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

(10) **Patent No.:** **US D953,302 S**  
(45) **Date of Patent:** **\*\* May 31, 2022**

(54) **WIRELESS EARPHONE**

FOREIGN PATENT DOCUMENTS

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CN 305859744 \* 6/2020  
CN 306071439 \* 9/2020

(Continued)

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*Primary Examiner* — Paula Allen Greene

(57) **CLAIM**

The ornamental design for a wireless earphone, as shown and described.

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

**DESCRIPTION**

(21) Appl. No.: **29/746,820**

FIG. 1 is a first perspective view of the first embodiment of a wireless earphone showing my new design;

(22) Filed: **Aug. 18, 2020**

FIG. 2 is a second perspective view of the first embodiment thereof;

(51) **LOC (13) Cl.** ..... **14-01**

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

(58) **Field of Classification Search**  
USPC ..... D14/223, 205; D24/174; 128/864-866;  
381/380, 381, 322, 328; 455/90.3, 575.1,  
455/569.1

FIG. 3 is a front view of the first, embodiment thereof;

FIG. 4 is a back view of the first embodiment thereof;

FIG. 5 is a left side view of the first embodiment thereof;

FIG. 6 is a right side view of the first embodiment thereof;

FIG. 7 is a top view of the first embodiment thereof;

FIG. 8 is a bottom view of the first embodiment thereof;

FIG. 9 is a first perspective view of the second embodiment of a wireless earphone showing my new design;

FIG. 10 is a second perspective view of the second embodiment thereof;

FIG. 11 is a front view of the second embodiment thereof;

FIG. 12 is a back view of the second embodiment thereof;

FIG. 13 is a left side view of the second embodiment thereof;

FIG. 14 is a right side view of the second embodiment thereof;

FIG. 15 is a top view of the second embodiment thereof; and,

FIG. 16 is a bottom view of the second embodiment thereof.

The broken lines shown in the drawings depict portions of the wireless earphone in which the design is embodied that form no part of the claimed design.

CPC ..... H04R 1/10; H04R 25/00; H04R 25/02;  
H04R 1/1066; H04R 1/1016; H04R  
5/033; H04R 5/0335; H04R 1/1083;  
H04R 1/1091; H04R 1/1058

See application file for complete search history.

