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(12) **United States Design Patent** (10) **Patent No.:** **US D801,314 S**
Akana et al. (45) **Date of Patent:** **** Oct. 31, 2017**

(54) **PAIR OF EARPHONES**

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

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(51) **LOC (10) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/223; D14/205**

(58) **Field of Classification Search**

USPC D14/223, 205, 188, 192; D24/174; 181/129, 130, 135; 379/430, 431;
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,148,477 A 2/1939 Koch
2,595,489 A 5/1952 Rutter et al.
(Continued)

FOREIGN PATENT DOCUMENTS

CN 301938367 S 5/2012
CN 302414771 S 4/2013
(Continued)

OTHER PUBLICATIONS

iBlink WLP3 Earbuds—100Hz-10kHz, Noise Isolation, 3.5mm Jack, LED Light (Pink), White, TigerDirect.com, accessed at http://www.tigerdirect.com/applications/SearchTools/item-details.asp?EdpNo=3988300&csid=_61, last accessed on Jan. 31, 2013; 4 pages.

(Continued)

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(57) **CLAIM**

The ornamental design for a pair of earphones, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a pair of earphones showing the claimed design;
FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;

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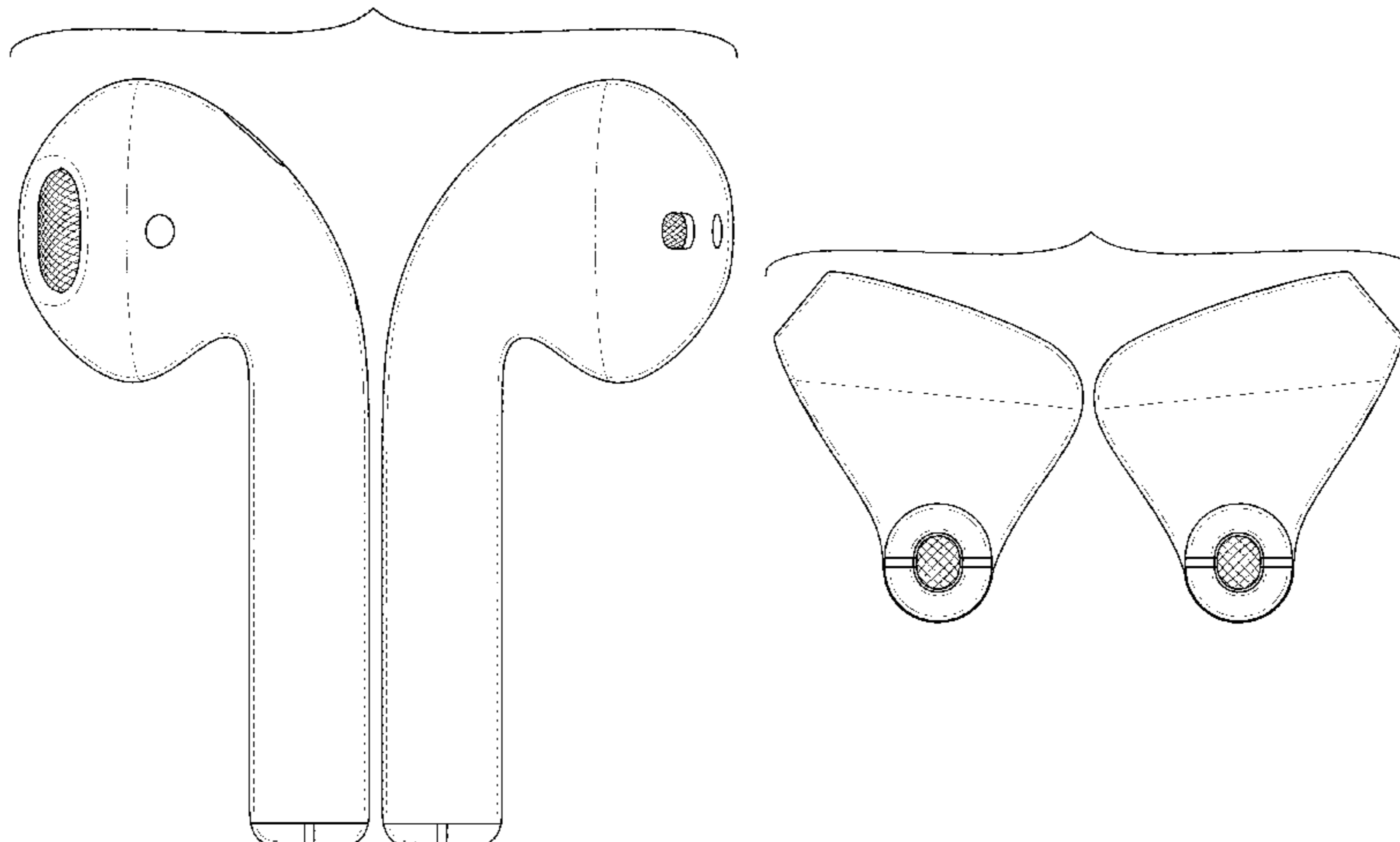


FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

1 Claim, 7 Drawing Sheets

(58) Field of Classification Search

USPC 381/380, 381, 384, 324, 325, 327, 328,
381/374, 370, 371; 455/90.3, 575.1,
455/569.1
CPC H04R 1/10; H04R 25/00; H04R 1/105;
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See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

