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

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- (54) **HEADPHONE**
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- (51) **LOC (12) Cl.** ..... **14-01**
- (52) **U.S. Cl.**  
USPC ..... **D14/205**

- (58) **Field of Classification Search**  
USPC ..... D14/205, 206, 226, 372; D29/112; 2/209; 181/129, 130, 135; 379/430, 431; 381/380, 381, 374, 74; 455/90, 3, 575.1, 455/569.1; 345/7, 8  
CPC ..... H04R 25/00; H04R 25/02; H04R 1/1066; H04R 1/1016; H04R 5/033; H04R 5/0335  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS

- 2,139,512 A \* 12/1938 Nagorny ..... A44C 15/00 428/52
- D206,256 S \* 11/1966 Boyer ..... D29/112

- D222,361 S \* 10/1971 Hart ..... D14/205
- 3,661,225 A \* 5/1972 Anderson ..... A61F 11/14 128/866
- D246,519 S \* 11/1977 Kato ..... D14/205
- 5,018,599 A \* 5/1991 Dohi ..... H04R 1/1008 181/129
- 5,056,161 A \* 10/1991 Breen ..... H04R 1/1066 2/209
- D326,855 S \* 6/1992 Bose ..... D14/205
- D410,466 S \* 6/1999 Mouri ..... D14/205
- 5,996,123 A \* 12/1999 Leight ..... A61F 11/14 128/867
- D420,356 S \* 2/2000 Suzuki ..... D14/205
- D512,708 S \* 12/2005 Harris, Jr. .... D14/205
- D549,688 S \* 8/2007 Suzuki ..... D14/205
- D603,370 S \* 11/2009 Suzuki ..... D14/205
- D613,266 S \* 4/2010 Barry ..... D14/205
- D651,586 S \* 1/2012 Lee ..... D14/205
- D662,490 S \* 6/2012 McSweyn ..... D14/205
- D687,409 S \* 8/2013 Lee ..... D14/205