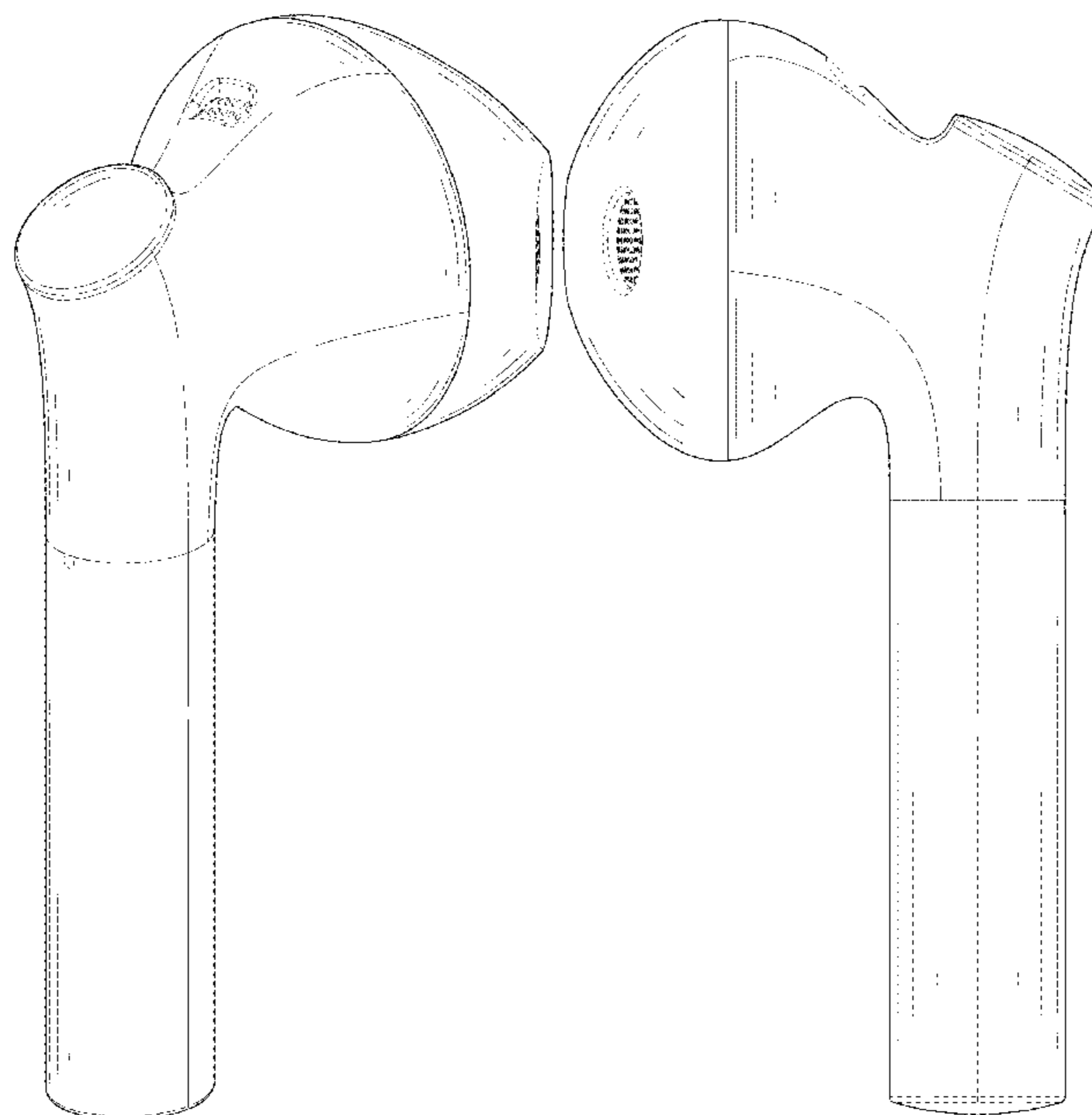
(56) **References Cited**

U.S. PATENT DOCUMENTS

D784,962 S \* 4/2017 Yang ..... D14/223  
D801,314 S \* 10/2017 Akana ..... D14/223  
D817,933 S \* 5/2018 Liu ..... D14/223  
D822,009 S \* 7/2018 Matoba ..... D14/223  
D830,336 S \* 10/2018 Cai ..... D14/205  
D830,345 S \* 10/2018 Cai ..... D14/223  
D831,619 S \* 10/2018 Matoba ..... D14/223

(Continued)

**1 Claim, 16 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D832,824 S \* 11/2018 Kim ..... D14/223  
 D847,125 S \* 4/2019 Akana ..... D14/206  
 D847,794 S \* 5/2019 Guo ..... D14/223  
 D848,979 S \* 5/2019 Kim ..... D14/223  
 D848,980 S \* 5/2019 Kim ..... D14/223  
 D848,983 S \* 5/2019 Kim ..... D14/223  
 D853,995 S \* 7/2019 Cai ..... D14/223  
 D861,647 S \* 10/2019 Chen ..... D14/223  
 D863,260 S \* 10/2019 Zheng ..... D14/223  
 D863,266 S \* 10/2019 Kim ..... D14/223  
 D864,165 S \* 10/2019 Roberts ..... D14/223  
 D864,919 S \* 10/2019 Bonahoom ..... D14/223  
 D865,720 S \* 11/2019 Deng ..... D14/223  
 D869,445 S \* 12/2019 Hu ..... D14/223  
 D872,711 S \* 1/2020 Hu ..... D14/223  
 D878,336 S \* 3/2020 Shiwaku ..... D14/223  
 D878,337 S \* 3/2020 Yang ..... D14/223  
 D883,260 S \* 5/2020 Hu ..... D14/223  
 D883,960 S \* 5/2020 Du ..... D14/223  
 D885,373 S \* 5/2020 Lundback ..... D14/223  
 D887,396 S \* 6/2020 Wang ..... D14/223  
 D888,691 S \* 6/2020 Liu ..... D14/223  
 D889,436 S \* 7/2020 Zhang ..... D14/206

D889,439 S \* 7/2020 Hsieh ..... D14/223  
 D889,440 S \* 7/2020 Yan ..... D14/223  
 D890,138 S \* 7/2020 Peng ..... D14/223  
 D890,724 S \* 7/2020 Li ..... D14/223  
 D892,771 S \* 8/2020 Zhao ..... D14/223  
 D902,181 S \* 11/2020 Maeda ..... D14/223  
 D904,347 S \* 12/2020 Yamamoto ..... D14/223  
 D918,178 S \* 5/2021 Chen ..... D14/223  
 D918,179 S \* 5/2021 Zhao ..... D14/223  
 D940,690 S \* 1/2022 Zhang ..... D14/223  
 D940,691 S \* 1/2022 Zhang ..... D14/223  
 2012/0237074 A1 \* 9/2012 Aase ..... H04R 1/1058  
 29/858  
 2017/0164087 A1 \* 6/2017 Kurtz ..... H04R 1/1016  
 2019/0373354 A1 \* 12/2019 Sondergaard ..... H04R 1/1016  
 2020/0015000 A1 \* 1/2020 Shiwaku ..... H04R 1/1016  
 2020/0196047 A1 \* 6/2020 Irii ..... H04R 7/16  
 2020/0296499 A1 \* 9/2020 Chen ..... H04R 1/1016  
 2021/0152910 A1 \* 5/2021 Llewelyn ..... H04L 51/046