3,368,644	A	2/1968	Henderson	
4,532,649	A	7/1985	Bellafiore	
4,672,672	A	6/1987	Eggert et al.	
4,677,675	A	6/1987	Killion et al.	
4,736,430	A	4/1988	Schroder	
4,893,344	A *	1/1990	Tragardh	H04M 1/05 379/430
4,965,838	A	10/1990	Kamon et al.	
4,972,492	A *	11/1990	Tanaka	H04R 1/1016 181/130
D316,550	S *	4/1991	Sogabe	D14/168
D331,057	S	11/1992	Isonaga	
D331,061	S *	11/1992	Hyohgo	D14/223
D337,118	S	7/1993	Seikita	
D337,589	S *	7/1993	Wada	D14/223
D344,800	S	3/1994	Lamby	
D353,379	S	12/1994	Nakamura et al.	
5,420,935	A	5/1995	Shinohara et al.	
D410,079	S	5/1999	Falco et al.	
6,122,369	A	9/2000	Hwang et al.	
D463,789	S *	10/2002	DeKalb	D14/223
D469,753	S	2/2003	Andre et al.	
6,690,807	B1	2/2004	Meyer	
D488,460	S	4/2004	Alwicker et al.	
6,731,772	B1	5/2004	Byun	
D499,397	S	12/2004	Hlas et al.	
D505,132	S	5/2005	Linville et al.	
D506,744	S	6/2005	Andre et al.	
D515,070	S	2/2006	Andre et al.	
D518,008	S	3/2006	Peng	
D523,846	S	6/2006	Lee	
D533,868	S	12/2006	Koizumi	
D540,313	S	4/2007	Rausch et al.	
D554,109	S	10/2007	Ledbetter et al.	
D557,689	S	12/2007	Huang	
D566,687	S	4/2008	Duarte et al.	
D568,291	S	5/2008	Andre et al.	
D573,977	S	7/2008	Ledbetter et al.	
D575,269	S	8/2008	Ledbetter et al.	
D578,518	S	10/2008	Ewert	
D579,923	S	11/2008	Andre et al.	
D587,677	S	3/2009	Andre et al.	
D589,491	S	3/2009	Andre et al.	
D589,498	S	3/2009	Komiyama	
D590,375	S	4/2009	Komiyama	
D593,537	S	6/2009	Arimoto	
D596,616	S	7/2009	Andre et al.	
D599,330	S *	9/2009	Andre	D14/223
D601,134	S	9/2009	Elabidi et al.	
D616,874	S	6/2010	Matsuoka	
D618,209	S	6/2010	Andre et al.	
D618,210	S	6/2010	Andre et al.	
D618,219	S	6/2010	Burgett et al.	
D622,265	S	8/2010	Rye	
D626,948	S	11/2010	Nault	
D627,766	S	11/2010	Arimoto	
D628,193	S	11/2010	Zheng	

D632,282	S	2/2011	Kitayama	
D633,086	S	2/2011	Chen	
D635,960	S	4/2011	Gondo et al.	
D639,279	S	6/2011	Andre et al.	
D641,738	S *	7/2011	Perez	D14/223
D652,823	S	1/2012	Chen	
D656,481	S	3/2012	McManigal	
D662,493	S	6/2012	Chen	
D662,495	S	6/2012	Andre et al.	
D664,523	S	7/2012	Naitou	
D666,580	S	9/2012	Lee et al.	
D669,058	S	10/2012	Lee et al.	
D669,453	S	10/2012	Katsuraku et al.	
D674,781	S	1/2013	Sakata	
D675,194	S	1/2013	Andre et al.	
8,345,912	B2 *	1/2013	Akihiko	H04R 1/105 379/430
D676,427	S	2/2013	Yang	
8,391,533	B2	3/2013	Sim et al.	
D681,015	S	4/2013	Akana et al.	
D687,418	S *	8/2013	Godfrey	D14/223
D687,419	S	8/2013	Andre et al.	
8,515,116	B2	8/2013	Lee	
D691,594	S	10/2013	Akana et al.	
D694,220	S	11/2013	Lee et al.	
D706,643	S	6/2014	Akana et al.	
D707,206	S *	6/2014	Akana	H04R 1/10 D14/223
D711,857	S *	8/2014	Burgett	D14/223
8,800,712	B2	8/2014	Campbell et al.	
D712,279	S	9/2014	Akana et al.	
D718,284	S	11/2014	Shibusawa	
D718,285	S	11/2014	Shibusawa	
8,965,030	B2 *	2/2015	Aase	H04R 1/1016 381/370
D728,533	S	5/2015	Poulsen et al.	
D732,007	S	6/2015	Oksman et al.	
D732,008	S *	6/2015	Akana	H04R 1/10 D14/223
D733,101	S	6/2015	Pi et al.	
D733,689	S	7/2015	Narita	
D738,864	S *	9/2015	Lee	D14/223
D741,287	S *	10/2015	Harata	D14/205
D747,295	S	1/2016	Eastwood et al.	
D755,759	S	5/2016	Cai	
D757,682	S *	5/2016	Perez	D14/205
2012/0155692	A1	6/2012	Chen	
2012/0237074	A1	9/2012	Aase	
2013/0004011	A1 *	1/2013	Hayashida	H04R 1/1016 381/380
2013/0343593	A1 *	12/2013	Howes	H04R 1/1016 381/380
2013/0343595	A1	12/2013	Zorkendorfer et al.	
2015/0382100	A1 *	12/2015	Azmi	H04R 1/1091 381/380
2017/0164087	A1 *	6/2017	Kurtz	H04R 1/105