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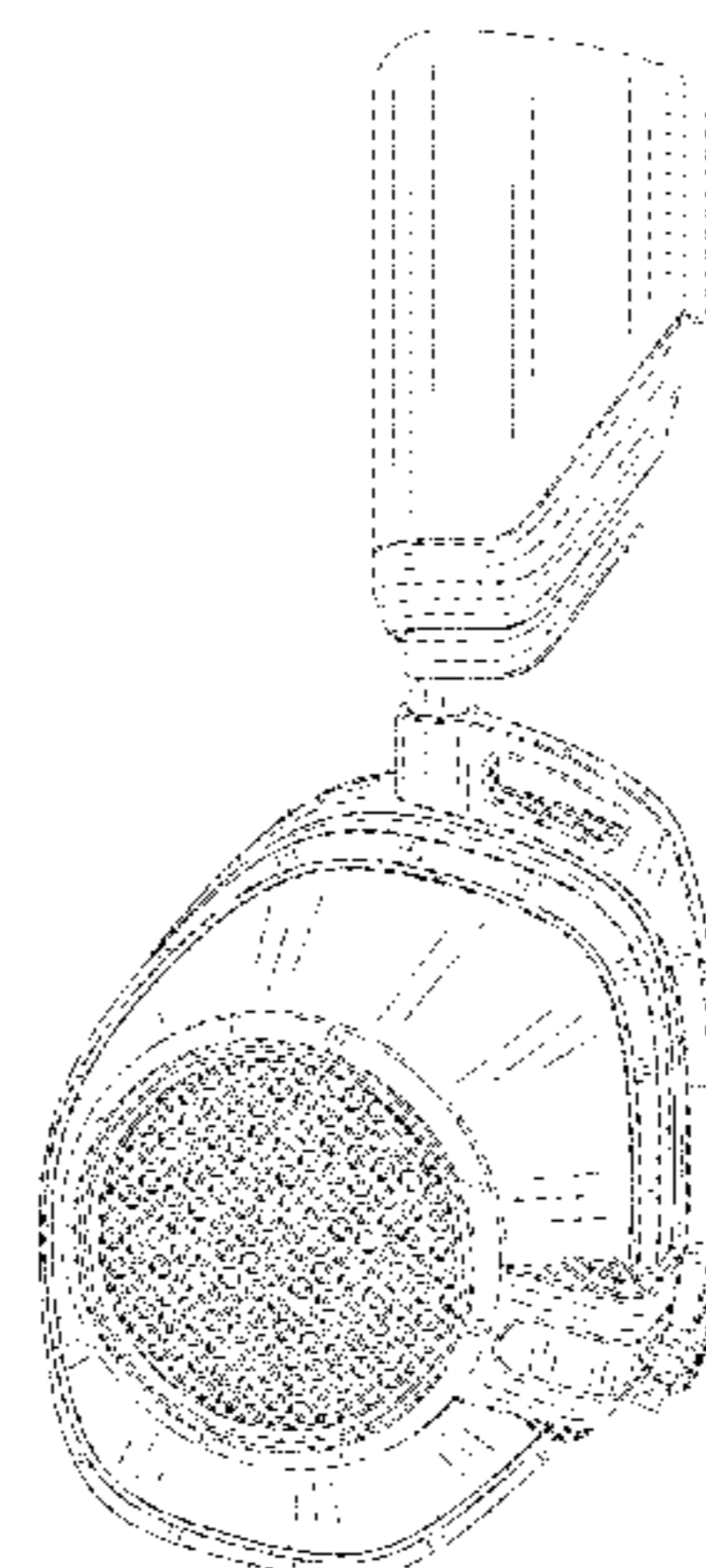
