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

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(54) **HEAD MOUNTED DISPLAY DEVICE**

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

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(51) **LOC (11) Cl.** ..... **14-02**

(52) **U.S. Cl.**  
USPC ..... **D14/372**

(58) **Field of Classification Search**  
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D14/299; D16/300–342; 351/158, 153,  
351/144; 345/7–9, 905; 455/344;  
348/115, 53, 121, 739  
CPC ..... G02B 27/017; G02B 27/0158; G02B  
27/0161; G02B 27/0181; G02B 27/0185;  
G02B 27/0189

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D727,896 S \* 4/2015 Lалуque ..... D14/372  
D760,225 S \* 6/2016 Passmore ..... D14/372

D761,257 S \* 7/2016 Passmore ..... D14/372  
D773,461 S \* 12/2016 Jiang ..... D14/372  
D778,909 S \* 2/2017 Nokuo ..... D14/372  
D781,288 S \* 3/2017 Park ..... D14/372  
D785,619 S \* 5/2017 Su ..... D14/372

(Continued)

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(57) **CLAIM**

The ornamental design for a head mounted display device,  
as shown and described.

**DESCRIPTION**

FIG. 1 is a front side view of the head mounted display device in accordance with an embodiment of the present invention;

FIG. 2 is a back side view of the head mounted display device depicted in FIG. 1;

FIG. 3 is a left side view of the head mounted display device depicted in FIG. 1;

FIG. 4 is a right side view of the head mounted display device depicted in FIG. 1;

FIG. 5 is a top view of the head mounted display device depicted in FIG. 1;

FIG. 6 is a bottom view of the head mounted display device depicted in FIG. 1; and,

FIG. 7 is a front side perspective view of the head mounted display device in a first state depicted in FIG. 1;

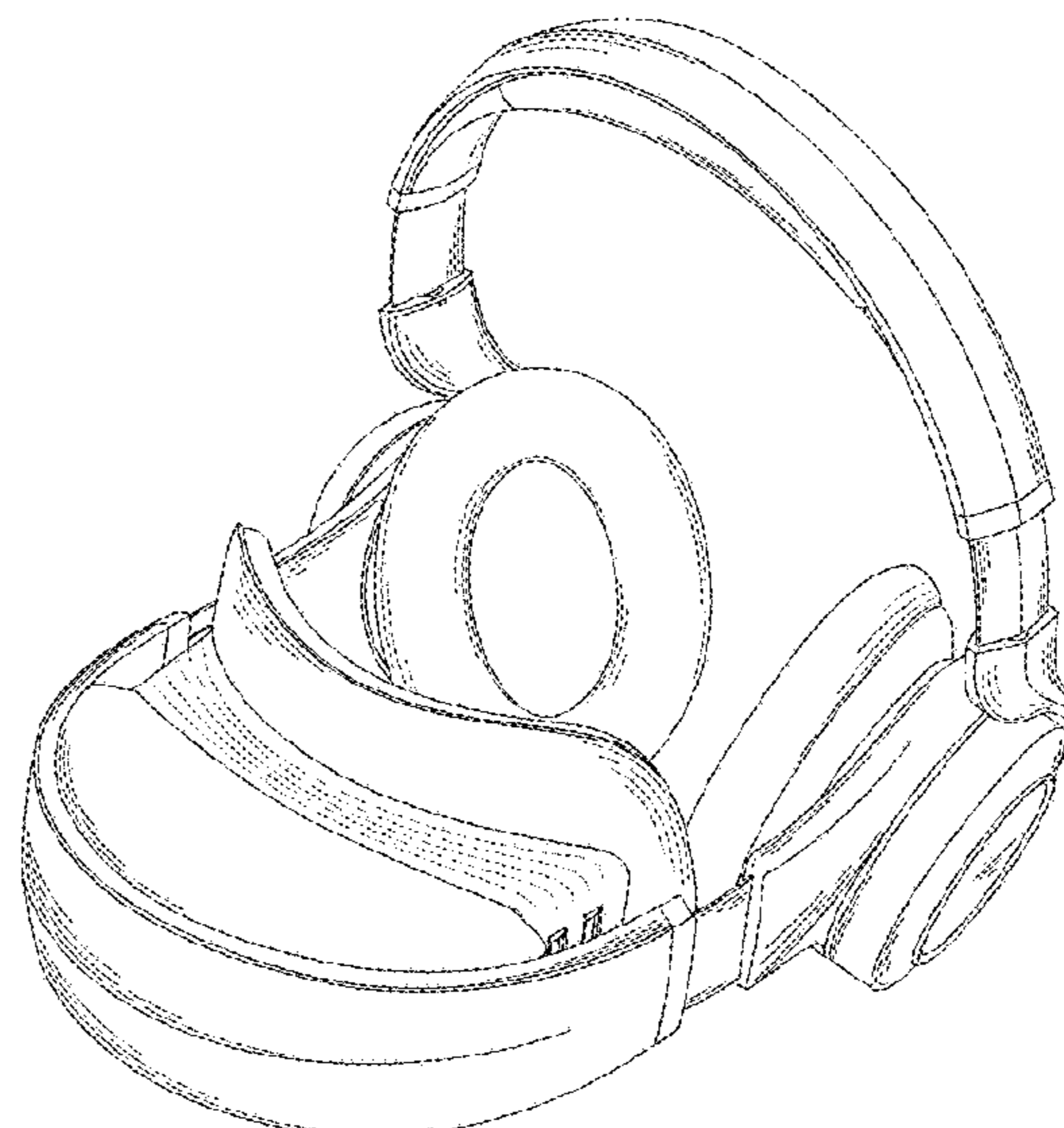
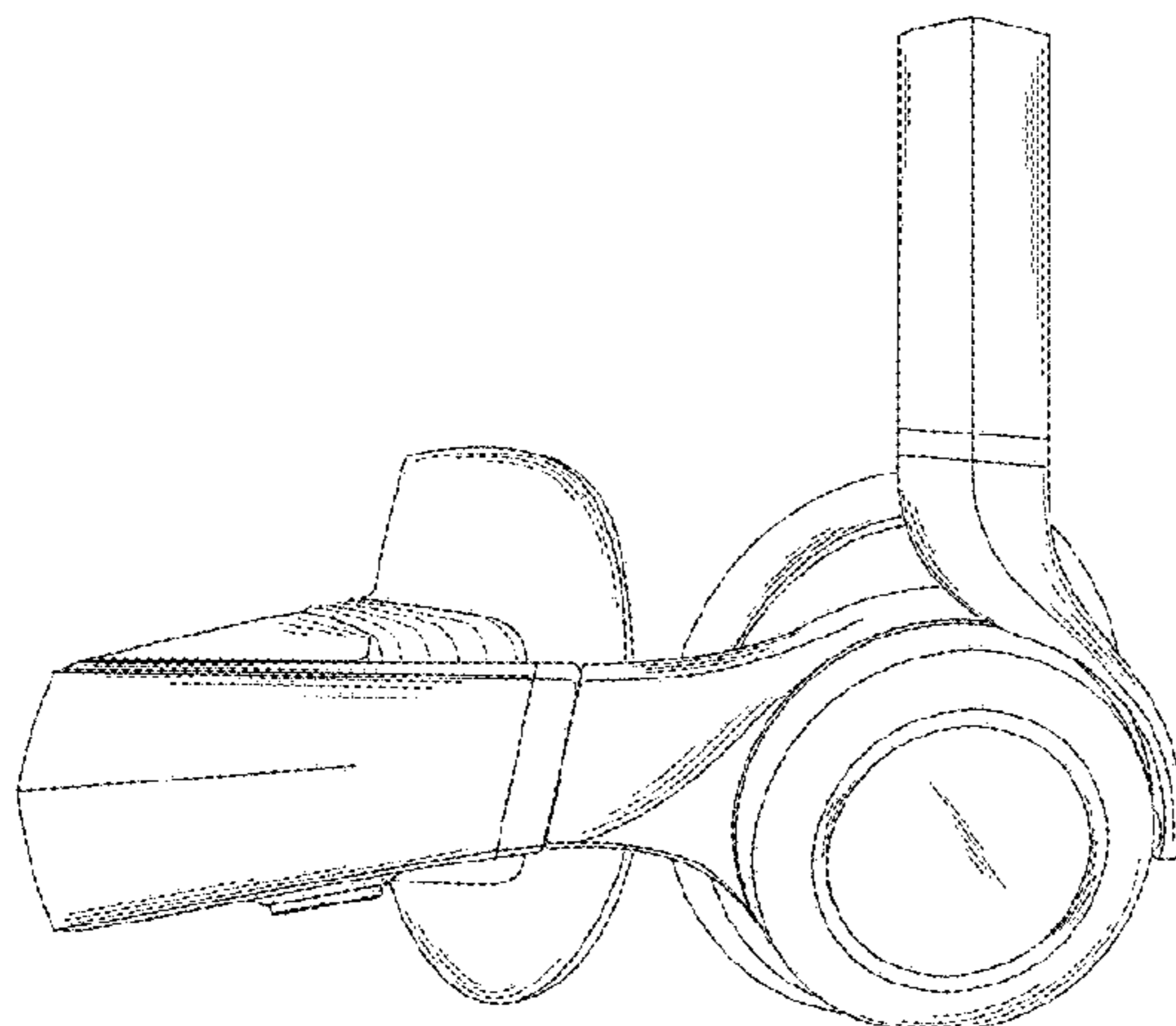
FIG. 8 is a front side perspective view of the head mounted display device in a second state depicted in FIG. 1;

