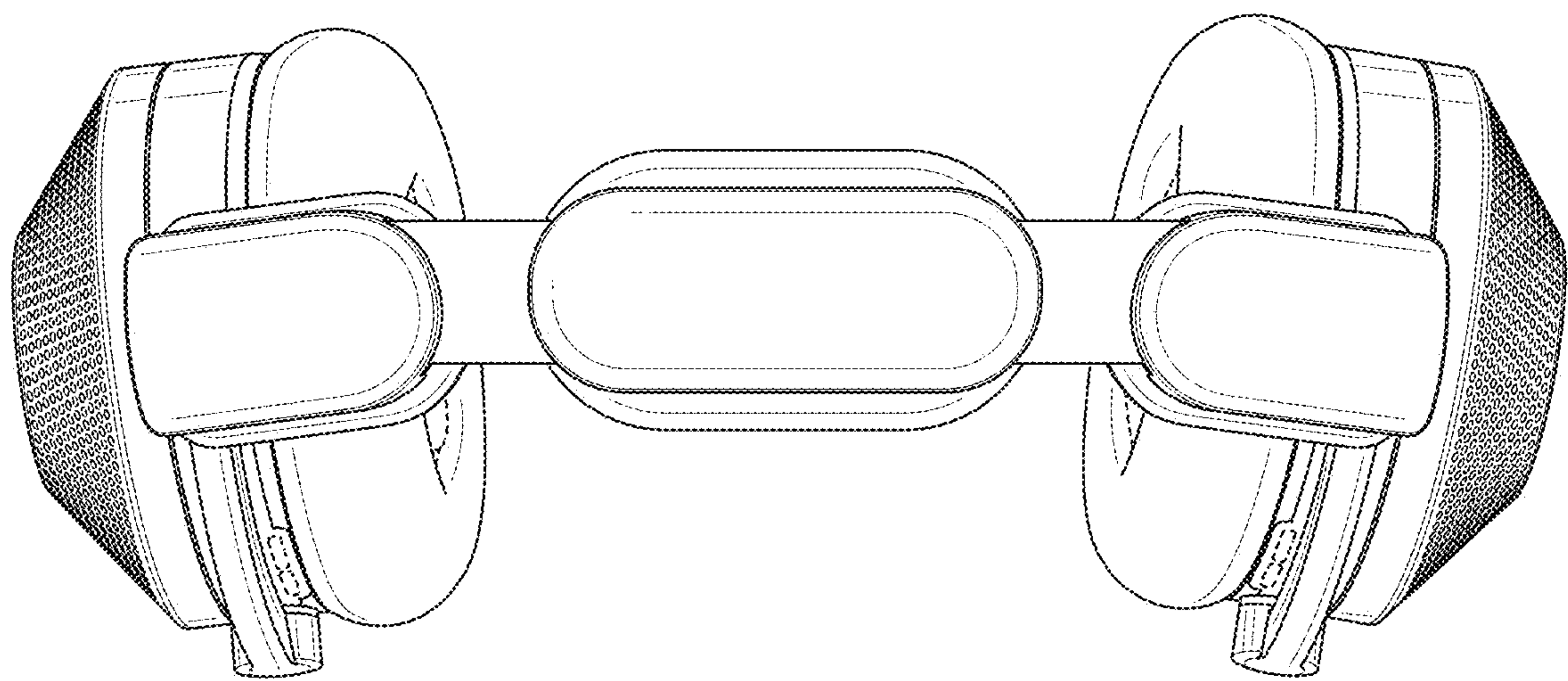


FIG. 2

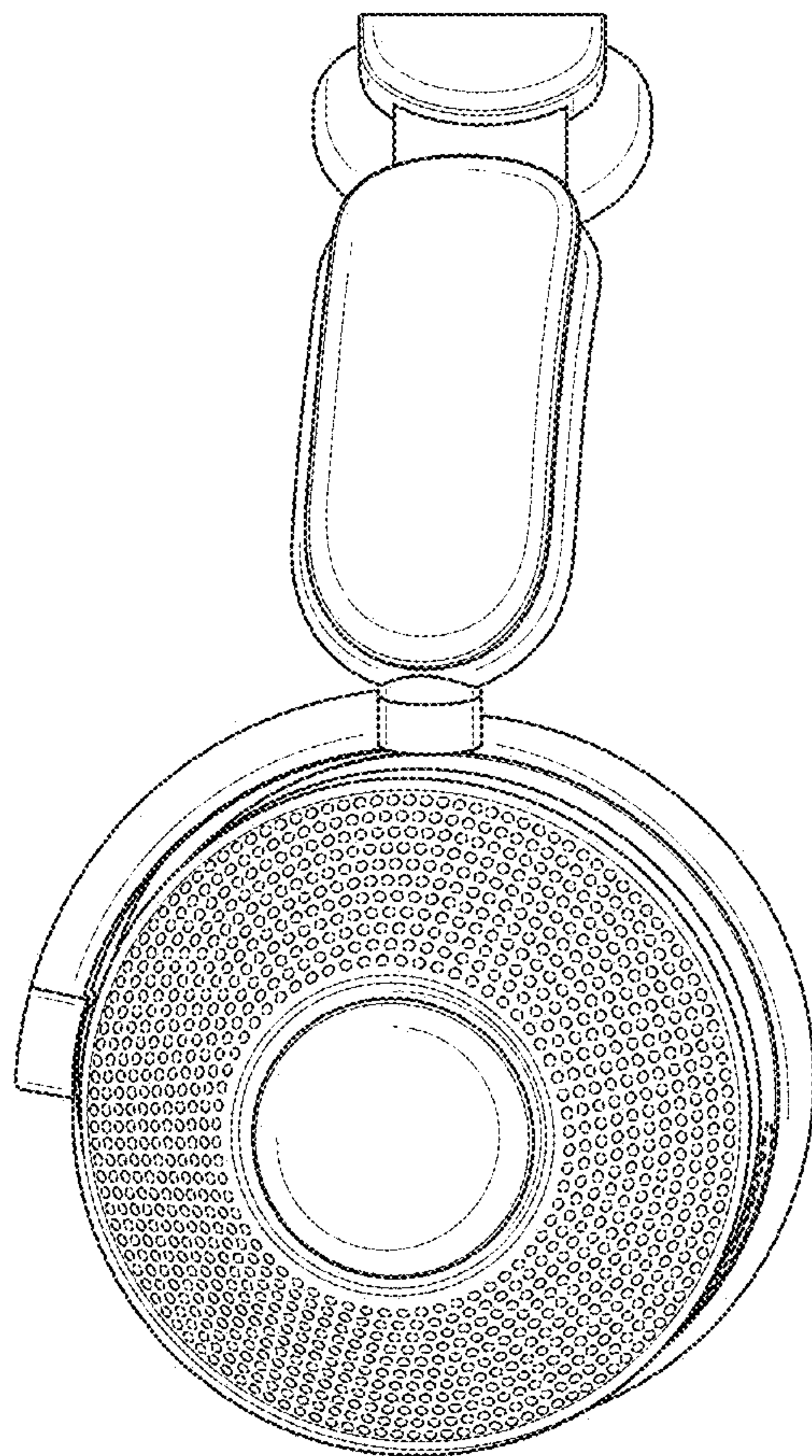