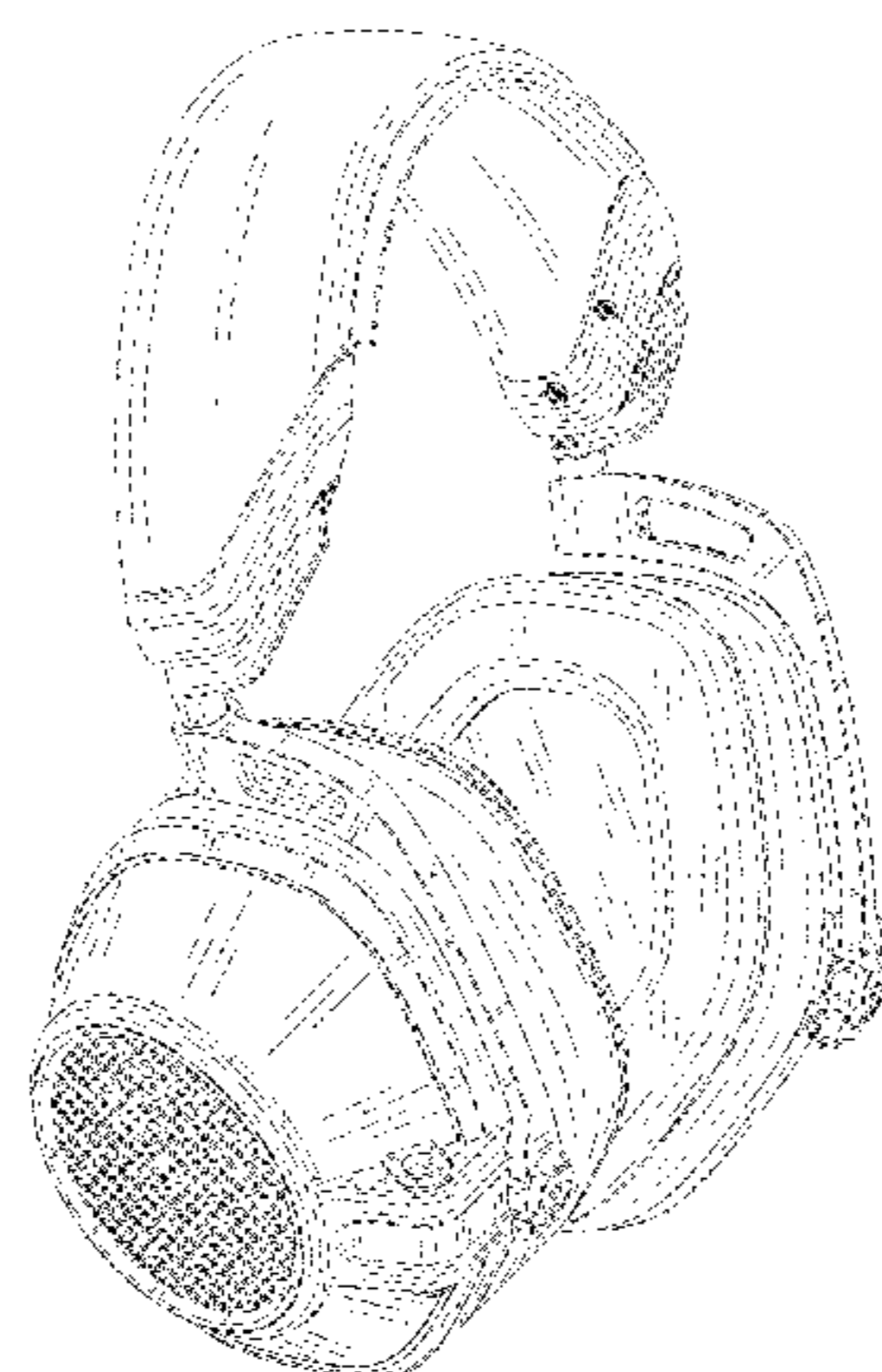
(57) **CLAIM**