FIG. 9 is a front side perspective view of the head mounted display device in a third state depicted in FIG. 1; and,

FIG. 10 is a front side perspective view of the head mounted display device in a fourth state depicted in FIG. 1.

The broken lines shown in the drawings illustrate portions of the head mounted display device and form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D791,126 S	*	7/2017	Sullivan .....	D14/372
D795,867 S	*	8/2017	Huang .....	D14/372
D801,970 S	*	11/2017	Sullivan .....	D14/372
D805,071 S	*	12/2017	Park .....	D14/372
D805,514 S	*	12/2017	Clement .....	D14/372
D810,743 S	*	2/2018	Yee .....	D14/372

\* cited by examiner

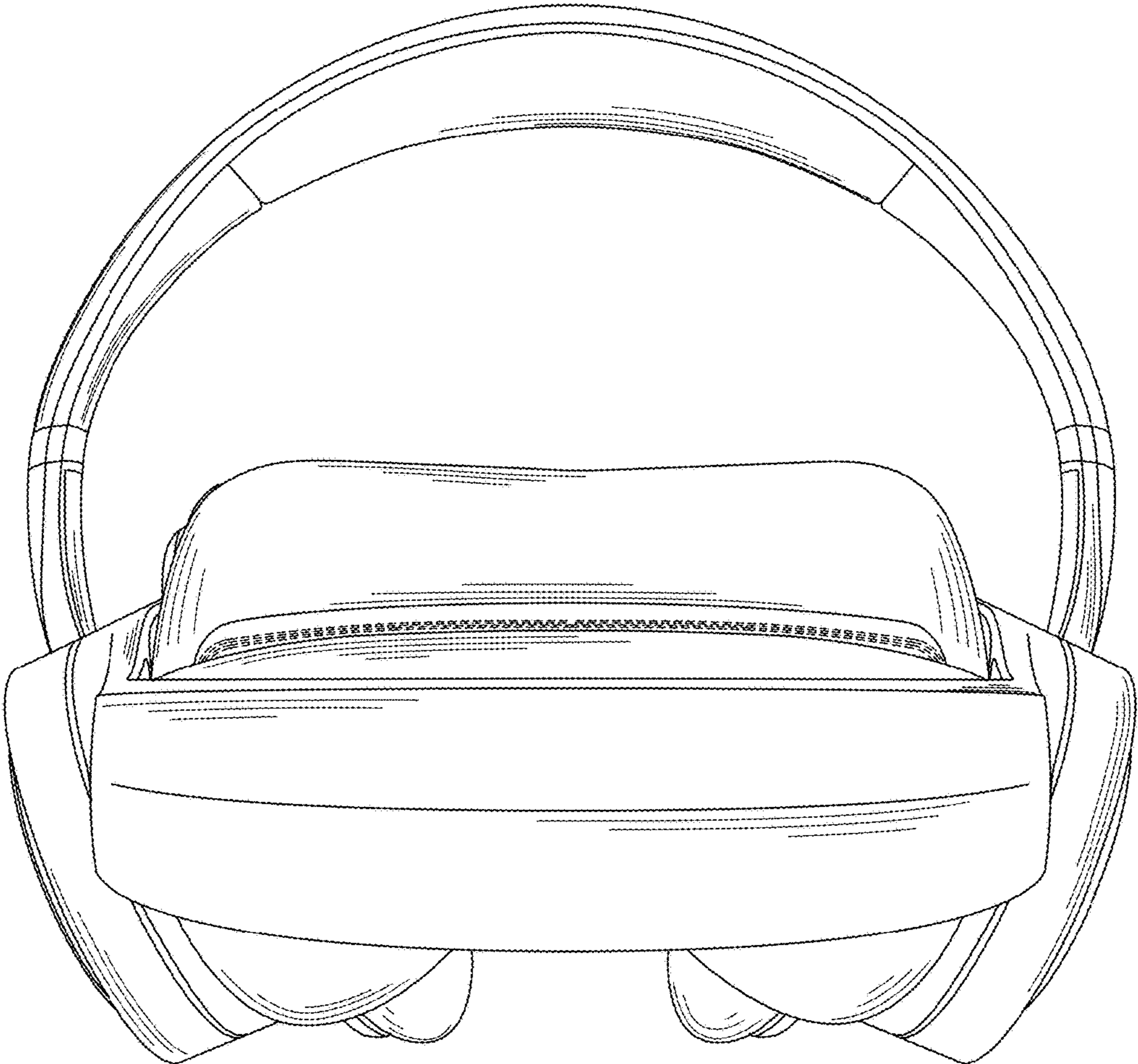


FIG.1



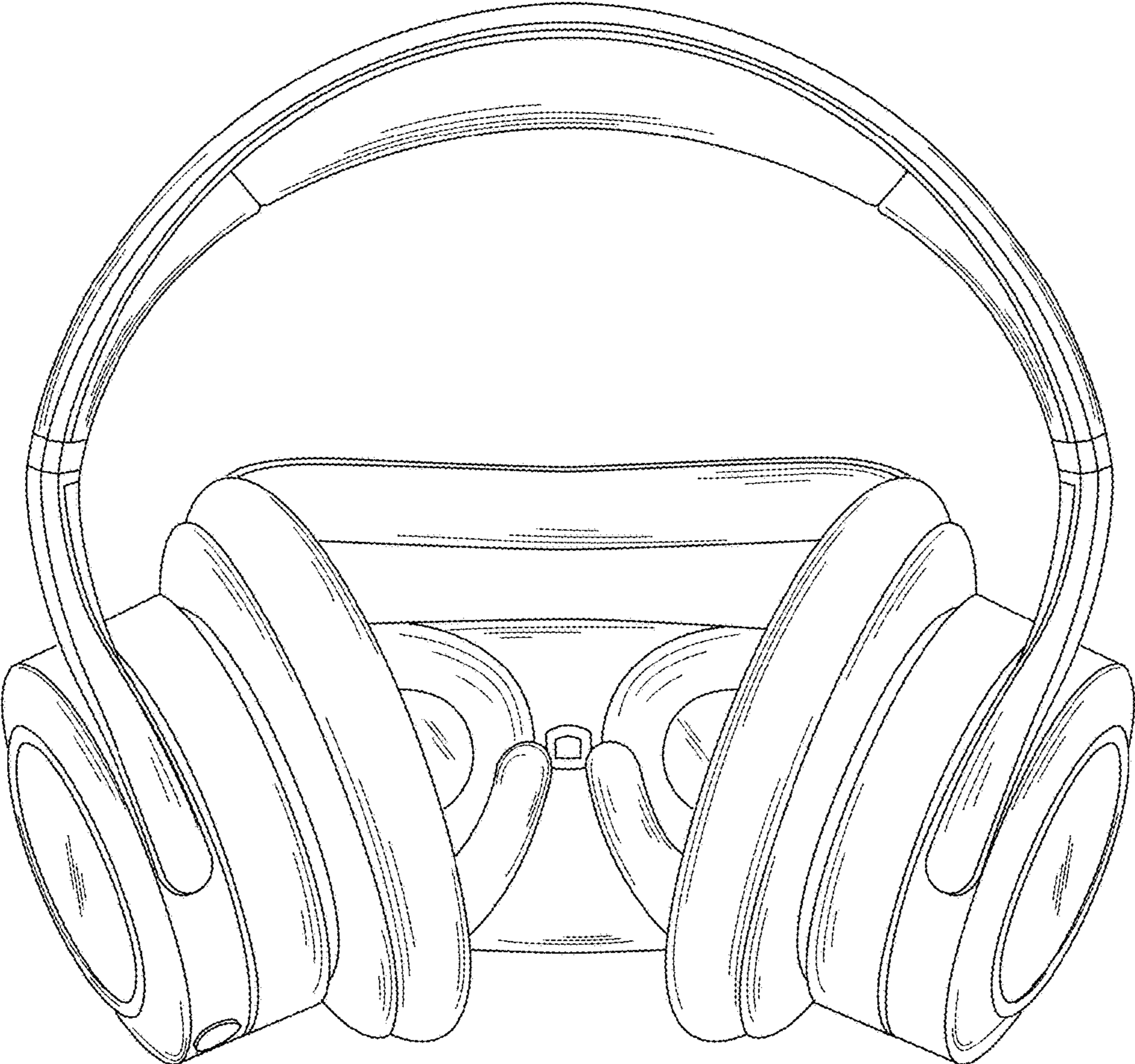