FOREIGN PATENT DOCUMENTS

CN	302672007	S	12/2013
CN	303180712	S	4/2015
CN	303634602	S	4/2016
CN	303640496	S	4/2016
CN	303701471	S	6/2016

OTHER PUBLICATIONS

Philips SHE2650/37 In-Ear Earbuds with Twin Vents, ShoppingNexus.com, accessed at <http://www.shoppingnexus.com/electronics/pr/philips-she265037-in-ear-earbuds-with-twin-vents1.html>, last accessed on Jan. 31, 2013; 1 page.
Japanese Patent Office Document HJ 27054573, dated Jul. 26, 2017.
Japanese Patent Office Document HJ 21000610, dated Jul. 26, 2017.

* cited by examiner

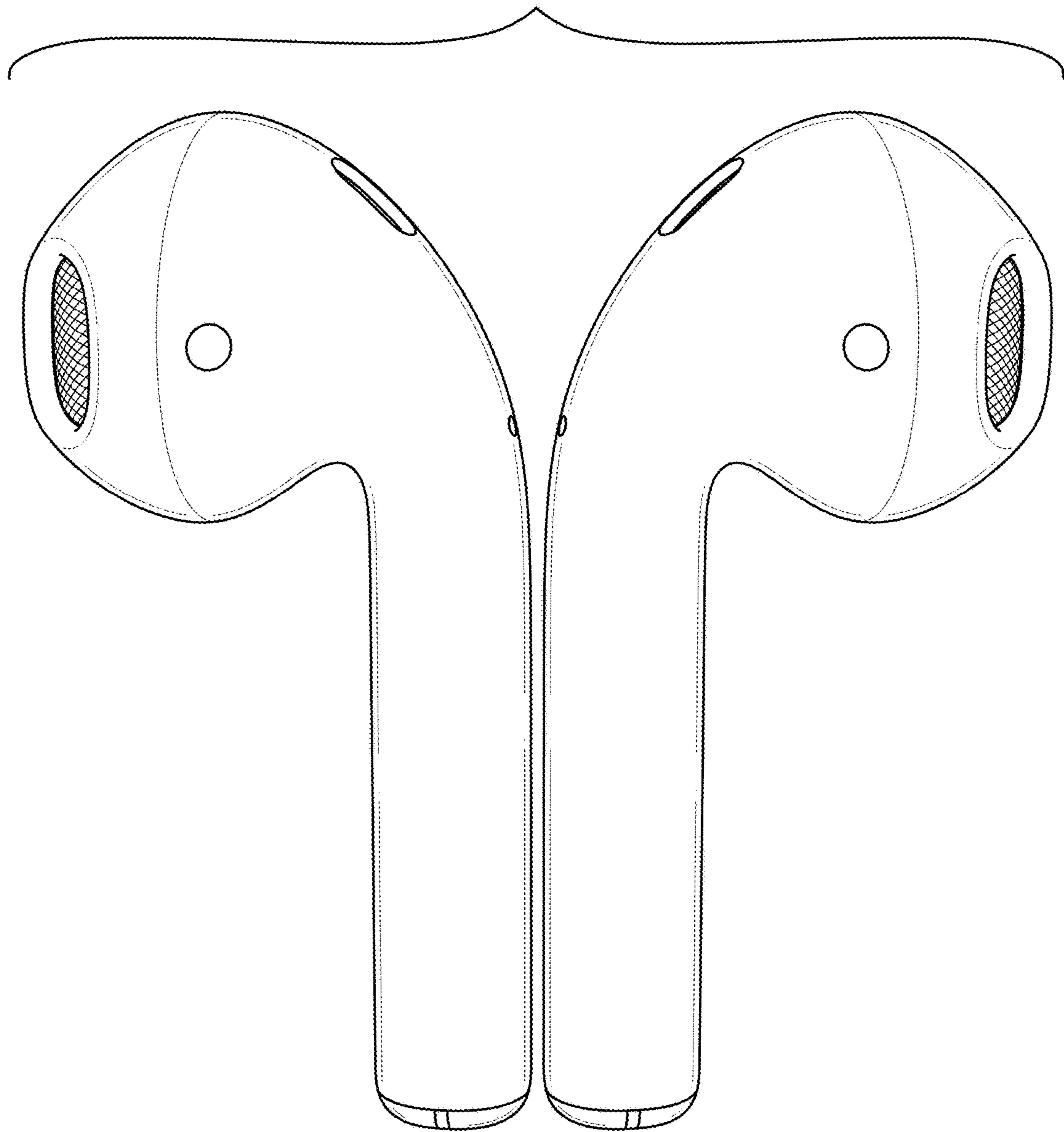


FIG. 1

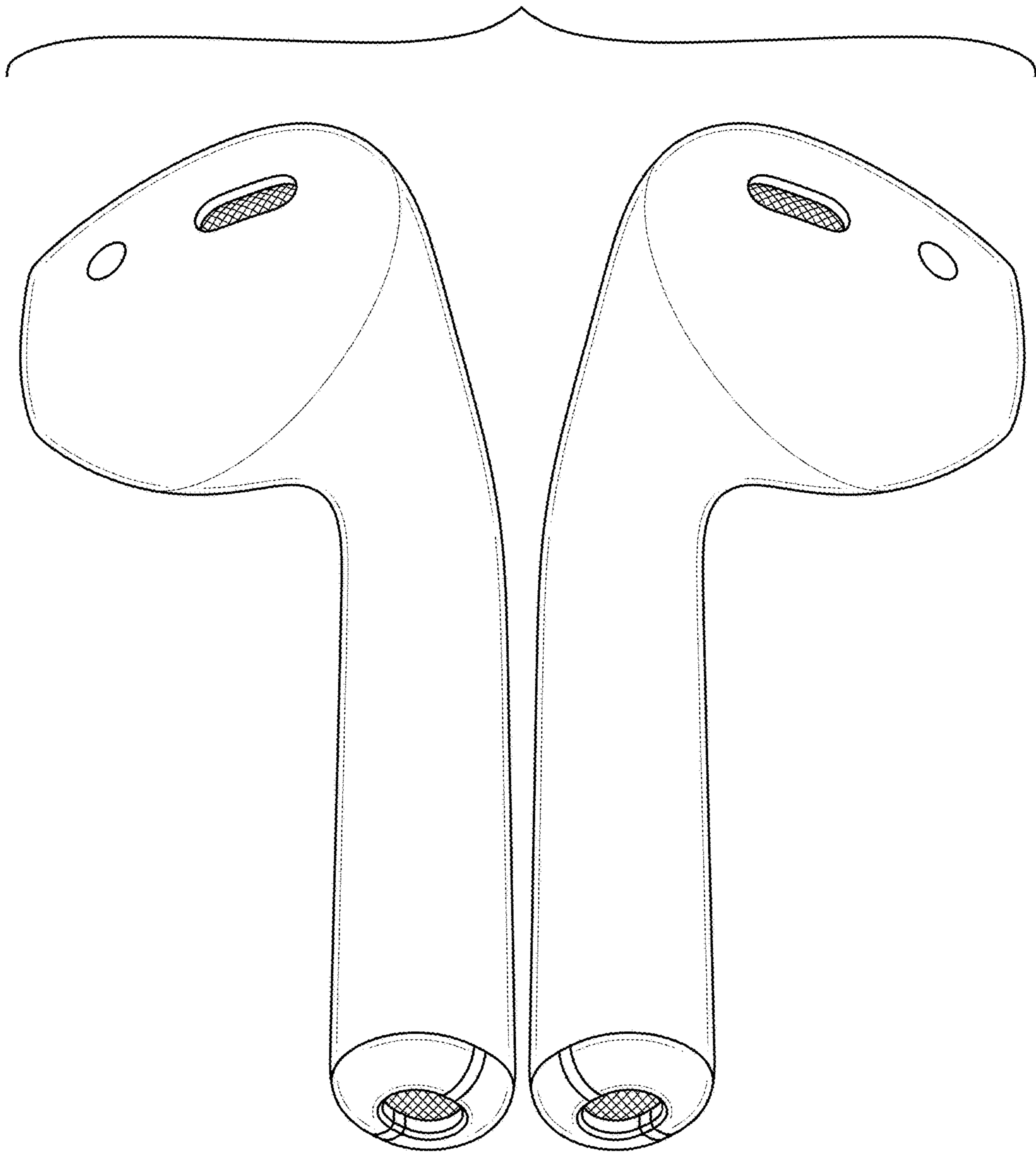


