



US00D943067S

(12) **United States Design Patent**  
**Fan**

(10) **Patent No.:** **US D943,067 S**

(45) **Date of Patent:** **\*\* Feb. 8, 2022**

(54) **PERSONAL FAN**

(71) Applicant: **Xiaobo Fan, Ji'an (CN)**

(72) Inventor: **Xiaobo Fan, Ji'an (CN)**

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

(21) Appl. No.: **29/754,574**

(22) Filed: **Oct. 13, 2020**

(30) **Foreign Application Priority Data**

May 11, 2020 (CN) ..... 202030209058.3

(51) **LOC (13) Cl.** ..... **23-02**

(52) **U.S. Cl.**  
USPC ..... **D23/270**

(58) **Field of Classification Search**  
USPC ..... D23/370, 379, 380, 382  
CPC ..... A41D 13/053; F04D 25/0673  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D339,858 S \* 9/1993 Shong ..... D23/382
- D396,104 S \* 7/1998 Radtke ..... D23/332
- 5,802,865 A \* 9/1998 Strauss ..... A41D 13/0025  
62/259.3
- D414,550 S \* 9/1999 Bloom ..... D23/328
- D442,269 S \* 5/2001 Pinchuk ..... D23/351
- D455,481 S \* 4/2002 Christianson ..... D23/351
- 6,379,111 B1 \* 4/2002 Katoh ..... F04D 29/023  
415/119
- D457,945 S \* 5/2002 Pinchuk ..... D23/351
- D464,420 S \* 10/2002 Tolar ..... D23/382
- D480,131 S \* 9/2003 Bloom ..... D23/379
- 6,666,647 B1 \* 12/2003 Trask ..... F04D 25/08  
224/258
- D529,166 S \* 9/2006 Geringer ..... D23/379
- D565,720 S \* 4/2008 Chen ..... D23/379
- D699,832 S \* 2/2014 Lim ..... D23/379

- 8,894,377 B2 \* 11/2014 Greenberg ..... F04D 29/646  
416/247 R
- D733,284 S \* 6/2015 Lim ..... D23/379
- D841,796 S \* 2/2019 Freeland ..... D23/382
- D862,679 S \* 10/2019 Zhou ..... D23/380
- D884,201 S \* 5/2020 Fang ..... D24/206
- D890,354 S \* 7/2020 Fang ..... D24/206
- D903,086 S \* 11/2020 Liu ..... D23/370
- D903,087 S \* 11/2020 Zhou ..... D23/370
- D903,886 S \* 12/2020 Hamaguchi ..... D24/206
- D908,857 S \* 1/2021 Cao ..... D23/380
- 10,926,677 B2 \* 2/2021 Rappl ..... B60N 2/5685
- D919,074 S \* 5/2021 Cai ..... D23/380

(Continued)

**OTHER PUBLICATIONS**

Trilink Neck Fan, amazon.com, <https://www.amazon.com/Bladeless-Airflow-Portable-Hands-Free-Small/dp/B08B3PWN1L> (Year: 2020).\*

(Continued)

