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(12) **United States Design Patent**
Zhang et al.

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- (54) **WIRELESS SPEAKER**
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- 3,322,609 A * 5/1967 Vida B29C 70/58
428/150
- 3,891,810 A * 6/1975 Hayashi H04R 1/1008
381/373
- 4,237,459 A * 12/1980 Cordova G09F 9/302
345/47
- 4,339,136 A * 7/1982 Gittings A63F 3/02
273/241
- 4,821,318 A * 4/1989 Wu H04M 1/05
379/430
- 4,949,081 A * 8/1990 Keller G09F 9/302
345/33
- 5,266,934 A * 11/1993 Van Almen G09F 9/302
345/50

(Continued)

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- (52) **U.S. Cl.**
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- (58) **Field of Classification Search**
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D14/226; D2/959; D5/53; 428/45;
181/205; 381/380, 381, 374; D29/112;
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CPC H04R 25/00; H04R 25/02; H04R 1/1066;
H04R 1/1016; H04R 1/1091; H04R 1/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 1,099,837 A * 6/1914 Black B44F 9/04
264/73
- 2,098,277 A * 11/1937 Conticchio A43B 21/06
36/35 B

FOREIGN PATENT DOCUMENTS

JP D1634199 * 5/2019

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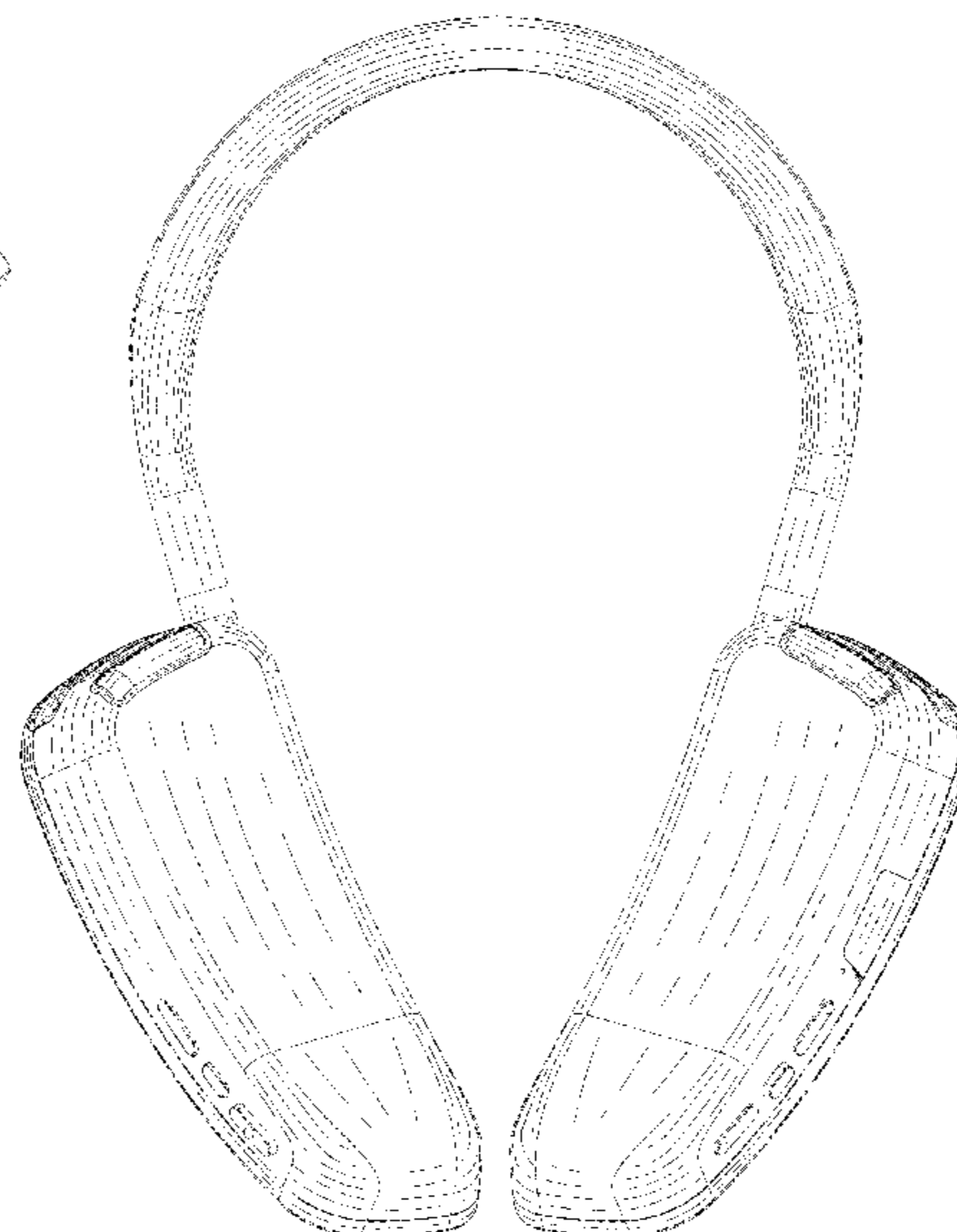
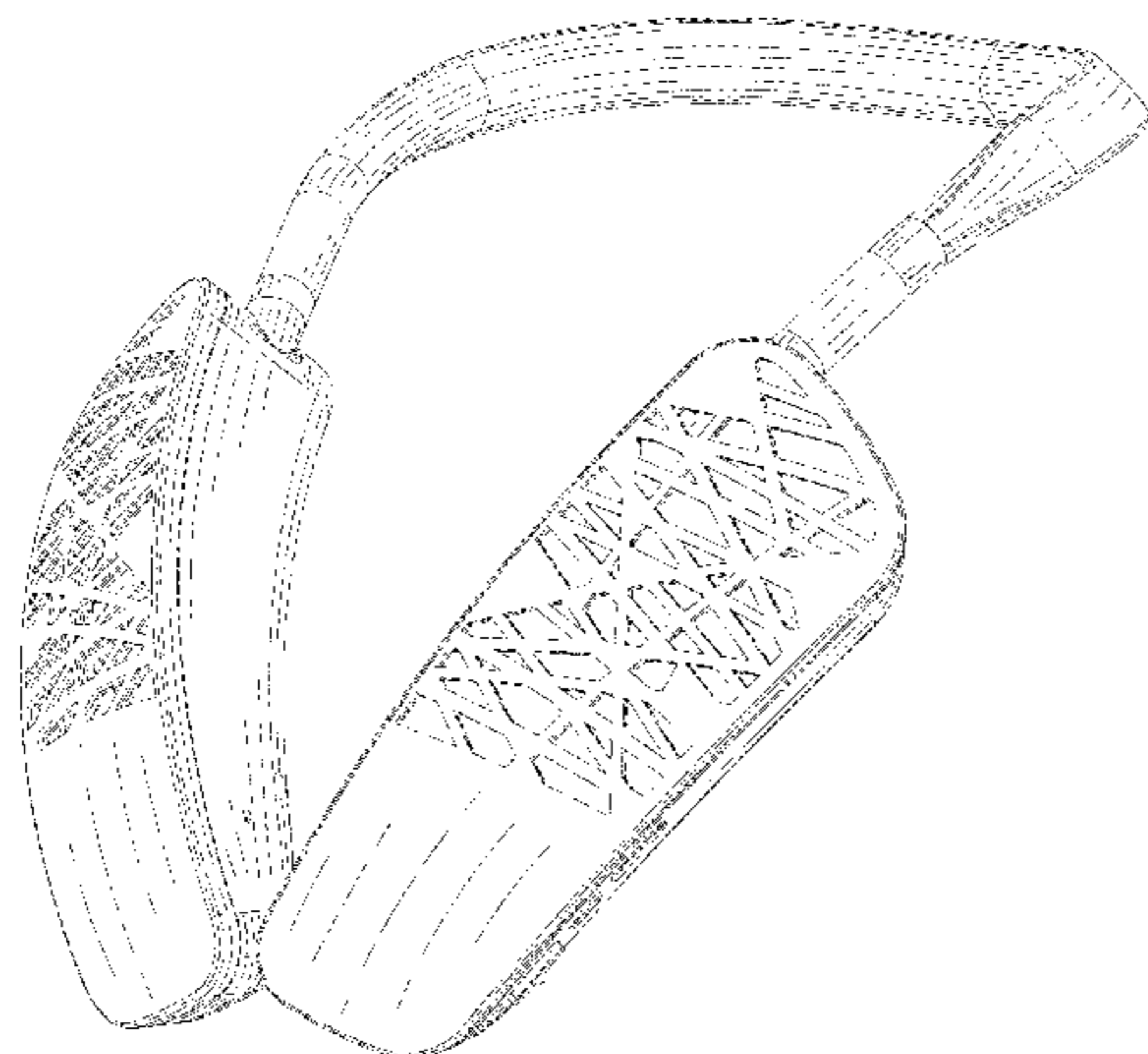
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a wireless speaker;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof; a part is shown separately for ease of illustration;
FIG. 5 is a right side view thereof; a part is shown separately for ease of illustration;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines in the figures depict portions of the wireless speaker that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,819,454	A *	10/1998	Rosenitsch	.....	G09F 9/3023				
					40/452				
7,337,565	B2 *	3/2008	Tsutsumi	.....	G02F 1/134327				
					340/815.53				
D582,898	S *	12/2008	Nam	.....	D14/223				
D617,769	S *	6/2010	Birger	.....	D14/205				
D678,244	S *	3/2013	Behar	.....	D14/214				
D690,680	S *	10/2013	McManigal	.....	D14/205				
D722,589	S *	2/2015	Lu	.....	D14/205				
D726,649	S *	4/2015	Lee	.....	D13/103				
D727,005	S *	4/2015	Portzline	.....	D2/959				
D762,617	S *	8/2016	Park	.....	D14/205				
D769,596	S *	10/2016	Hardman	.....	D2/959				
D777,137	S *	1/2017	Erbeus	.....	D14/205				
D788,425	S *	6/2017	Anceresi	.....	D2/959				