FIG.2

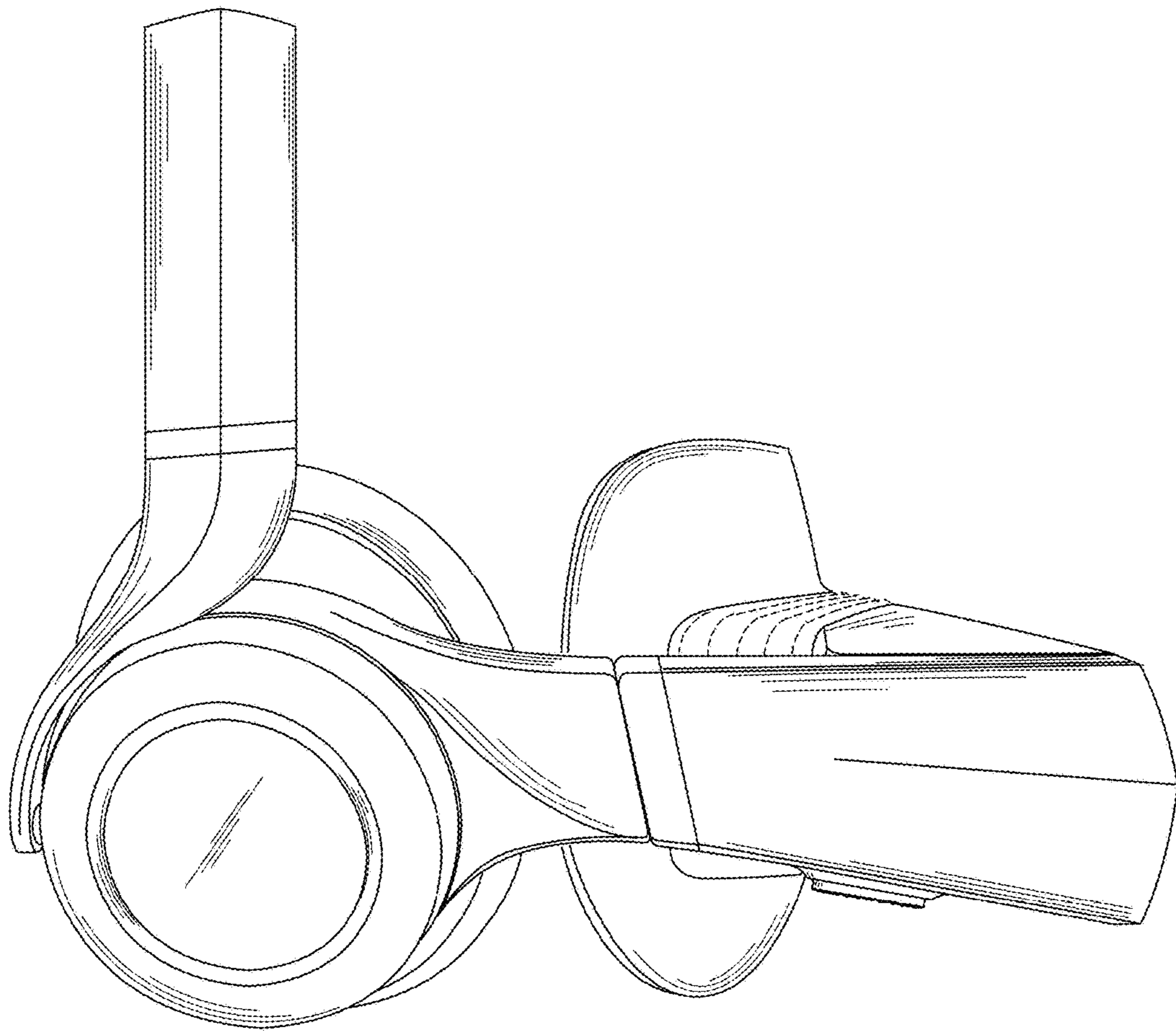


FIG.3

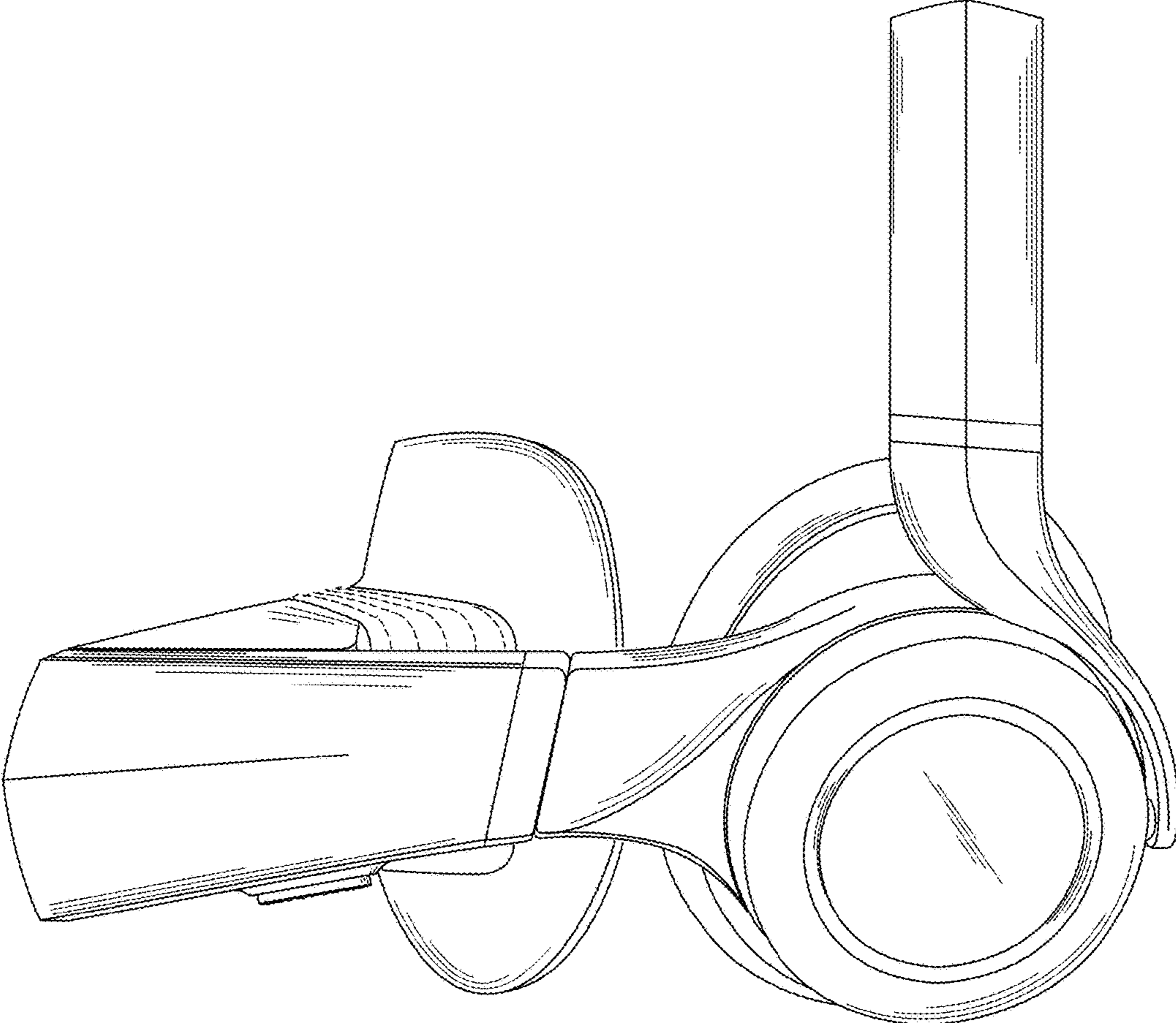


FIG.4

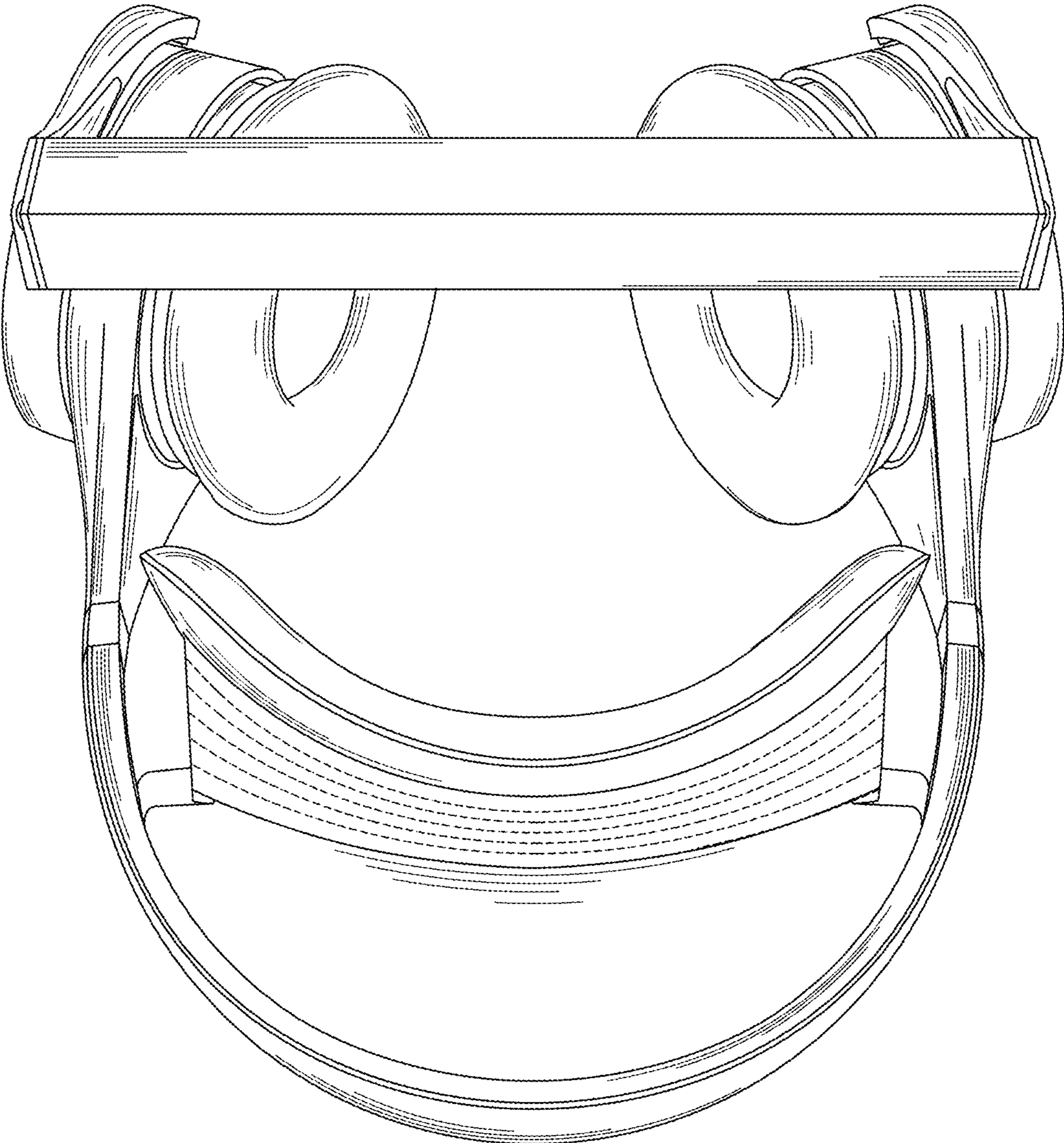


FIG.5



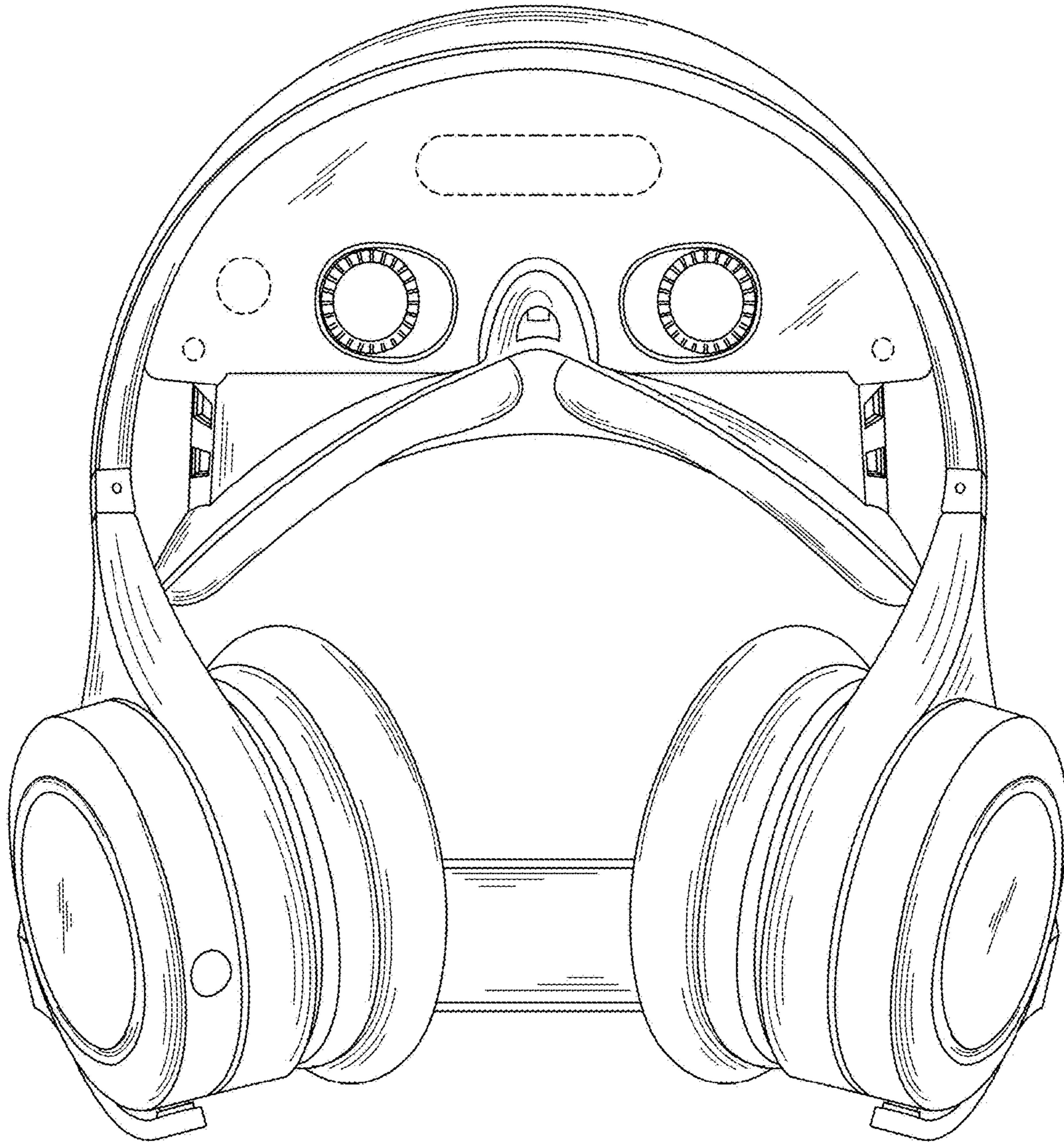