*Primary Examiner* — Steven J Cxyz

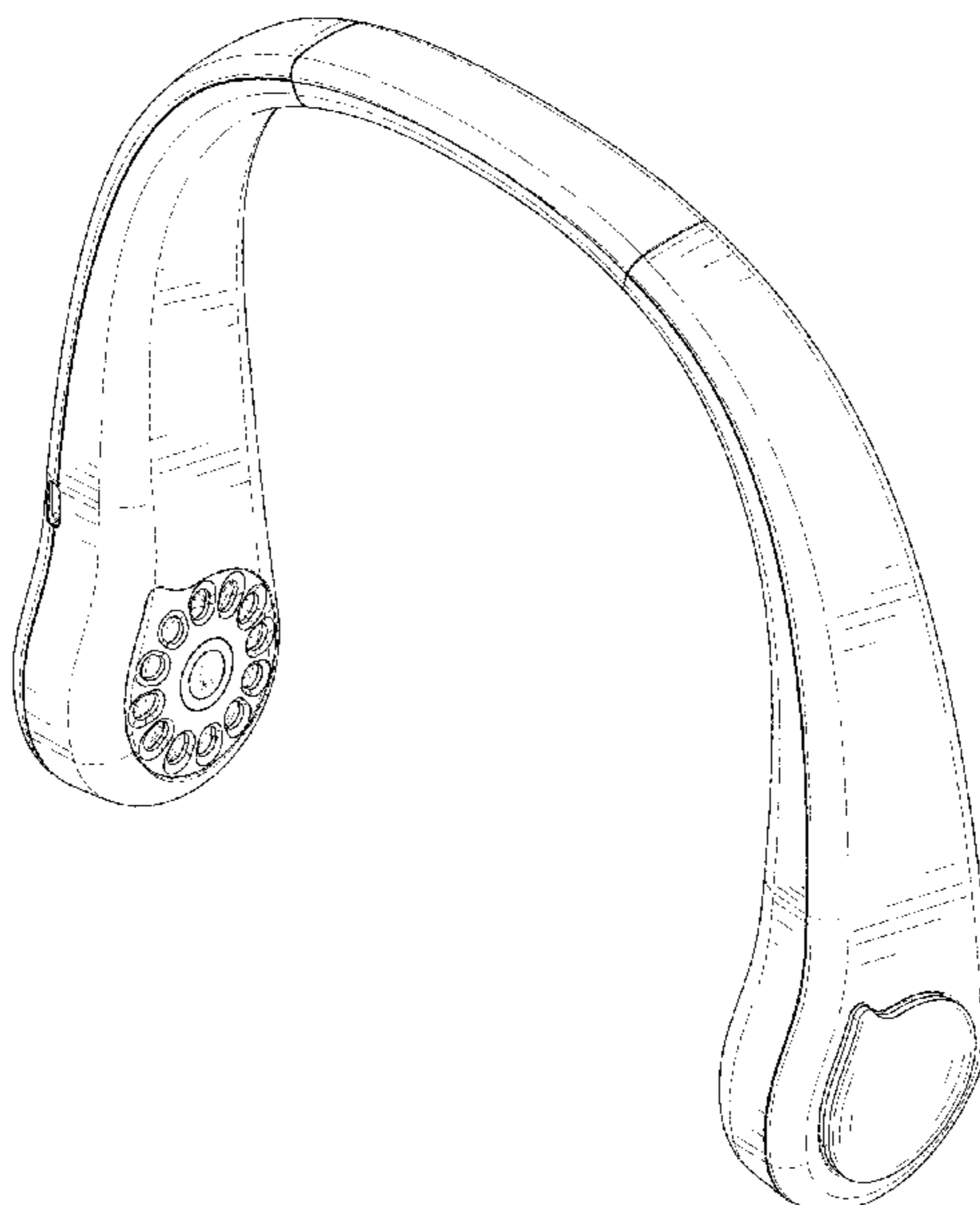
(57) **CLAIM**

The ornamental design for a personal fan, as shown and described.

**DESCRIPTION**

FIG. 1 is a front and top perspective view of a personal fan, showing my new design;  
FIG. 2 is a rear and bottom perspective view thereof;  
FIG. 3 is a front elevational view thereof;  
FIG. 4 is a rear elevational view thereof;  
FIG. 5 is a left side elevational view thereof;  
FIG. 6 is a right side elevational view thereof;  
FIG. 7 is a top plan view thereof; and,  
FIG. 8 is a bottom plan view thereof.  
The broken lines in the figures illustrate portions of the personal fan that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D920,497 S \* 5/2021 Li ..... D23/370  
D925,028 S \* 7/2021 Song ..... A41D 13/0025  
D23/370  
D933,803 S \* 10/2021 He ..... D23/382  
2003/0055473 A1 \* 3/2003 Ramsden ..... A61F 7/10  
607/109  
2017/0370596 A1 \* 12/2017 Lee ..... A41D 13/0025  
2020/0187574 A1 \* 6/2020 Te Hsiang ..... F04D 25/0673

OTHER PUBLICATIONS

Phinacreny Neck Fan, amazon.com, <https://www.amazon.com/phinacreny-Leafless-Hanging-Silent-Rechargeable/dp/B08JQ3L7RY?th=1> (Year: 2020).\*