FOREIGN PATENT DOCUMENTS

CN 307068294 \* 1/2022  
 EM 008727382-0001 \* 10/2021

\* cited by examiner

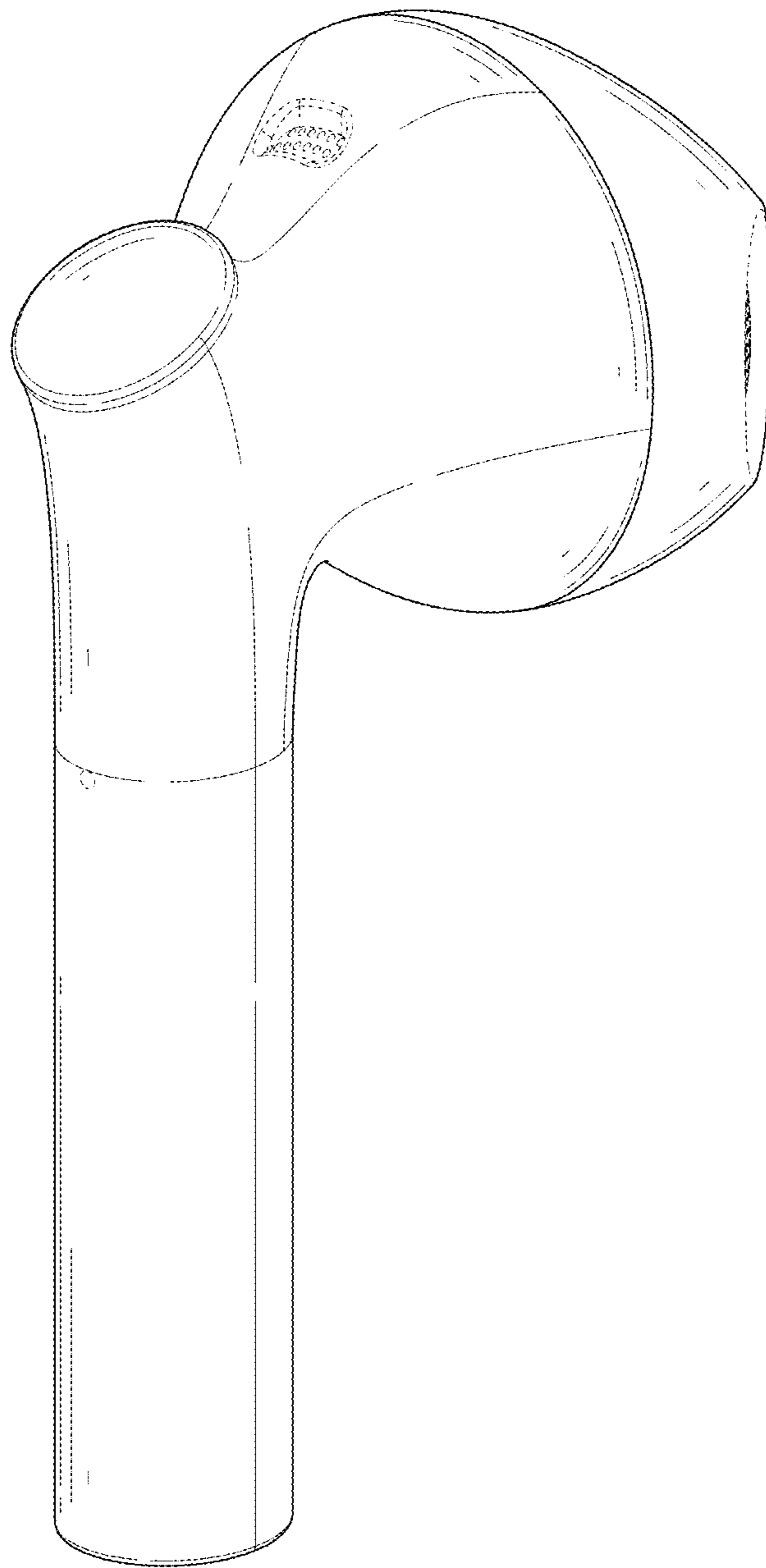


FIG. 1

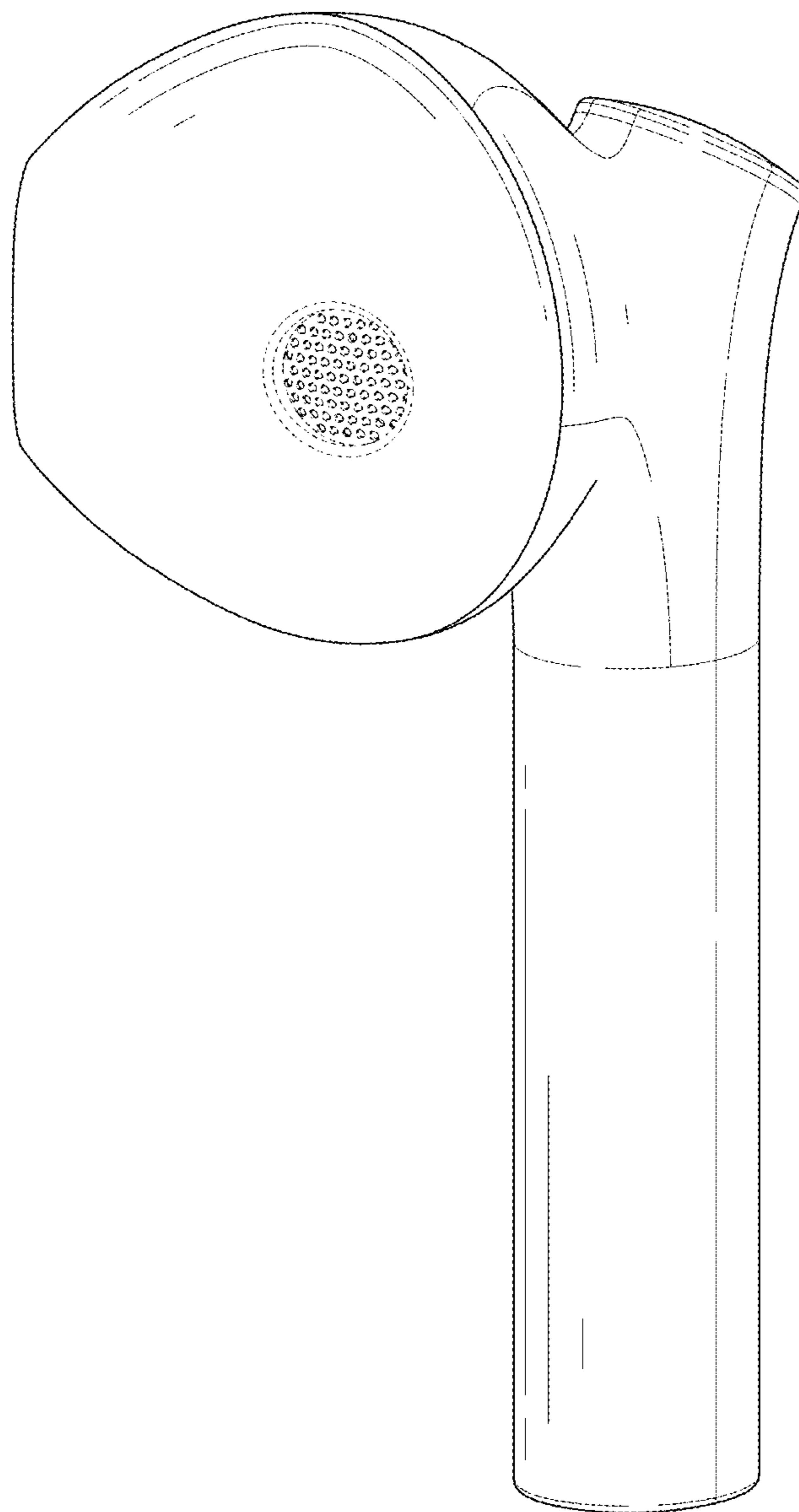