D790,503	S *	6/2017	Lok	.....	D14/205				
D794,932	S *	8/2017	Parrett	.....	D2/959				
9,774,943	B1 *	9/2017	Weitzner	.....	H04R 1/105				
9,794,683	B2 *	10/2017	Kim	.....	H04R 1/1041				
D804,061	S *	11/2017	Li	.....	D25/163				
D806,053	S *	12/2017	Lee	.....	D14/205				
D826,898	S *	8/2018	Kim	.....	D14/205				
D830,341	S *	10/2018	Yokozeki	.....	D14/210				
D832,819	S *	11/2018	Park	.....	D14/205				
D840,971	S *	2/2019	Summerson	.....	D14/205				
D841,616	S *	2/2019	Bian	.....	D14/205				
D843,346	S *	3/2019	Kim	.....	D14/205				
D845,270	S *	4/2019	Weber	.....	D14/205				
D851,061	S *	6/2019	Zeng	.....	D14/205				
D852,168	S *	6/2019	Zhou	.....	D14/205				
D853,987	S *	7/2019	Kelley	.....	D14/205				
D854,512	S *	7/2019	Huang	.....	D14/205				
D856,972	S *	8/2019	Shin	.....	D14/206				
D858,480	S *	9/2019	Weber	.....	D14/205				
D858,481	S *	9/2019	Saule	.....	D14/205				
D861,311	S *	10/2019	Hatfield	.....	D2/959				
D890,121	S *	7/2020	Tsubone	.....	D14/205				
D890,126	S *	7/2020	Lee	.....	D14/205				
D890,493	S *	7/2020	VanHook	.....	D2/957				
D891,396	S *	7/2020	Matthews	.....	D14/205				
2015/0313312	A1 *	11/2015	Park	.....	A43B 13/16				
					36/31				
2017/0347192	A1 *	11/2017	Seo	.....	H04R 5/04				