FIG.6



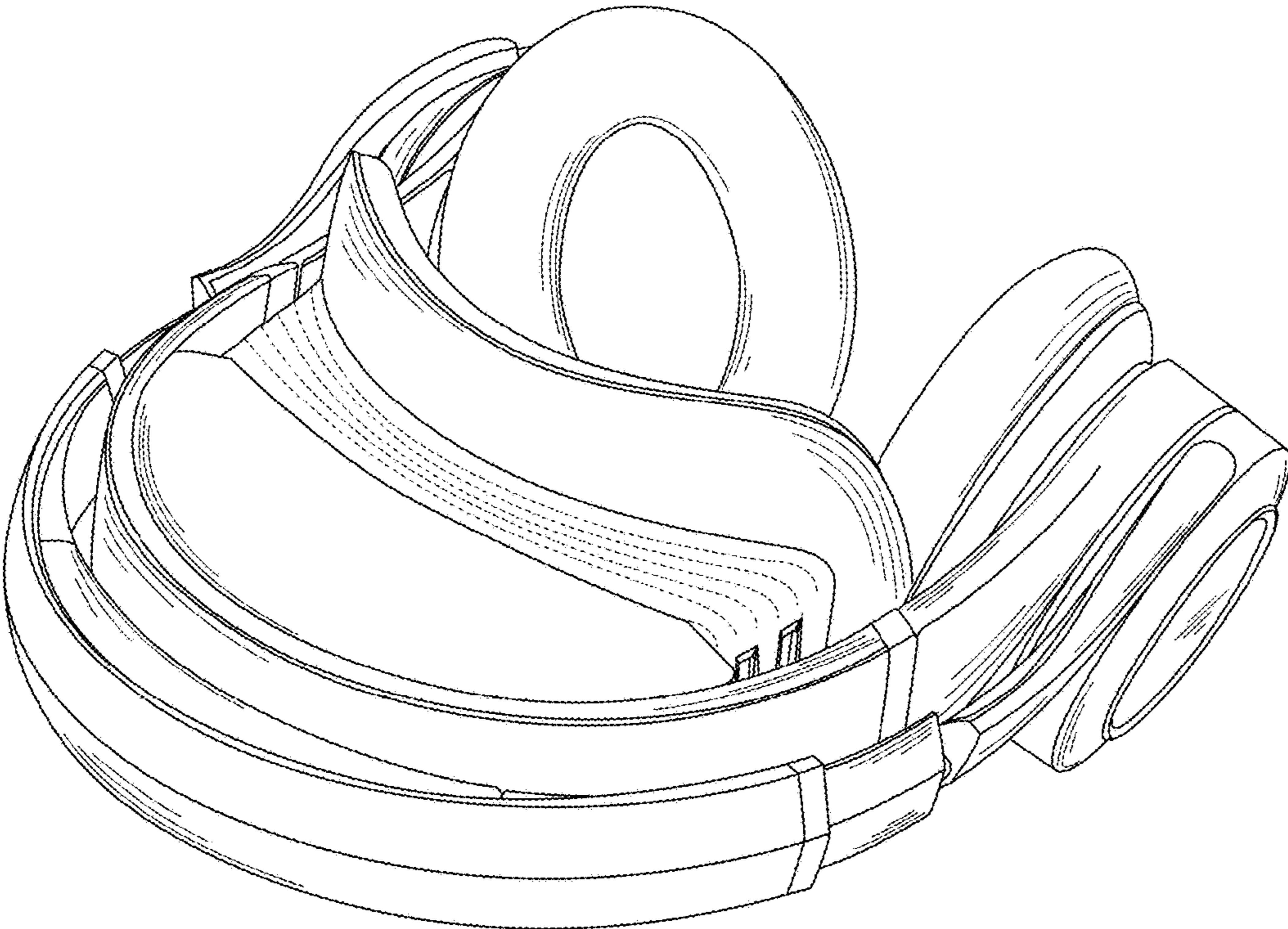


FIG.7

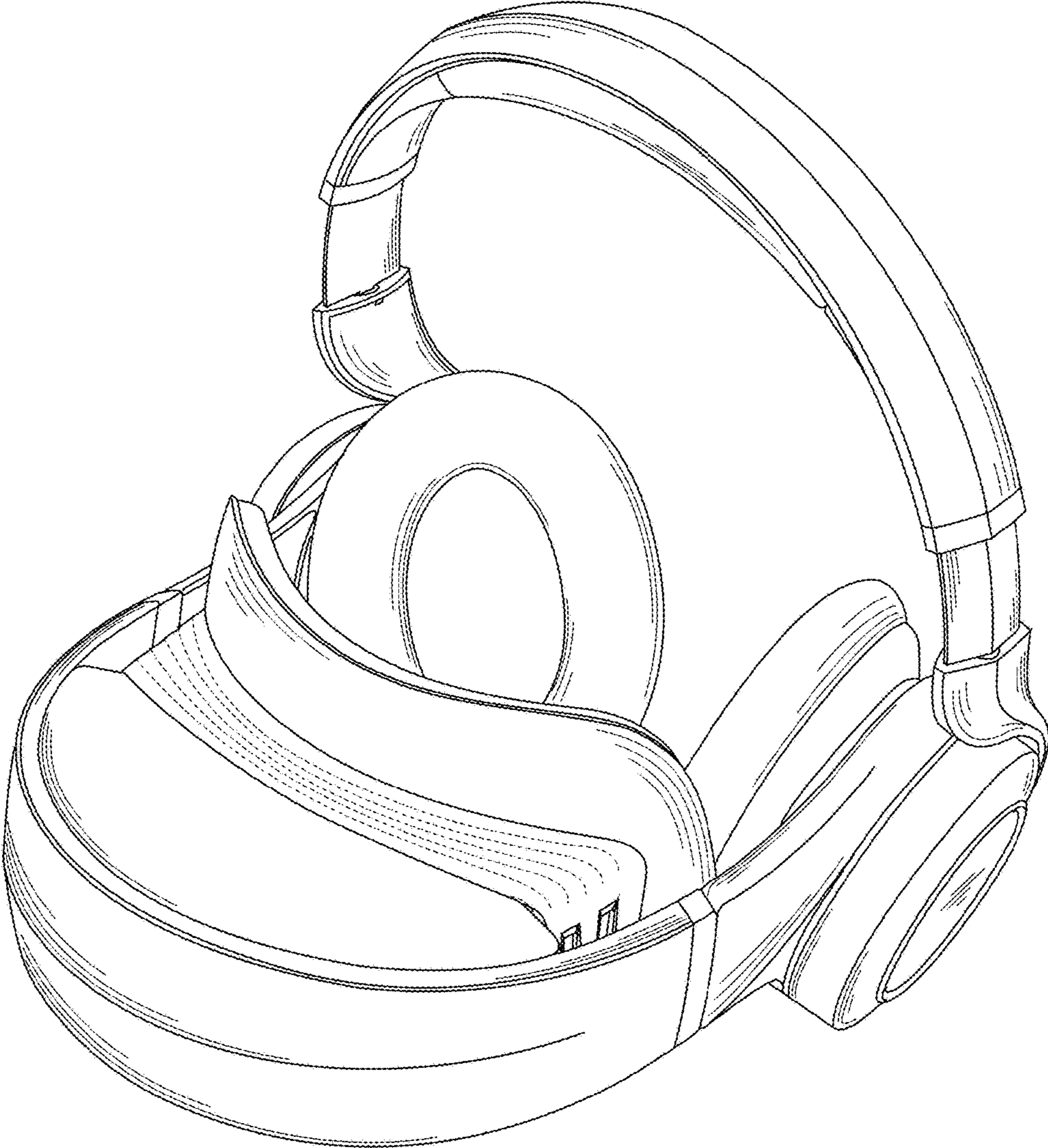


FIG.8

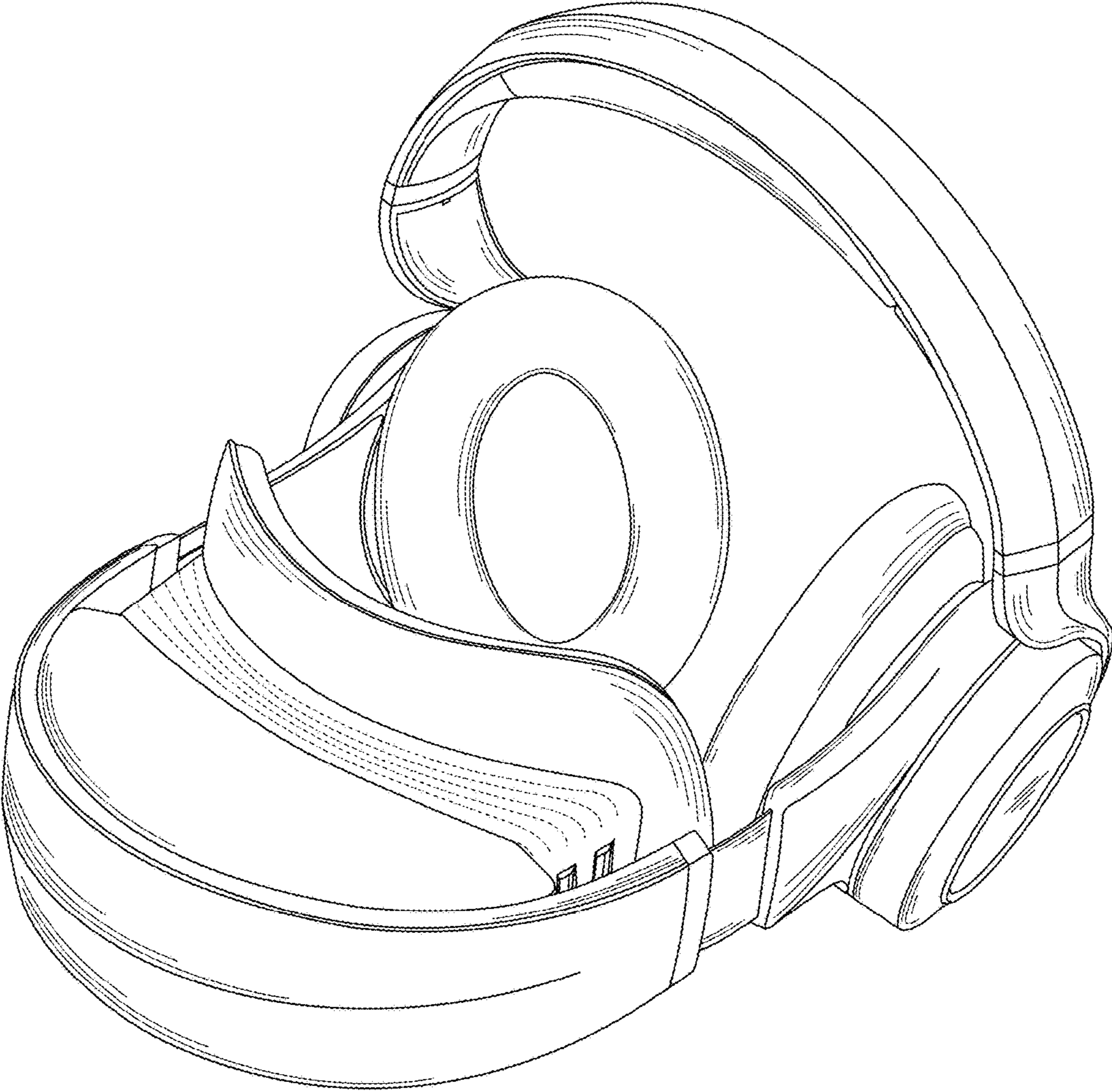


FIG.9





FIG.10