FIG. 3



FIG. 4

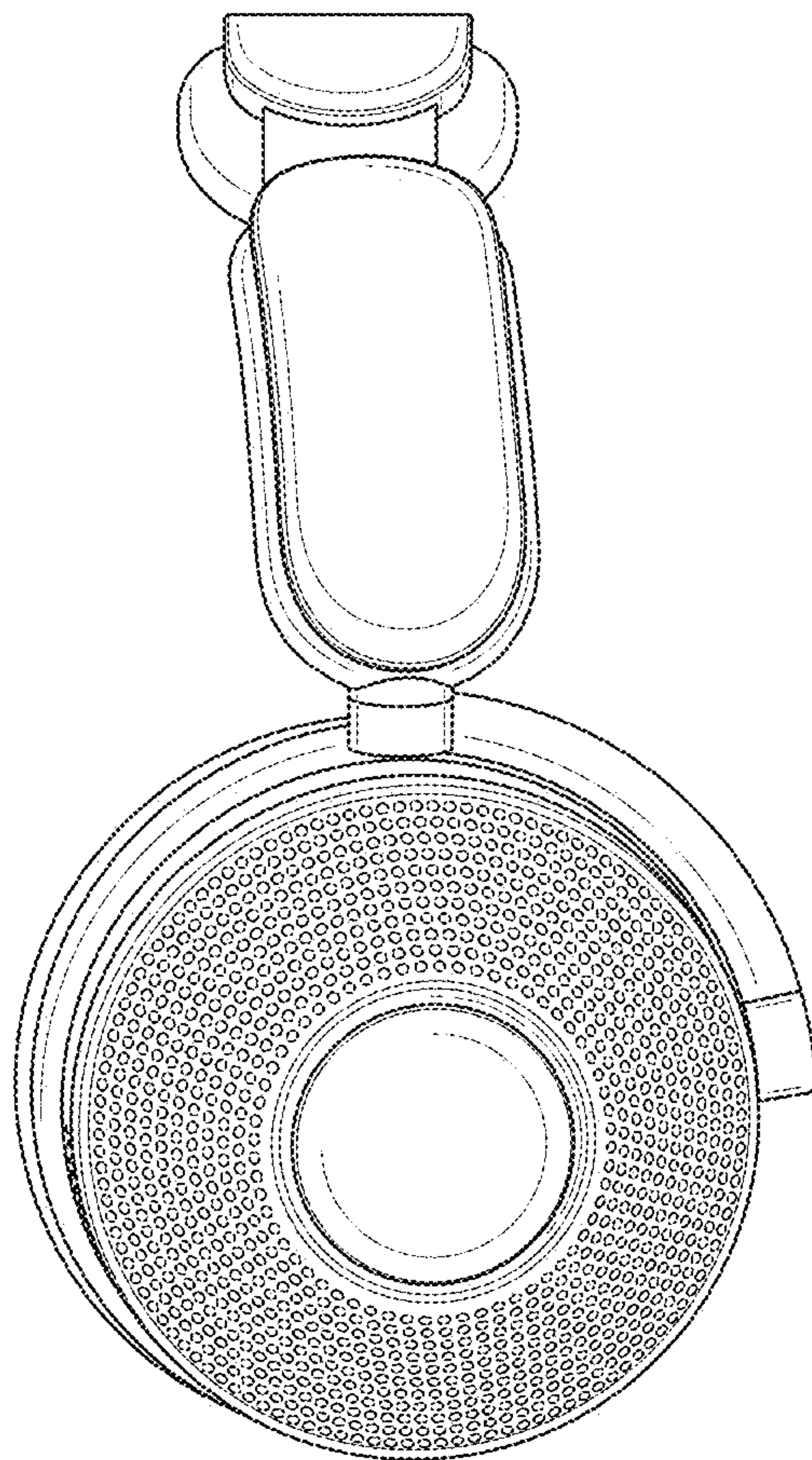