* cited by examiner

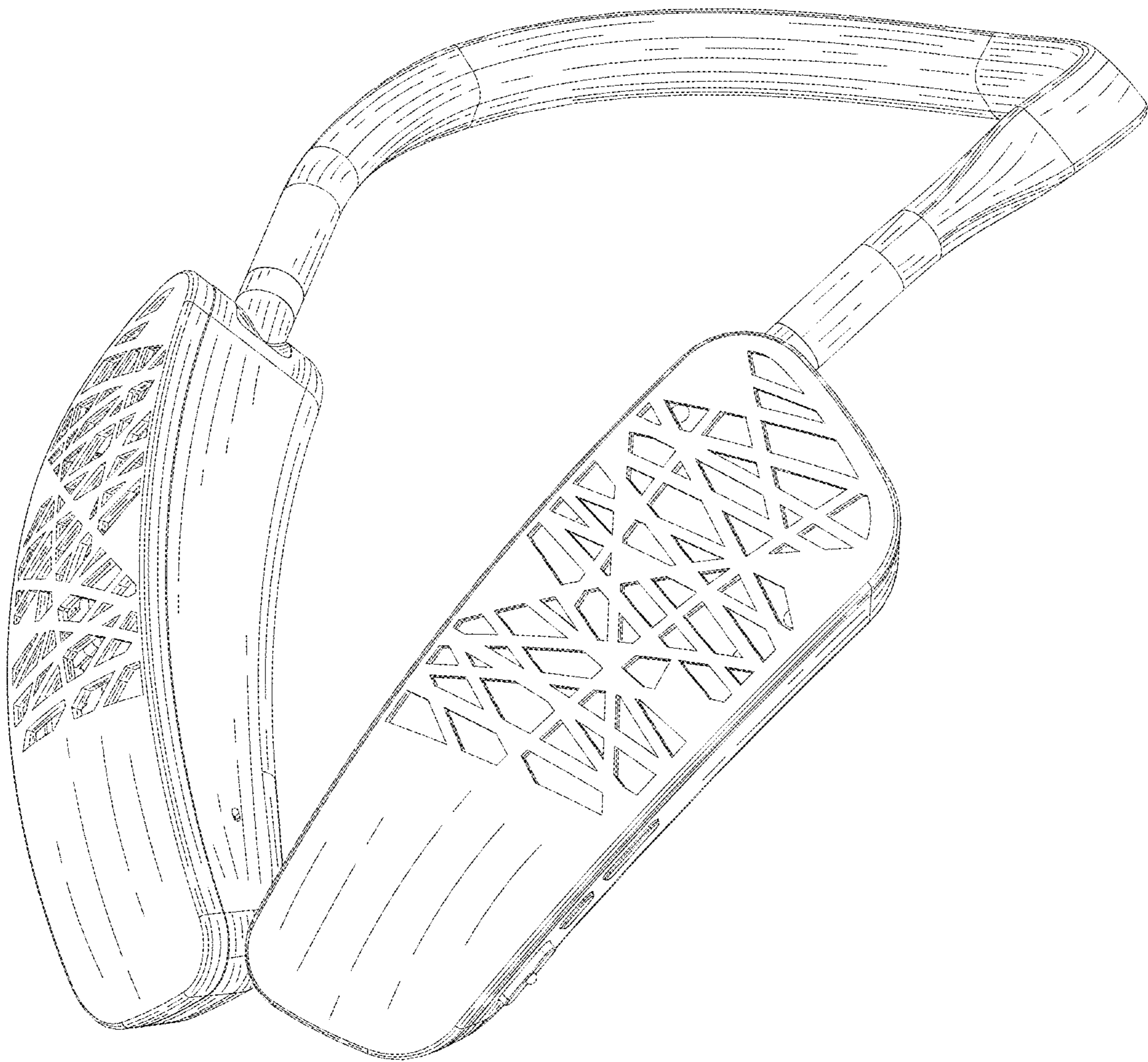


FIG. 1