Rooye Neck Fan, amazon.com, [https://www.amazon.com/ROOYLE-Bladeless-Portable-Rechargeable-Surround/dp/B08DMXR56?ref\\_ast\\_sto\\_dp&th=1&psc=1](https://www.amazon.com/ROOYLE-Bladeless-Portable-Rechargeable-Surround/dp/B08DMXR56?ref_ast_sto_dp&th=1&psc=1) (Year: 2020).\*

\* cited by examiner

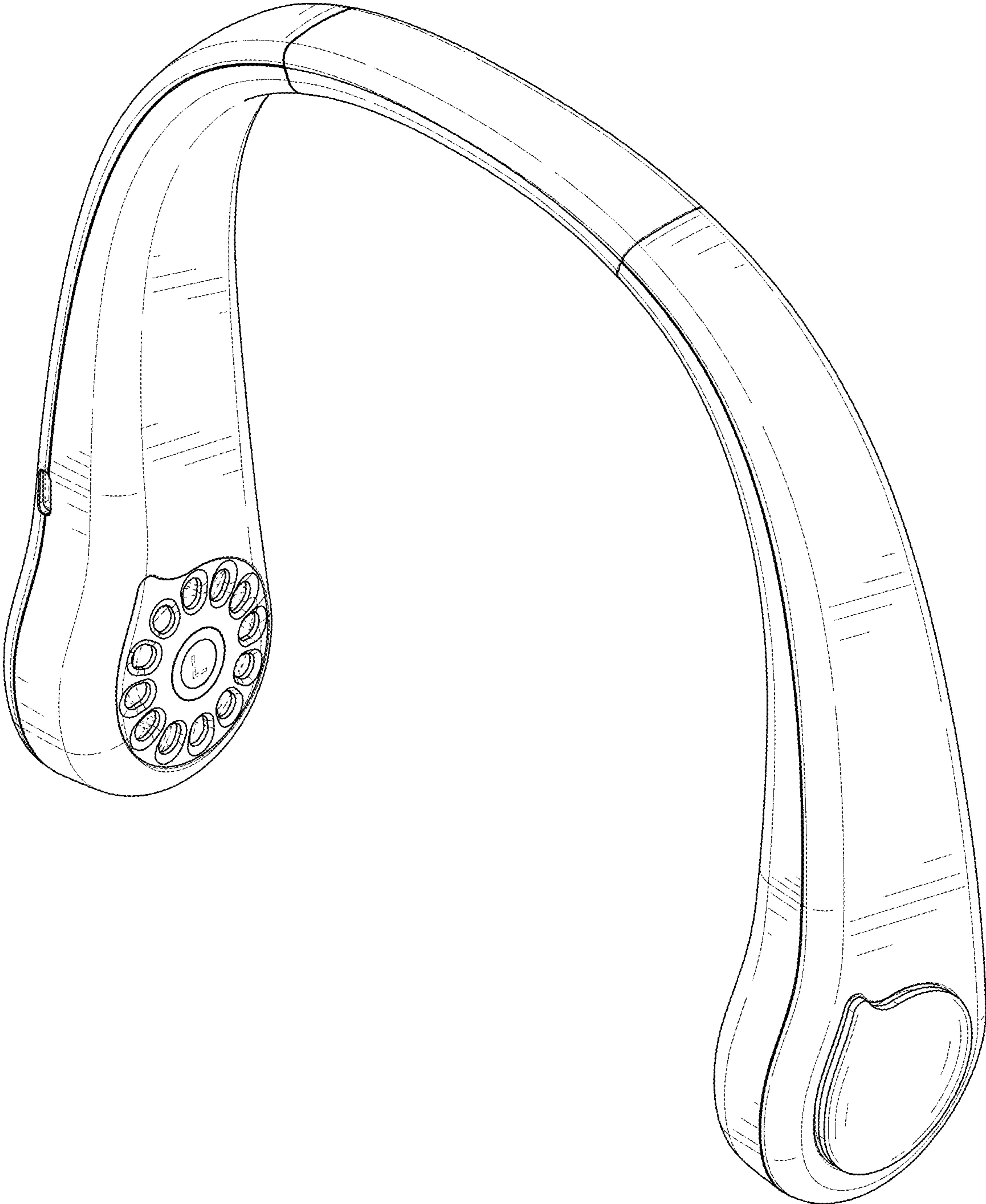


FIG. 1