FIG. 2

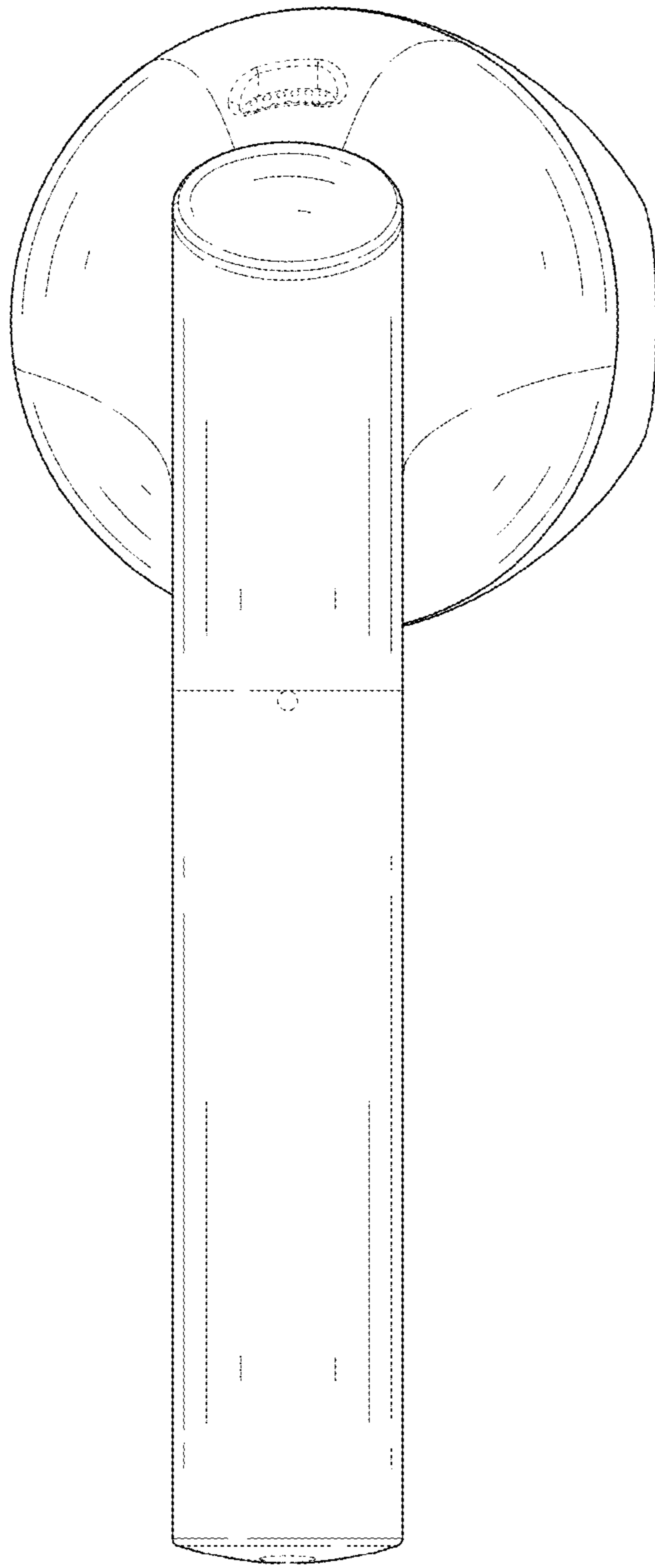


FIG. 3

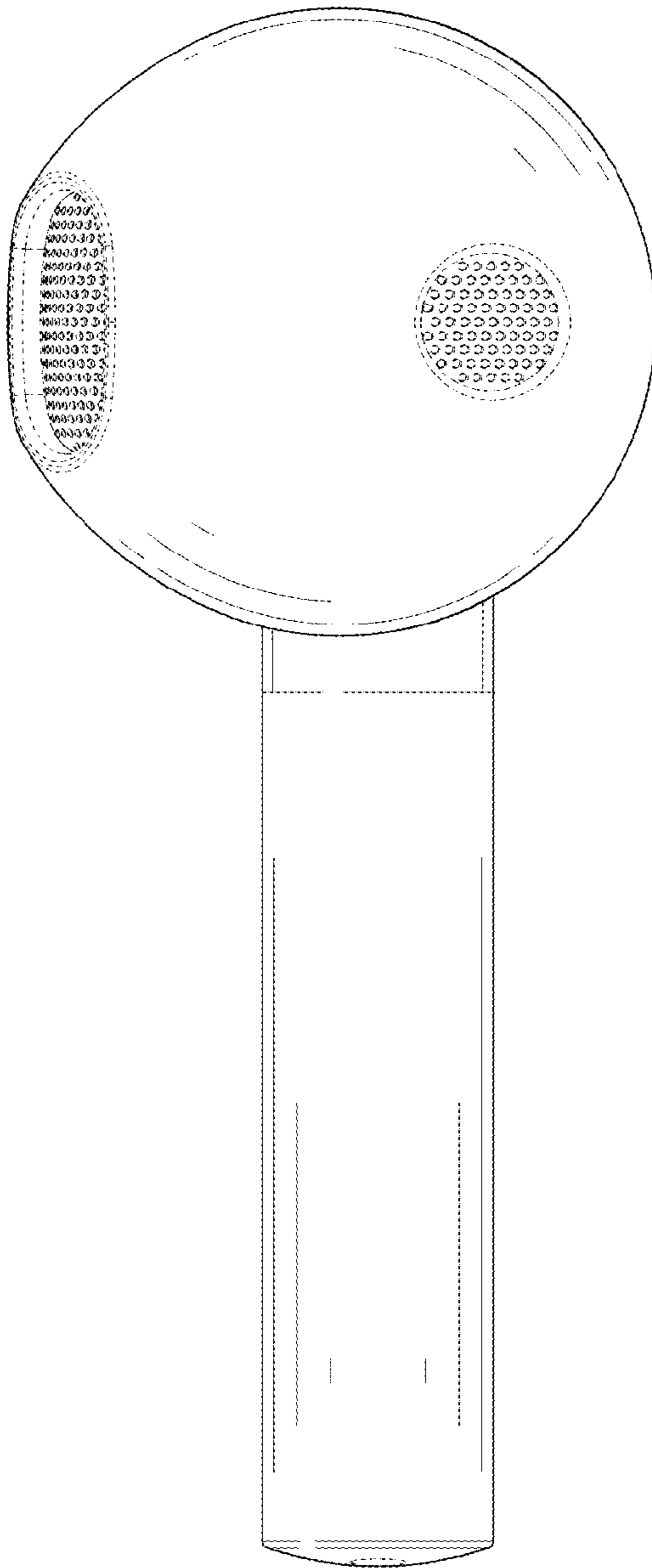