FIG. 2



FIG.3

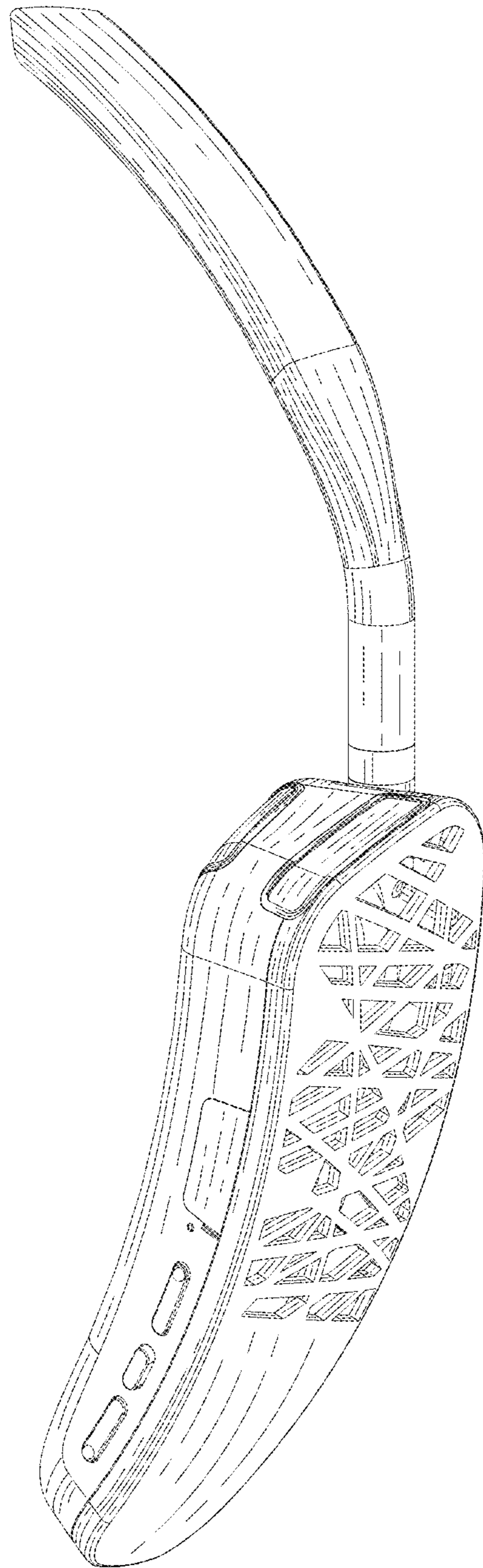


FIG. 4