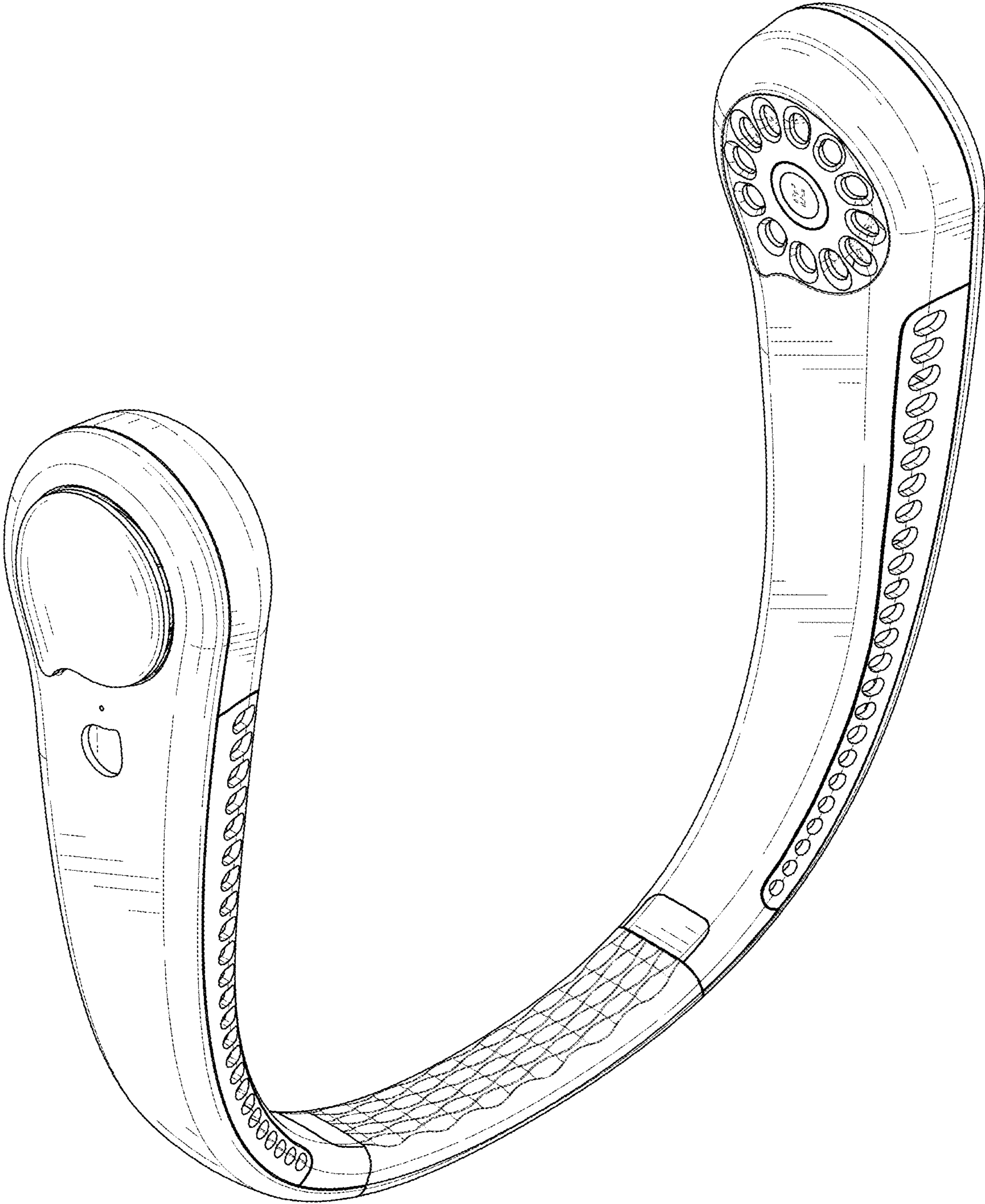


FIG. 2

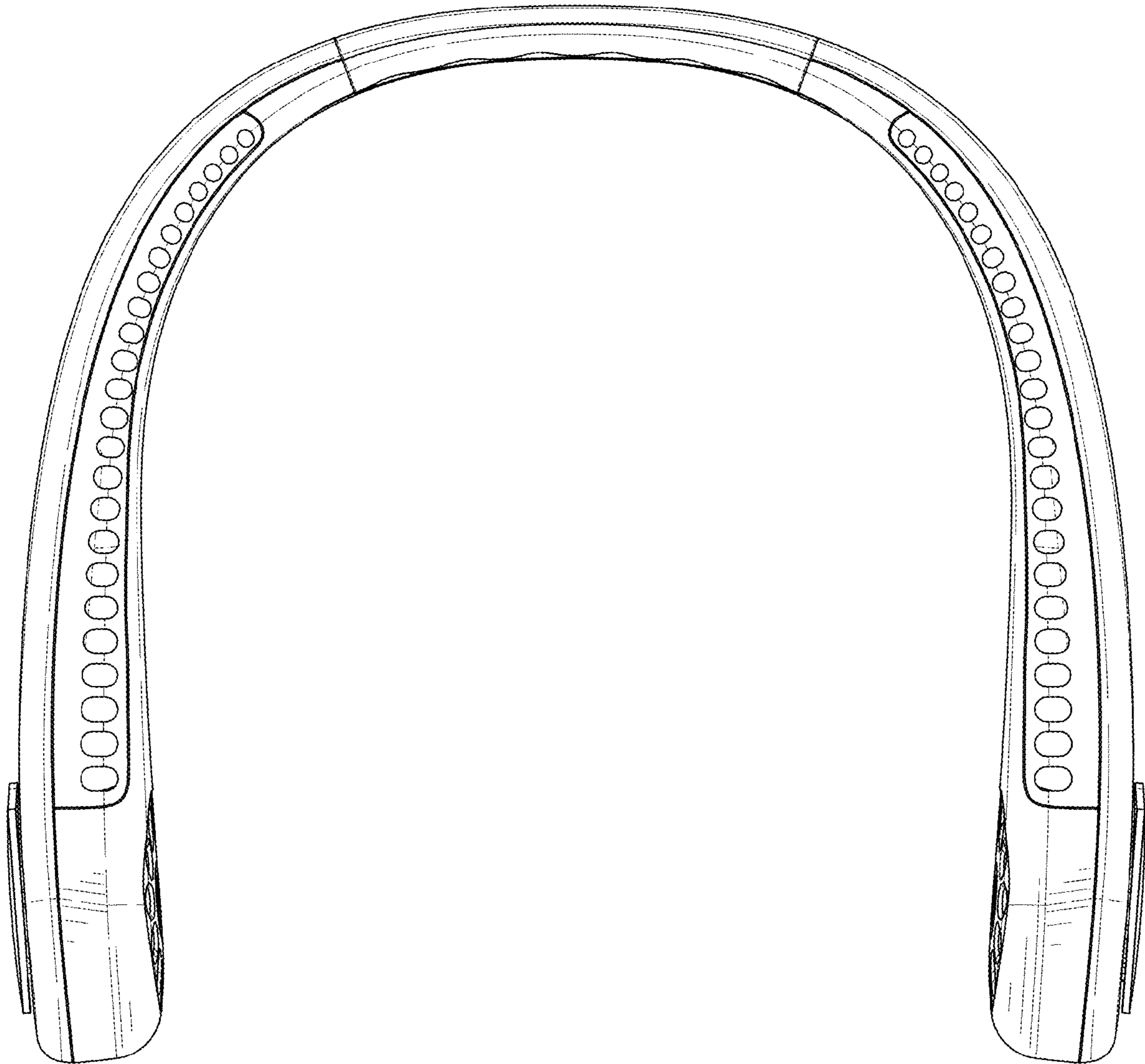


FIG. 3