FIG. 2

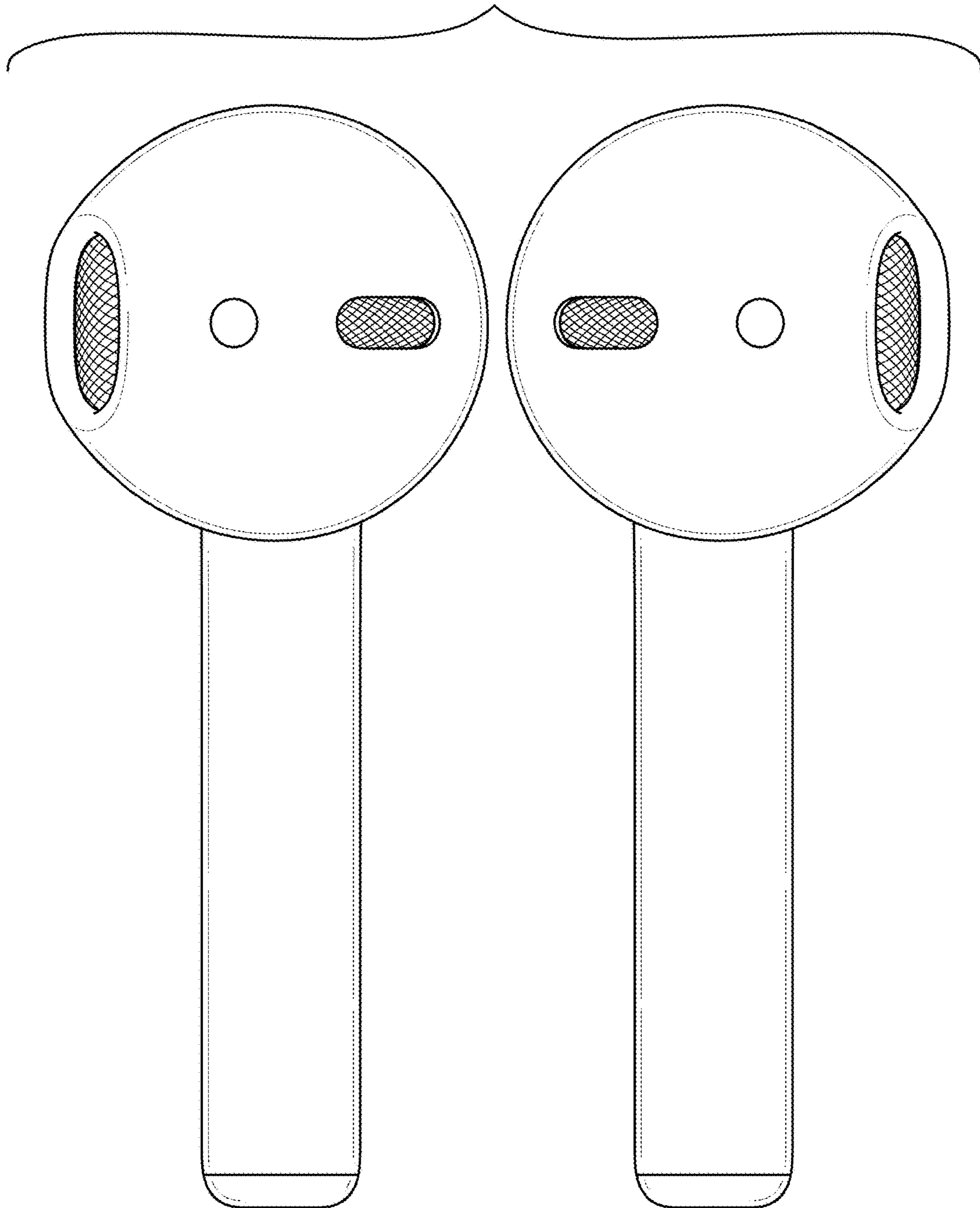


FIG. 3

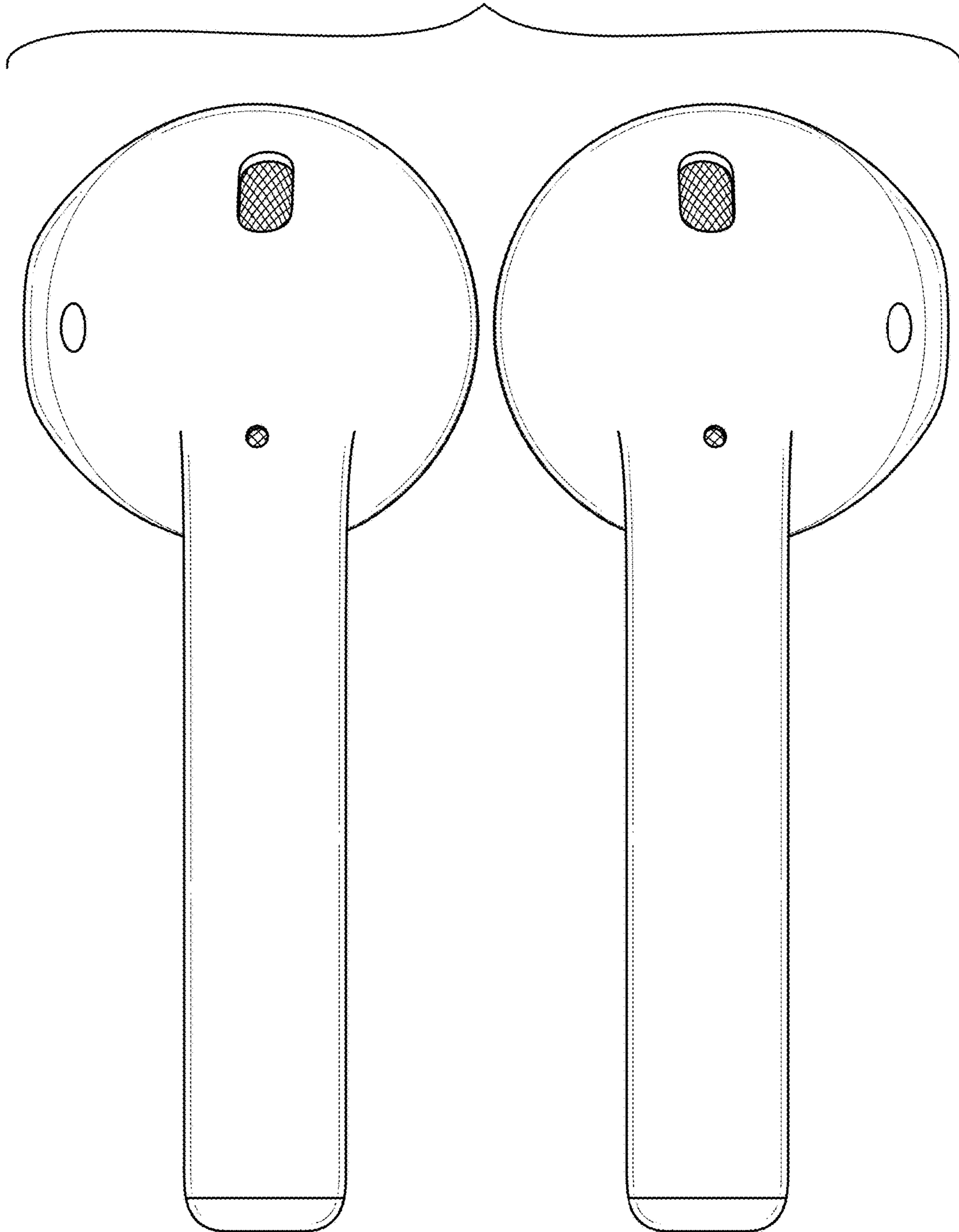


FIG. 4

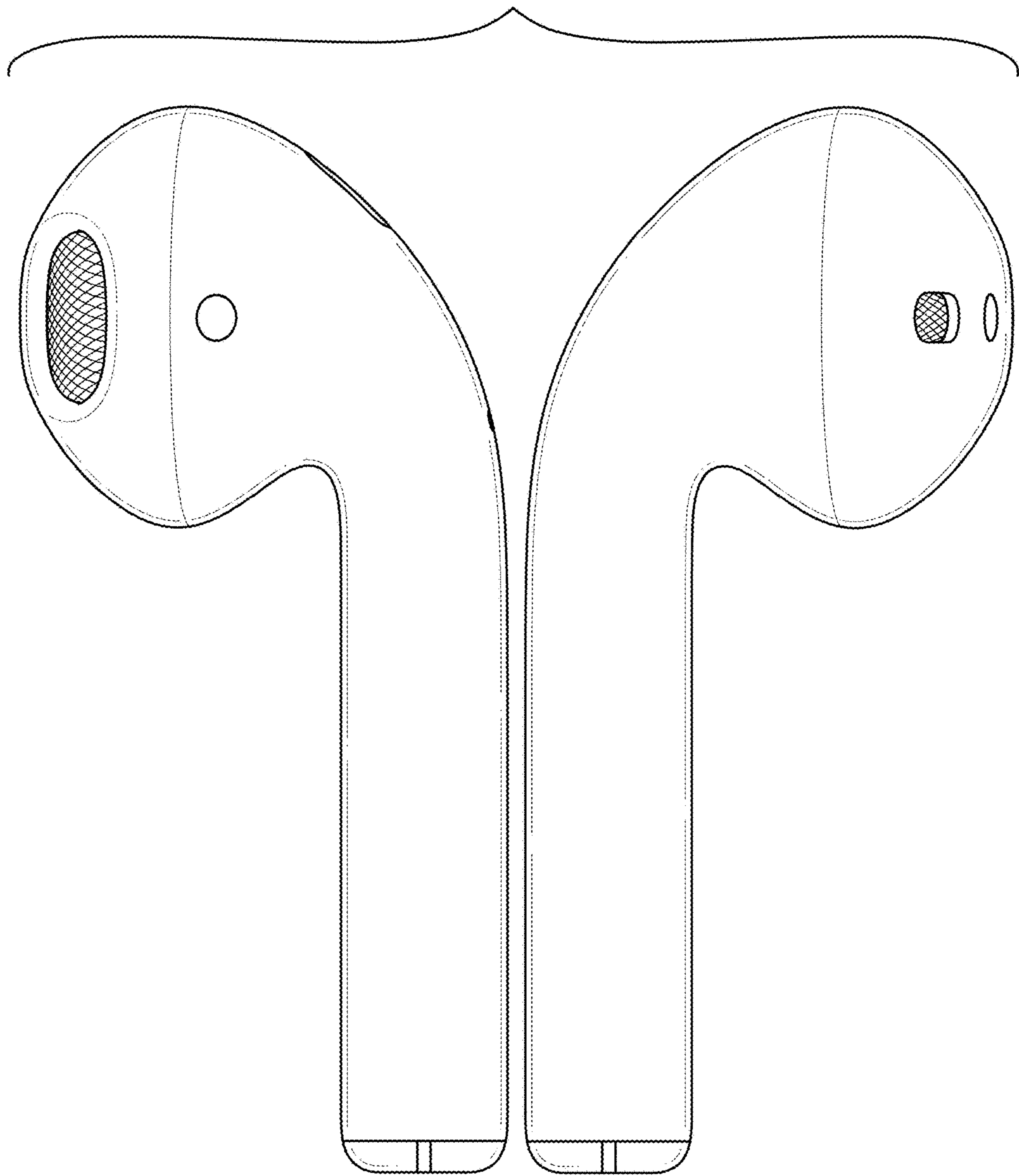