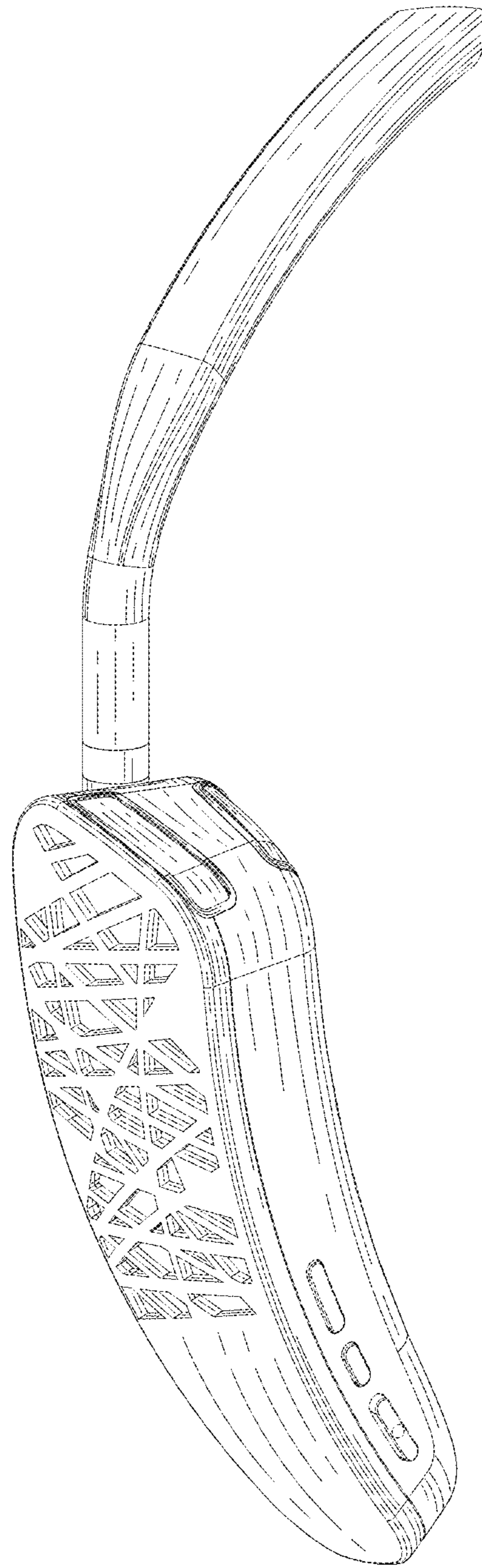


FIG. 5

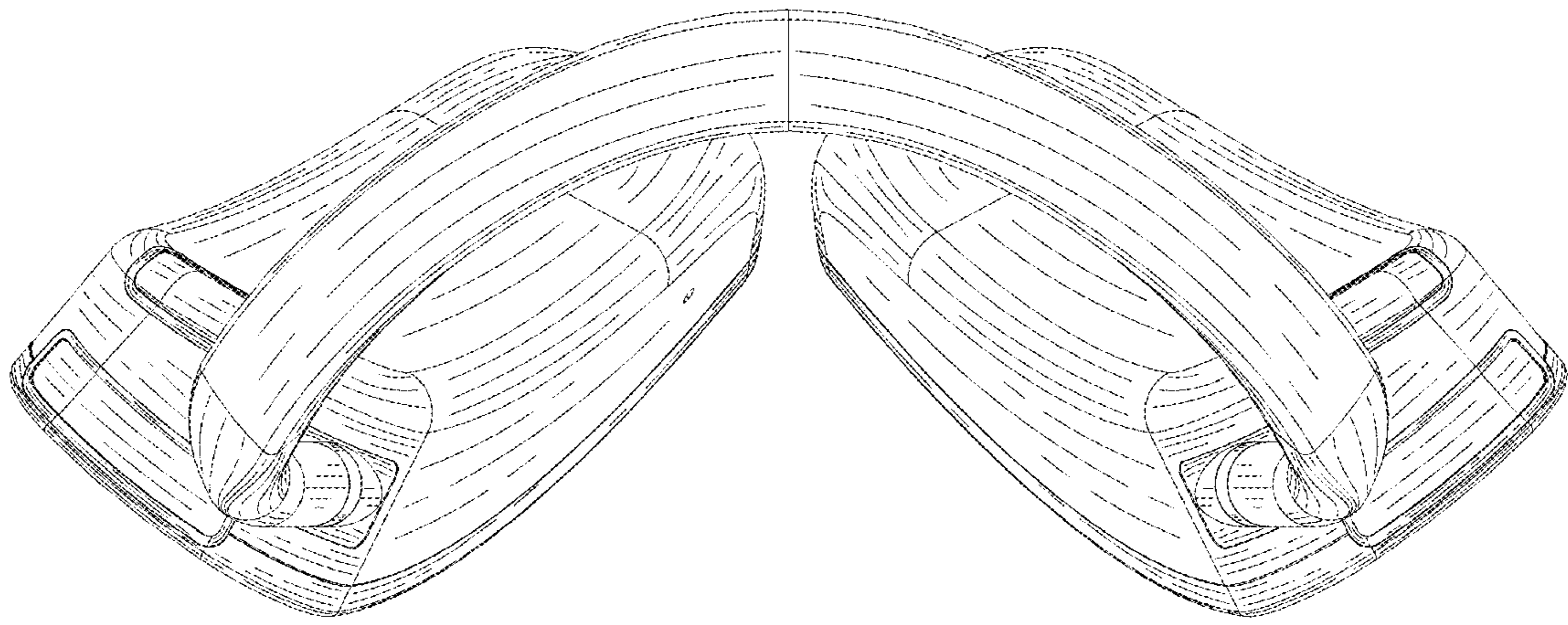