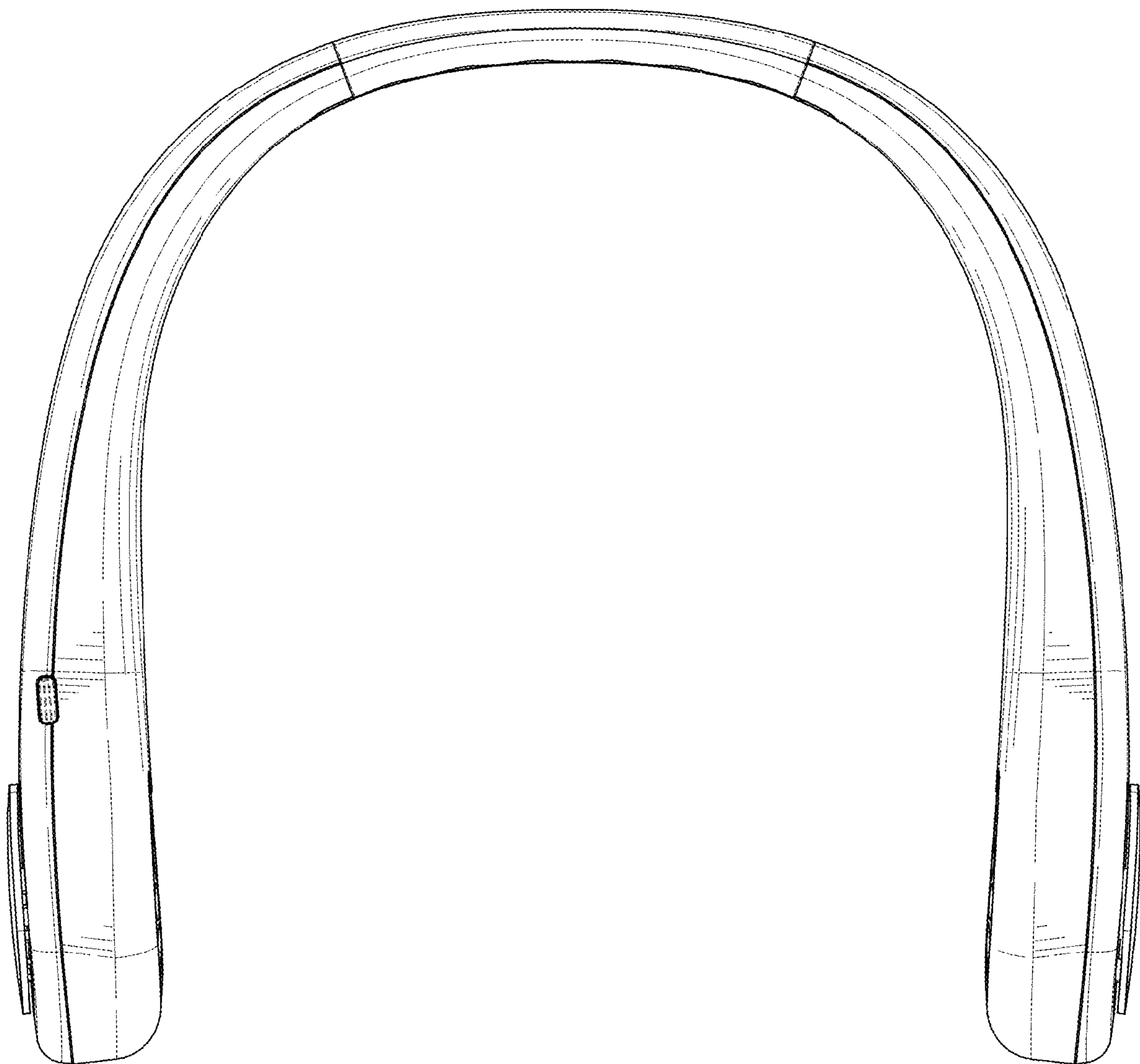


FIG. 4

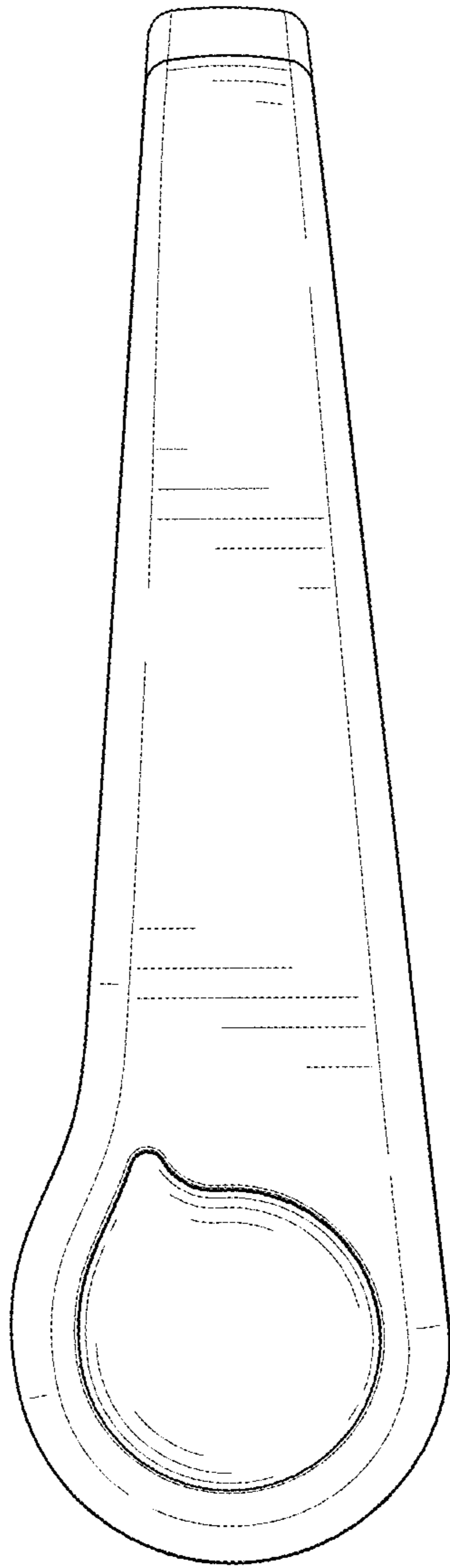


FIG. 5

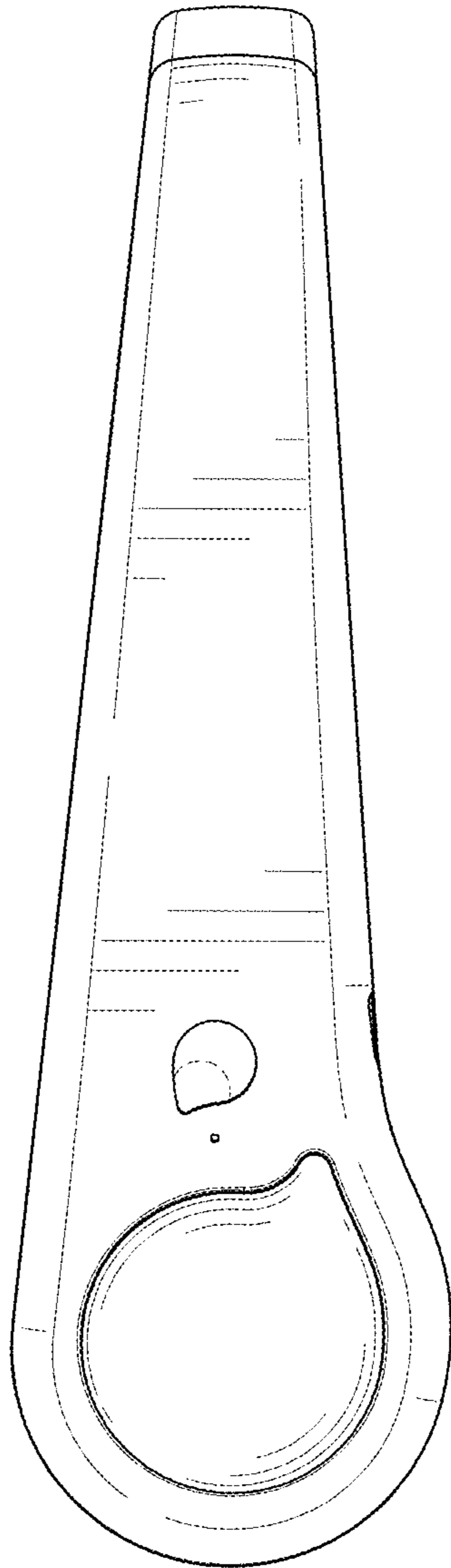