FIG. 4

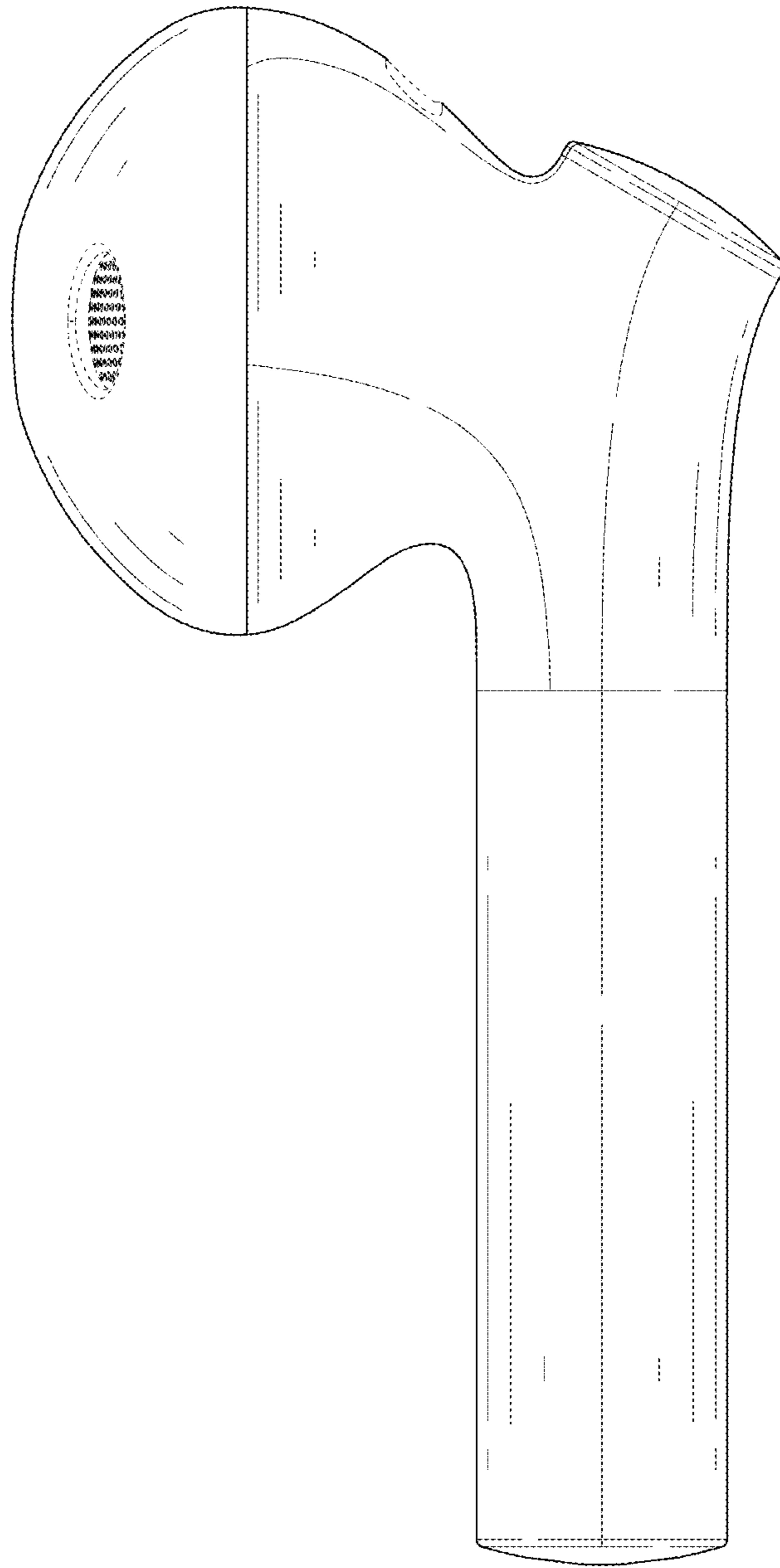


FIG. 5