FIG. 6

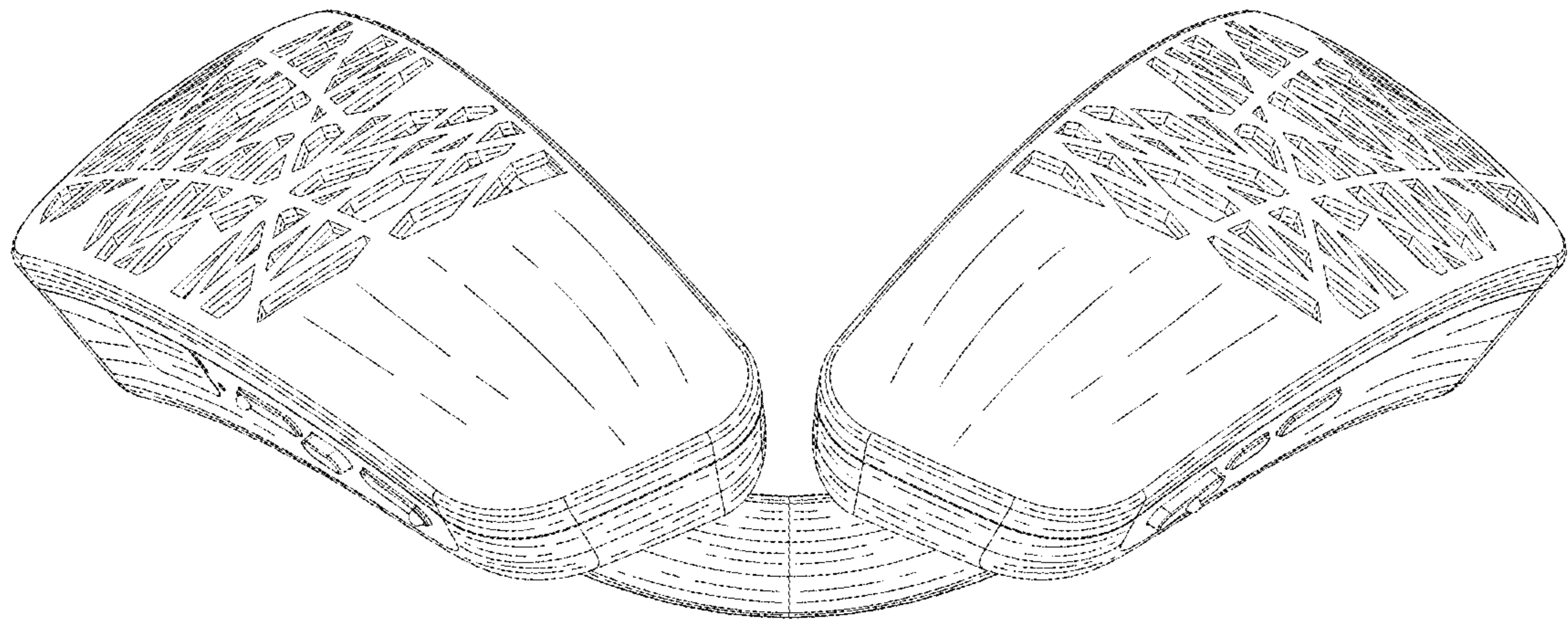


FIG. 7