FIG. 6



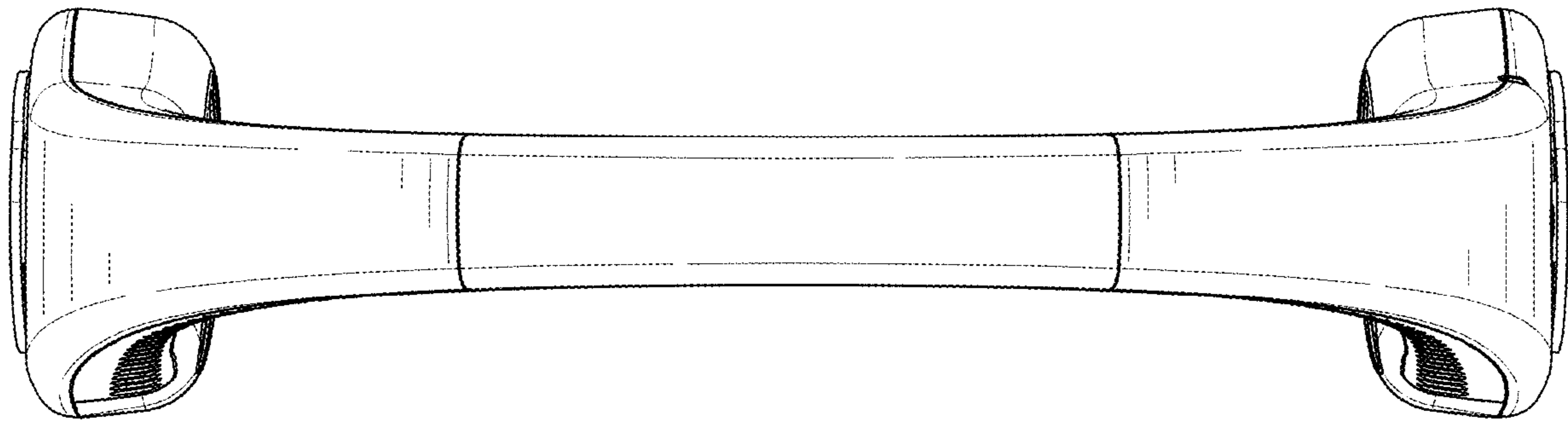


FIG. 7

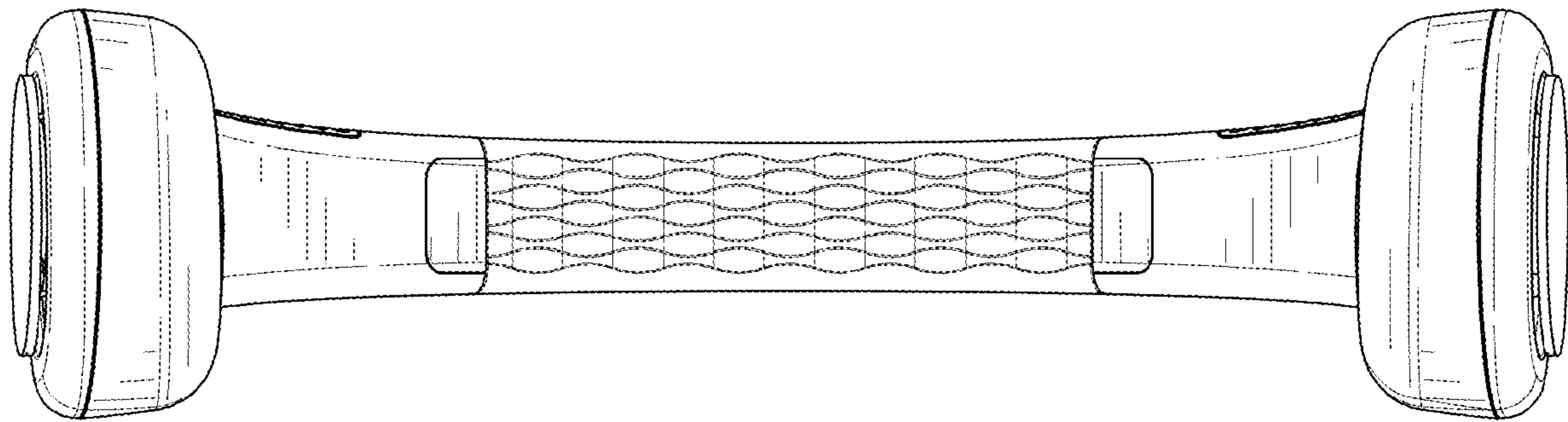


FIG. 8