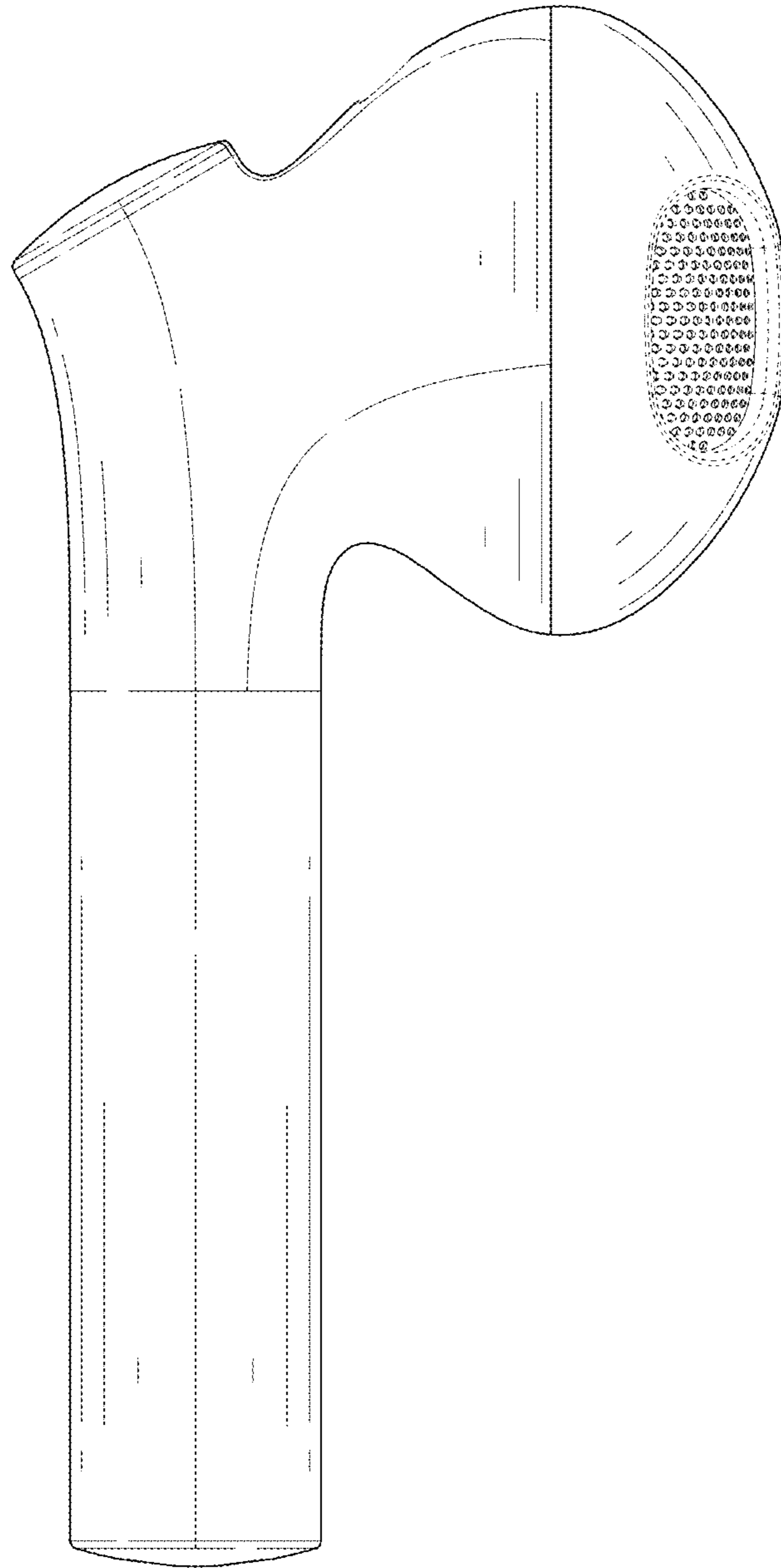


FIG. 6



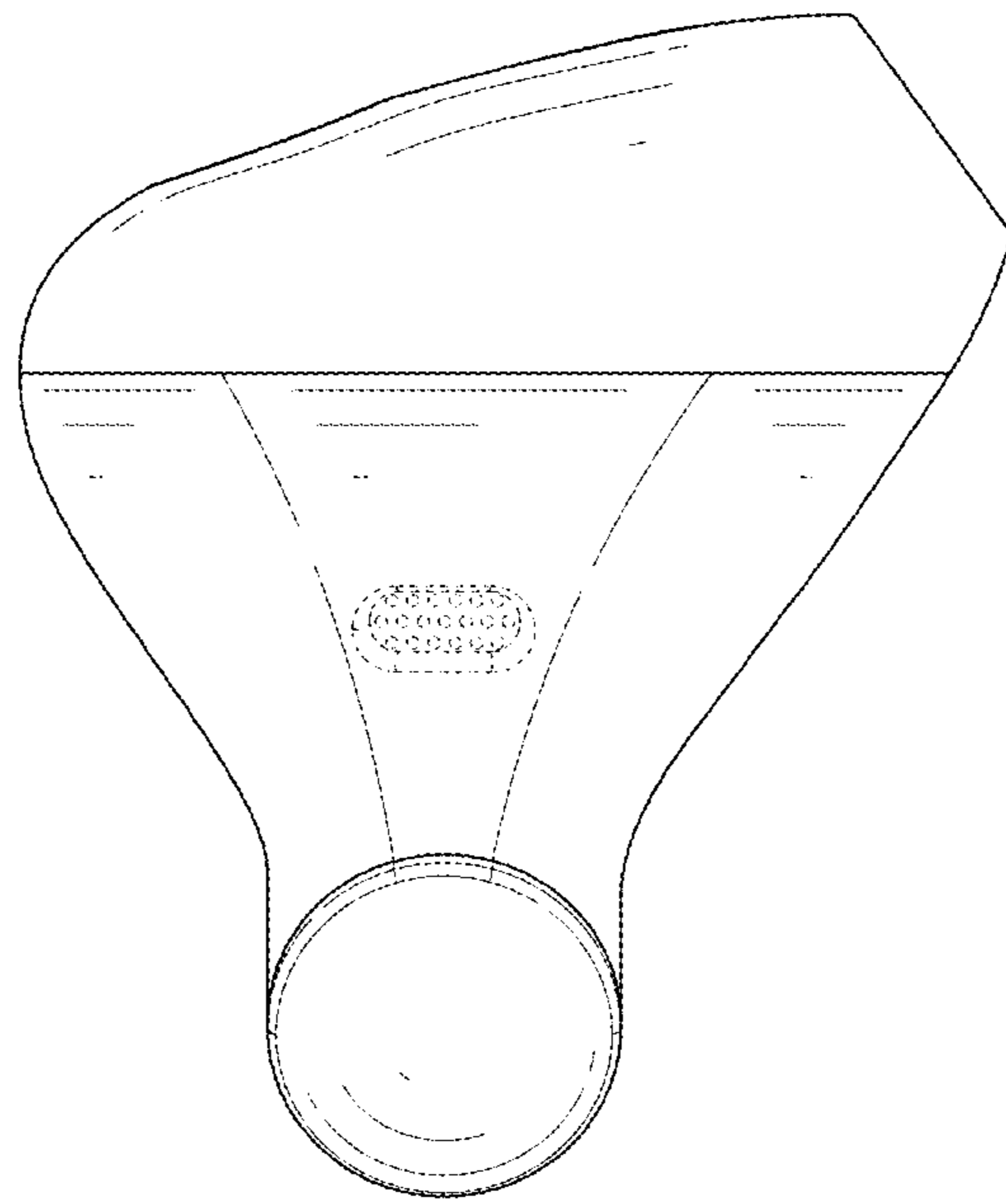


FIG. 7