The ornamental designs for a “headphone,” as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a headphone;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.  
The ornamental design which is claimed is shown in solid lines in the drawings.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

8,737,668	B1 *	5/2014	Blair	.....	H04R 1/1066	381/378
D716,256	S *	10/2014	Ang	.....	D14/205	
D741,286	S *	10/2015	Brennwald	.....	D14/205	
D766,207	S *	9/2016	Paterson	.....	D14/205	
D766,208	S *	9/2016	Paterson	.....	D14/205	
D772,842	S *	11/2016	Sharp	.....	D14/205	
D778,258	S *	2/2017	Hsu	.....	D14/205	
D788,071	S *	5/2017	Logan	.....	D14/205	
D820,813	S *	6/2018	Sharp	.....	D14/206	
2005/0238189	A1 *	10/2005	Tsai	.....	H04R 1/1075	381/309
2011/0194721	A1 *	8/2011	Schmidt	.....	H04R 1/1066	381/370

\* cited by examiner

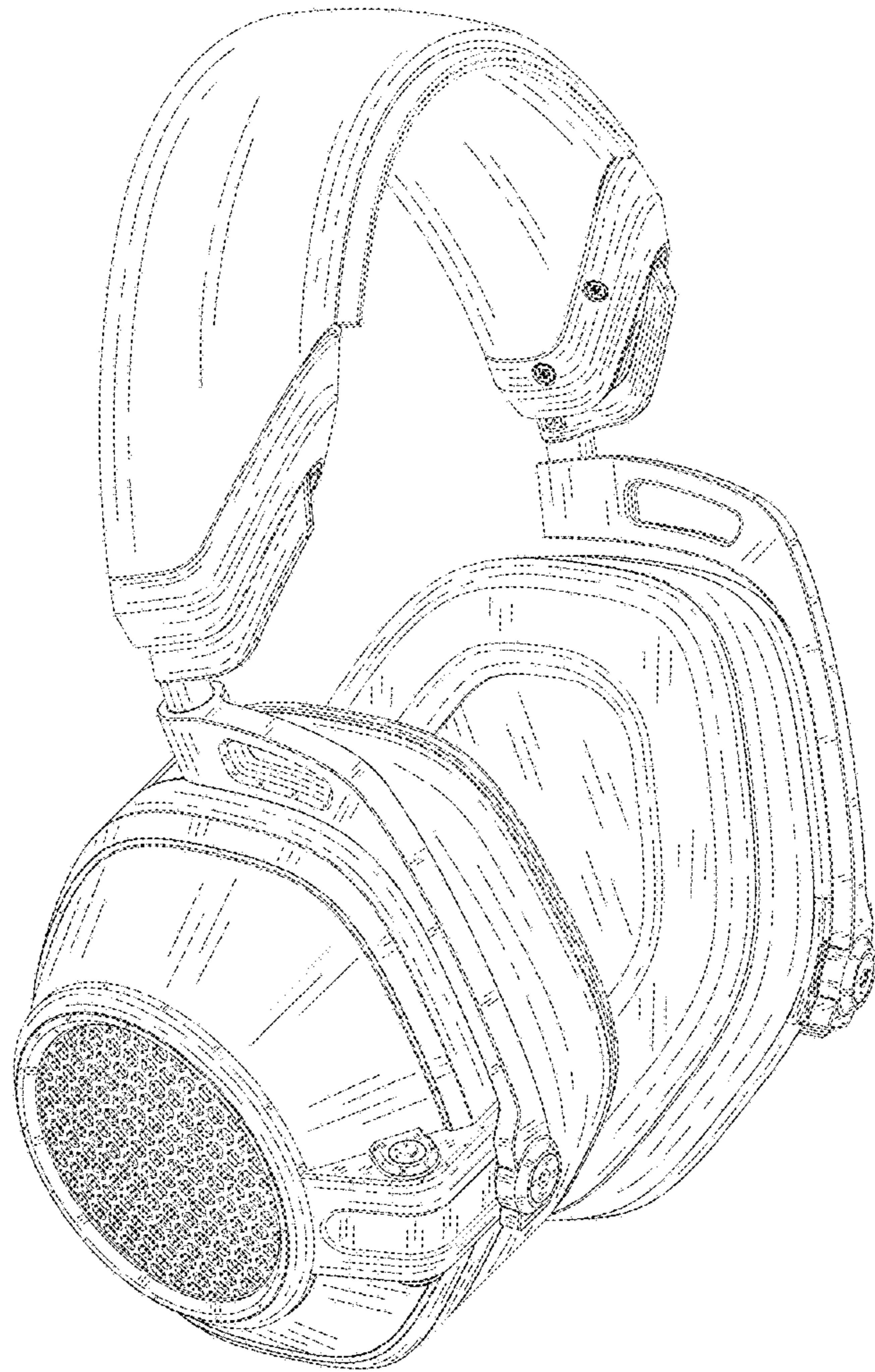


FIG. 1



FIG. 2



FIG. 3

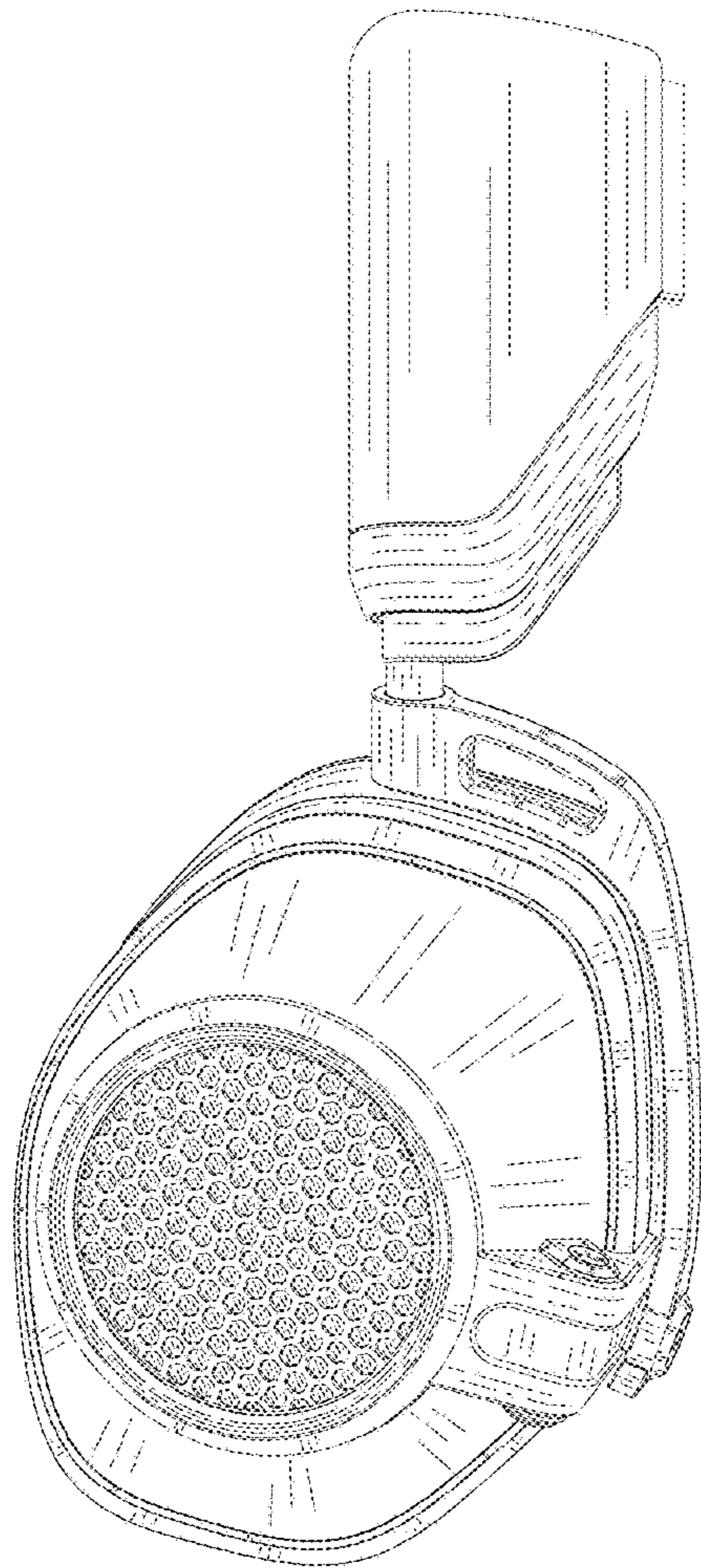


FIG. 4

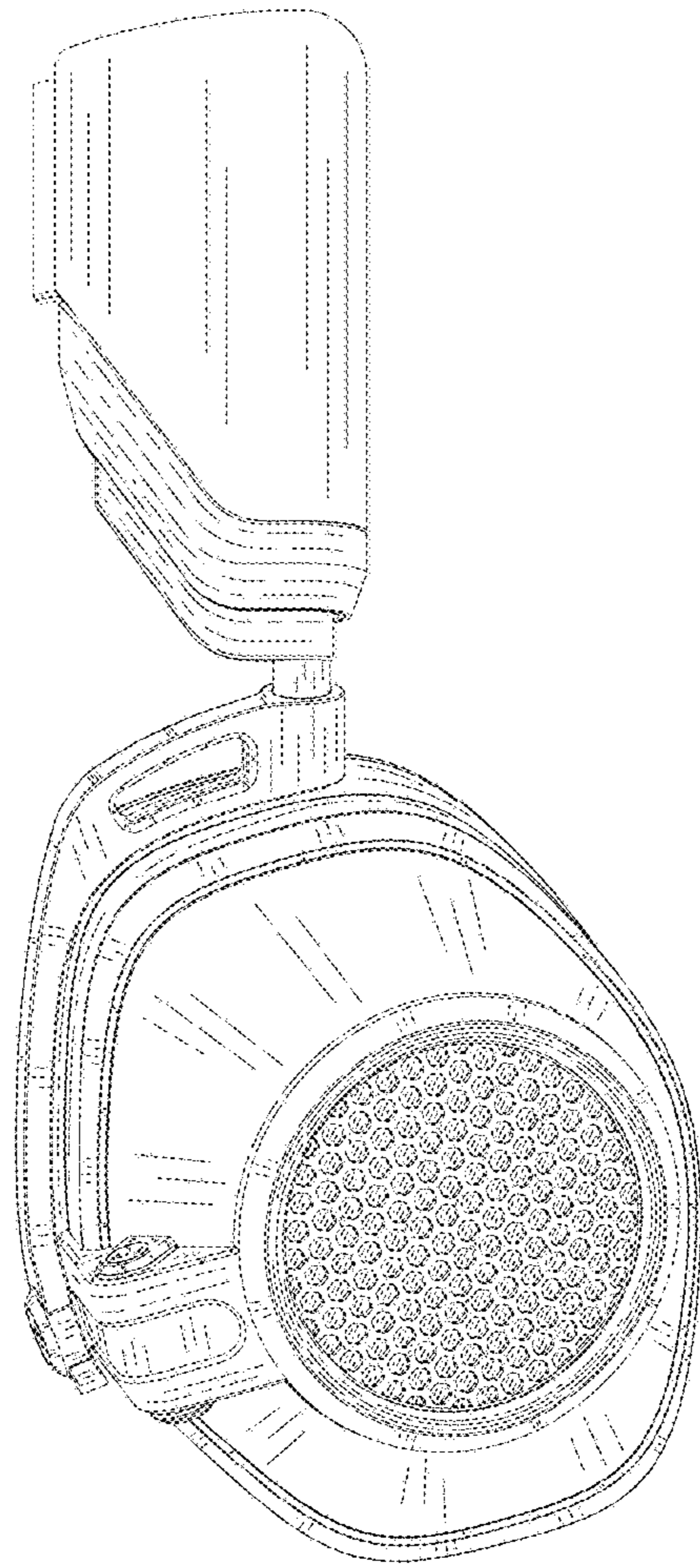


FIG. 5

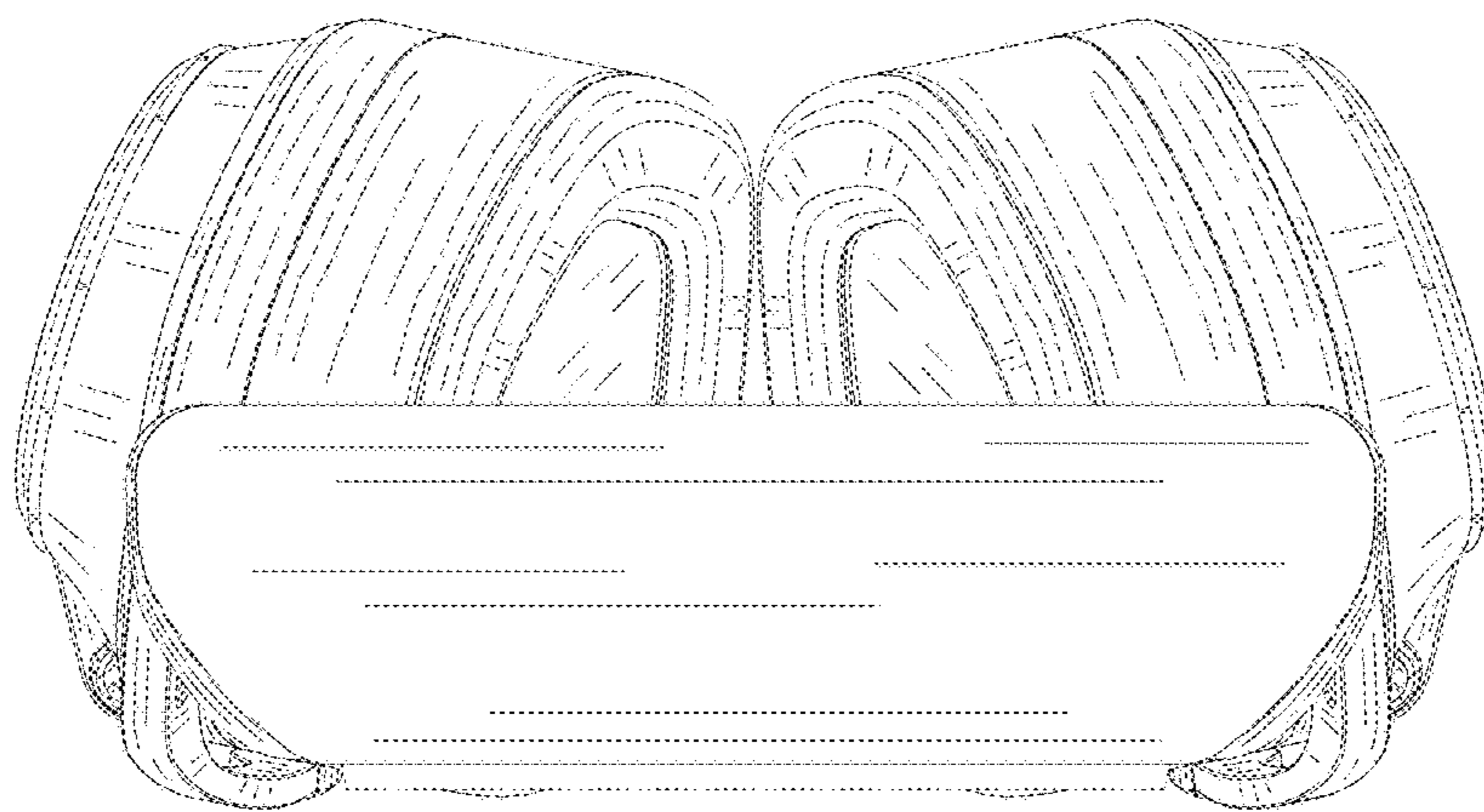


FIG. 6



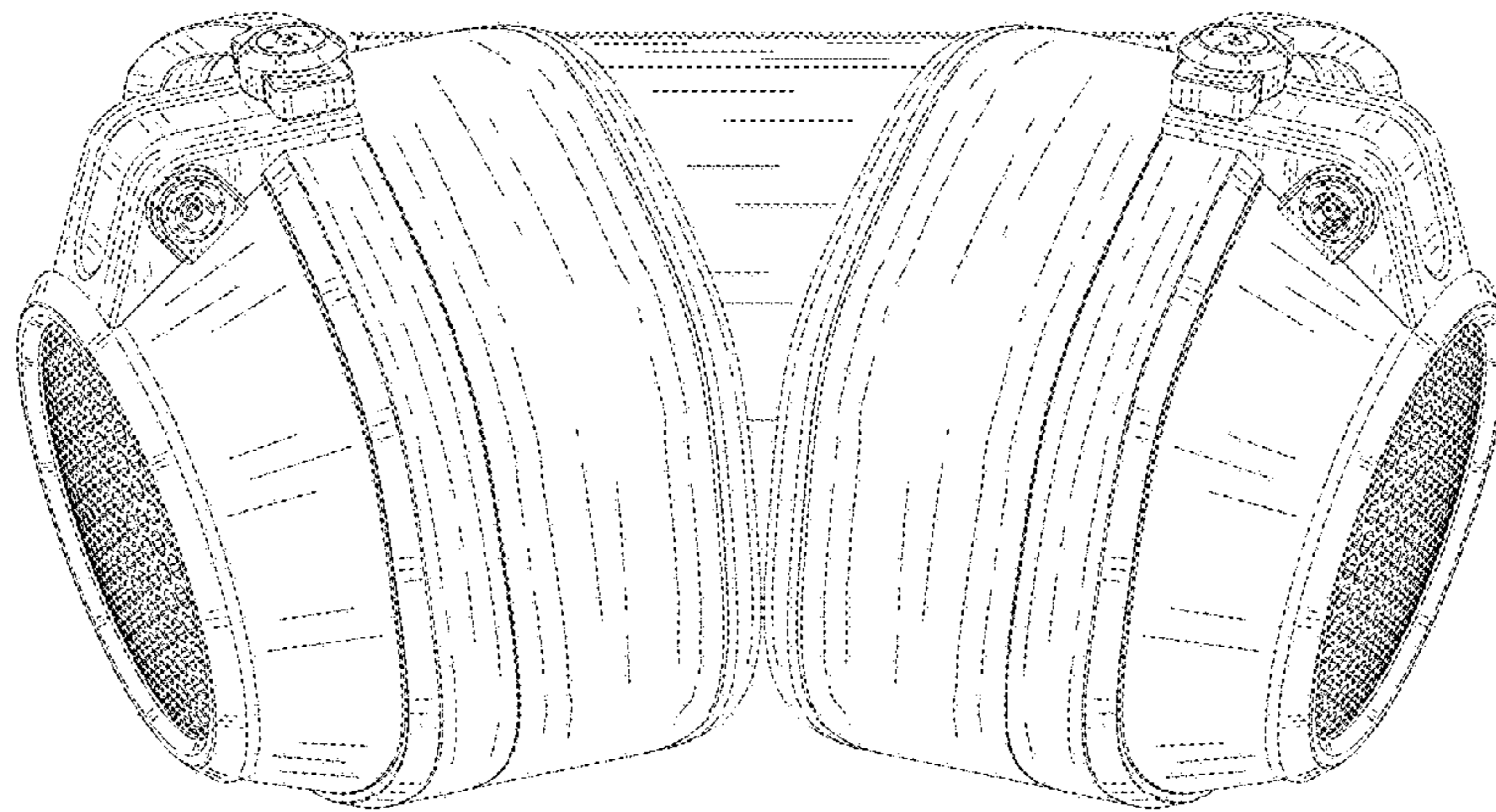


FIG. 7