FIG. 5



FIG. 6

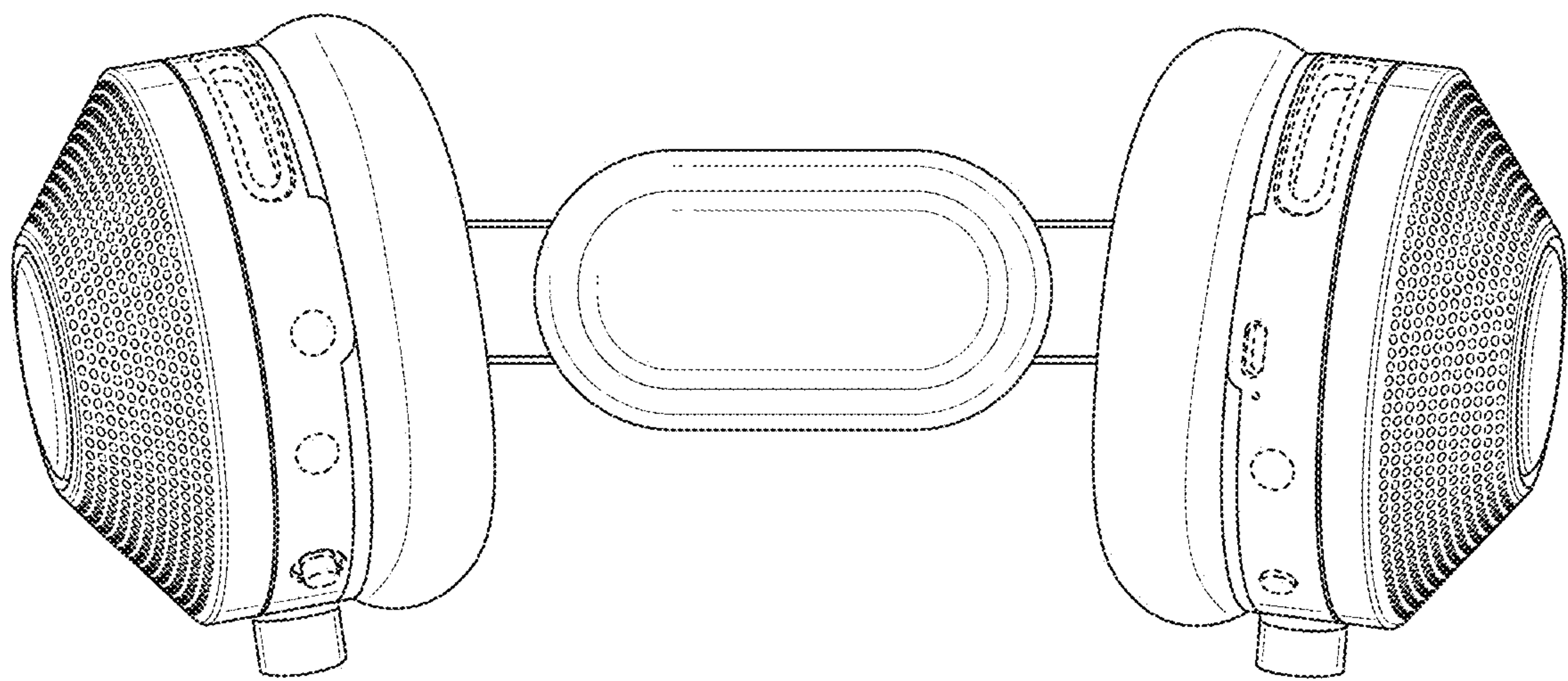


FIG. 7