FIG. 5

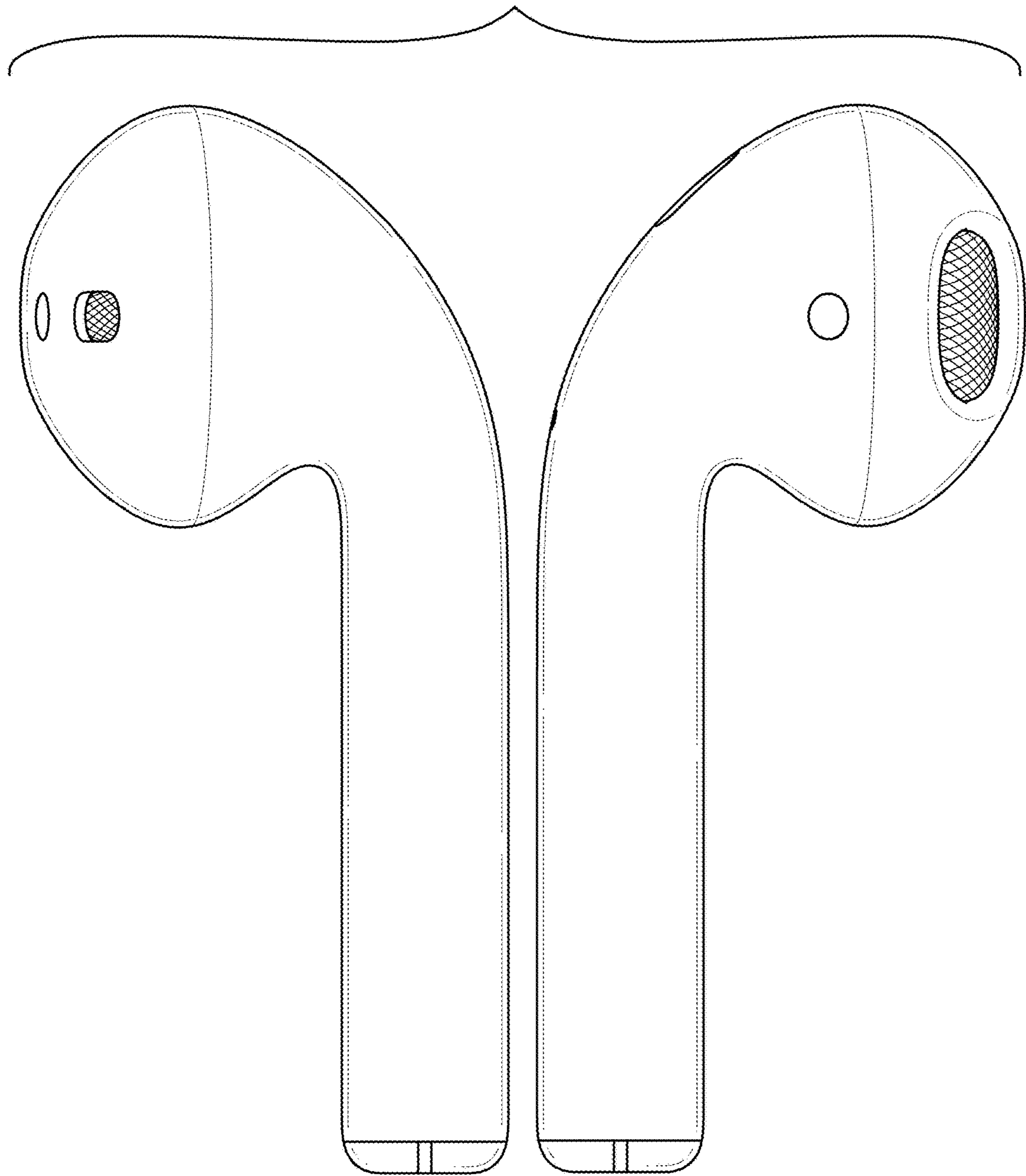


FIG. 6

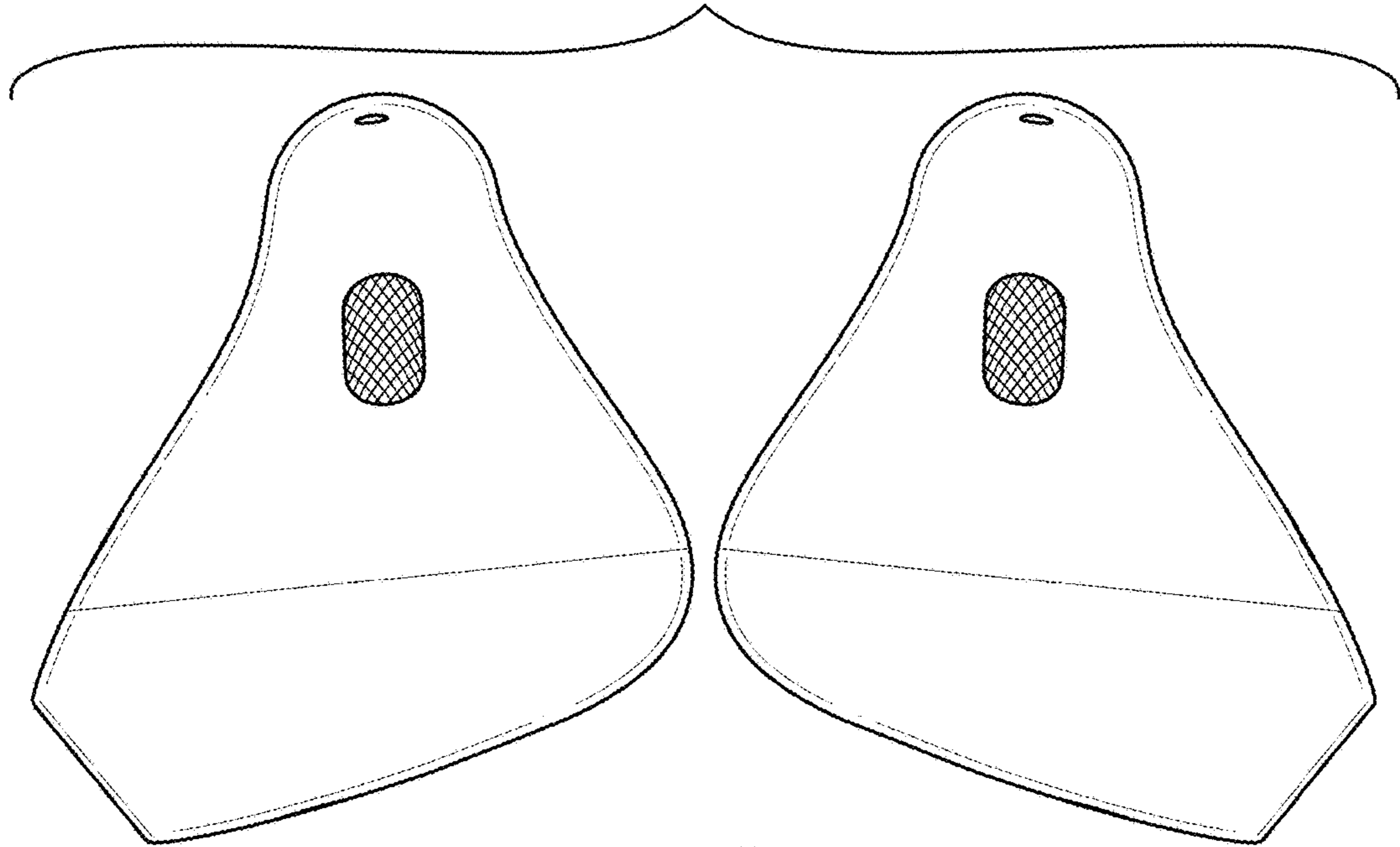


FIG. 7

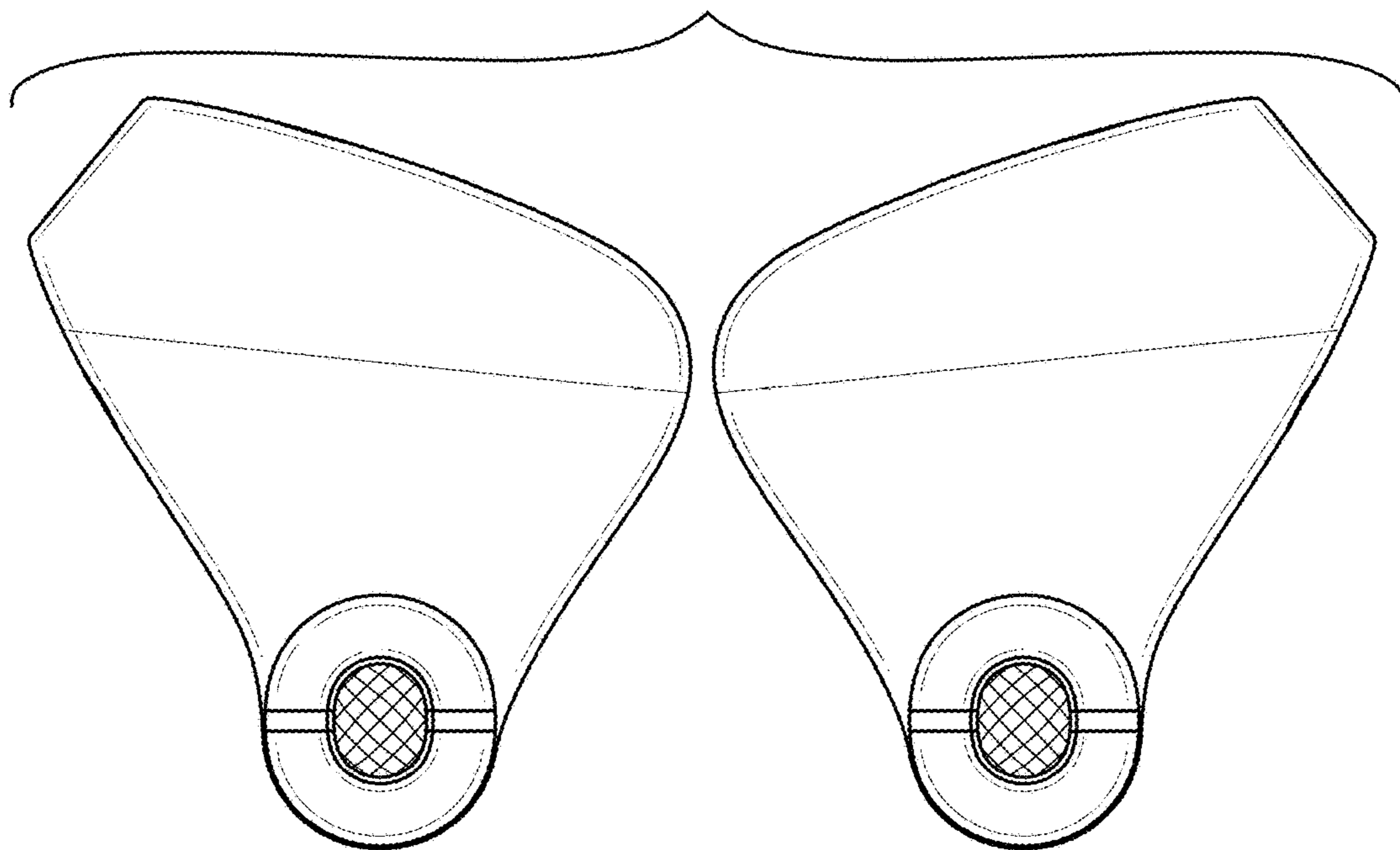


FIG. 8