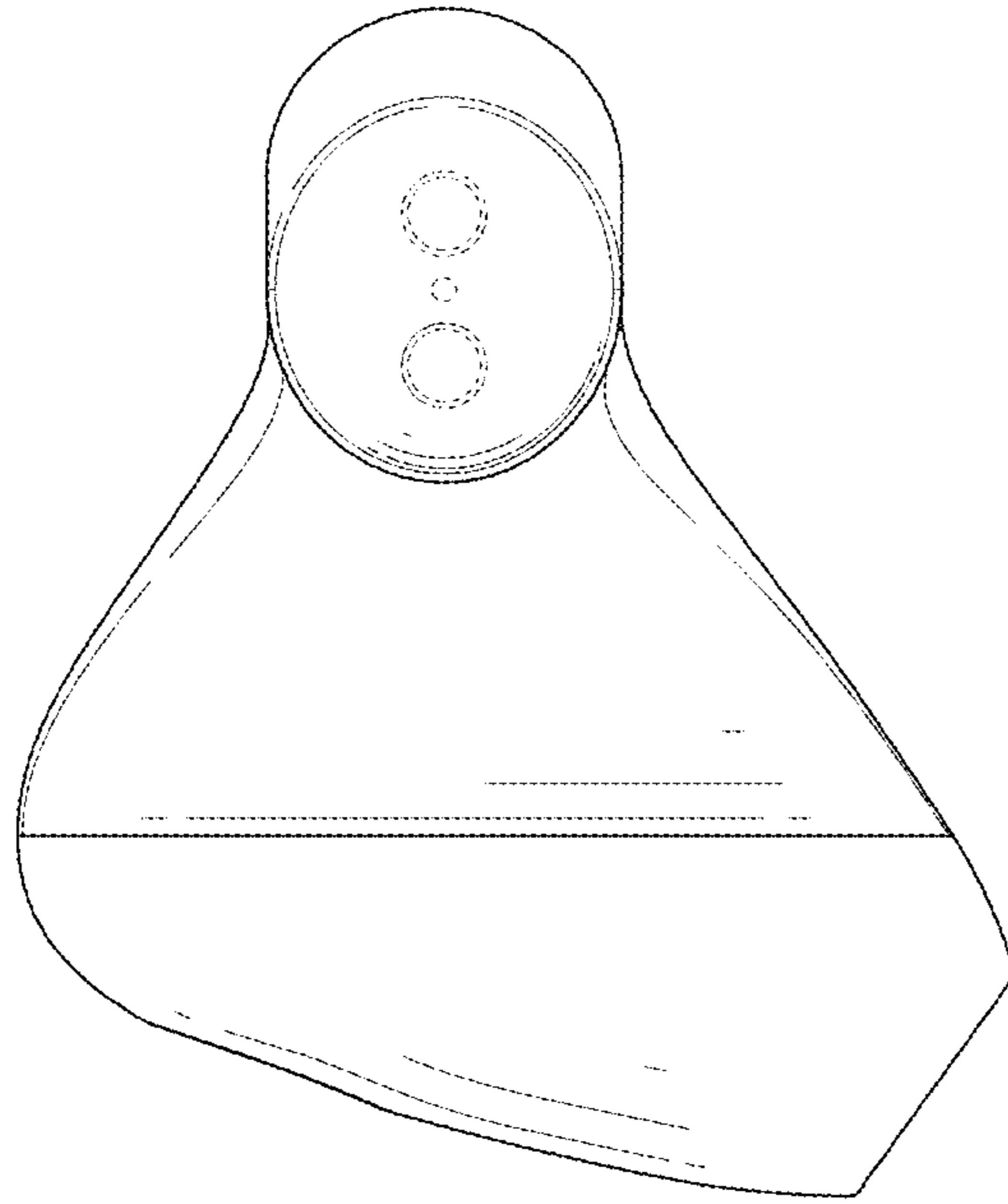


FIG. 8

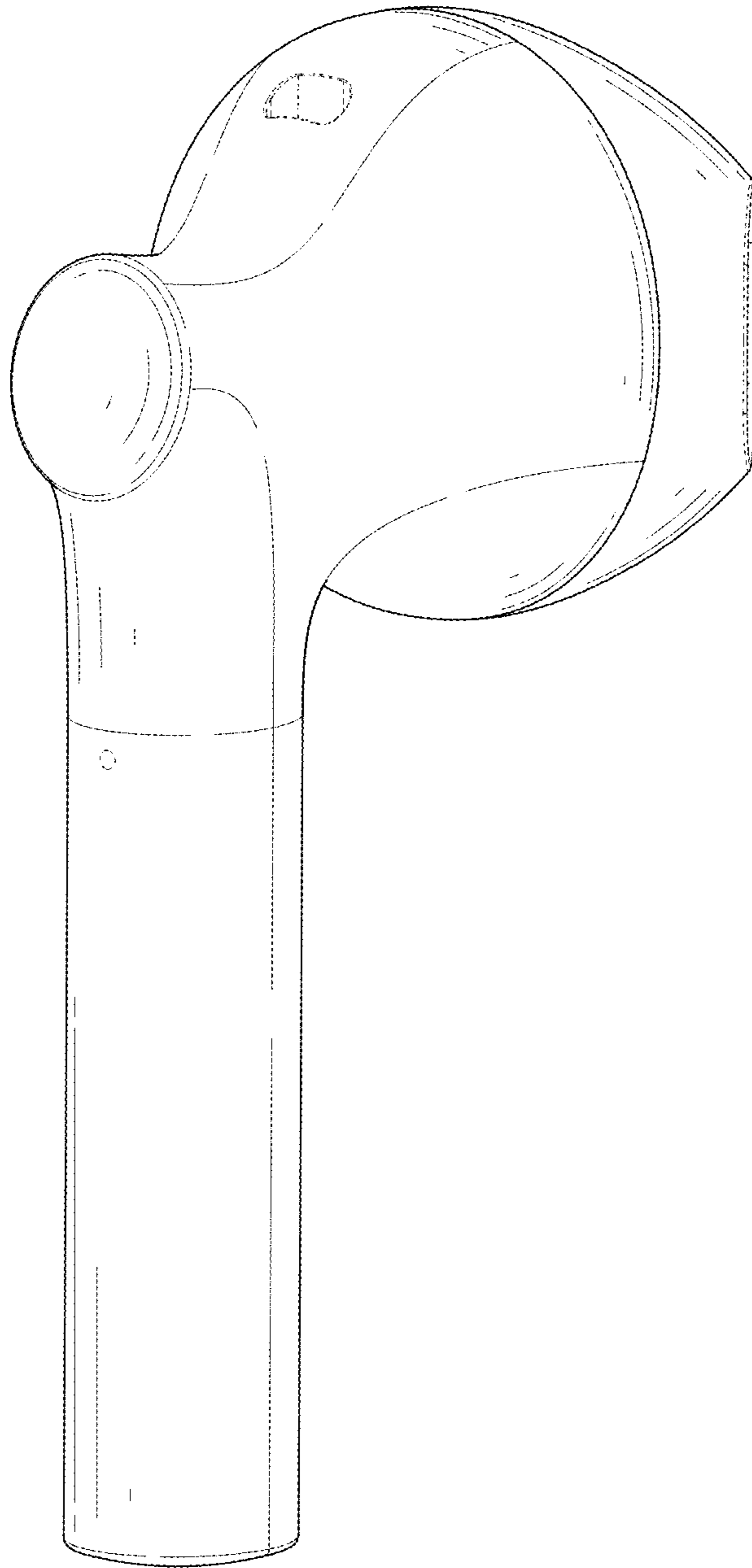


FIG. 9

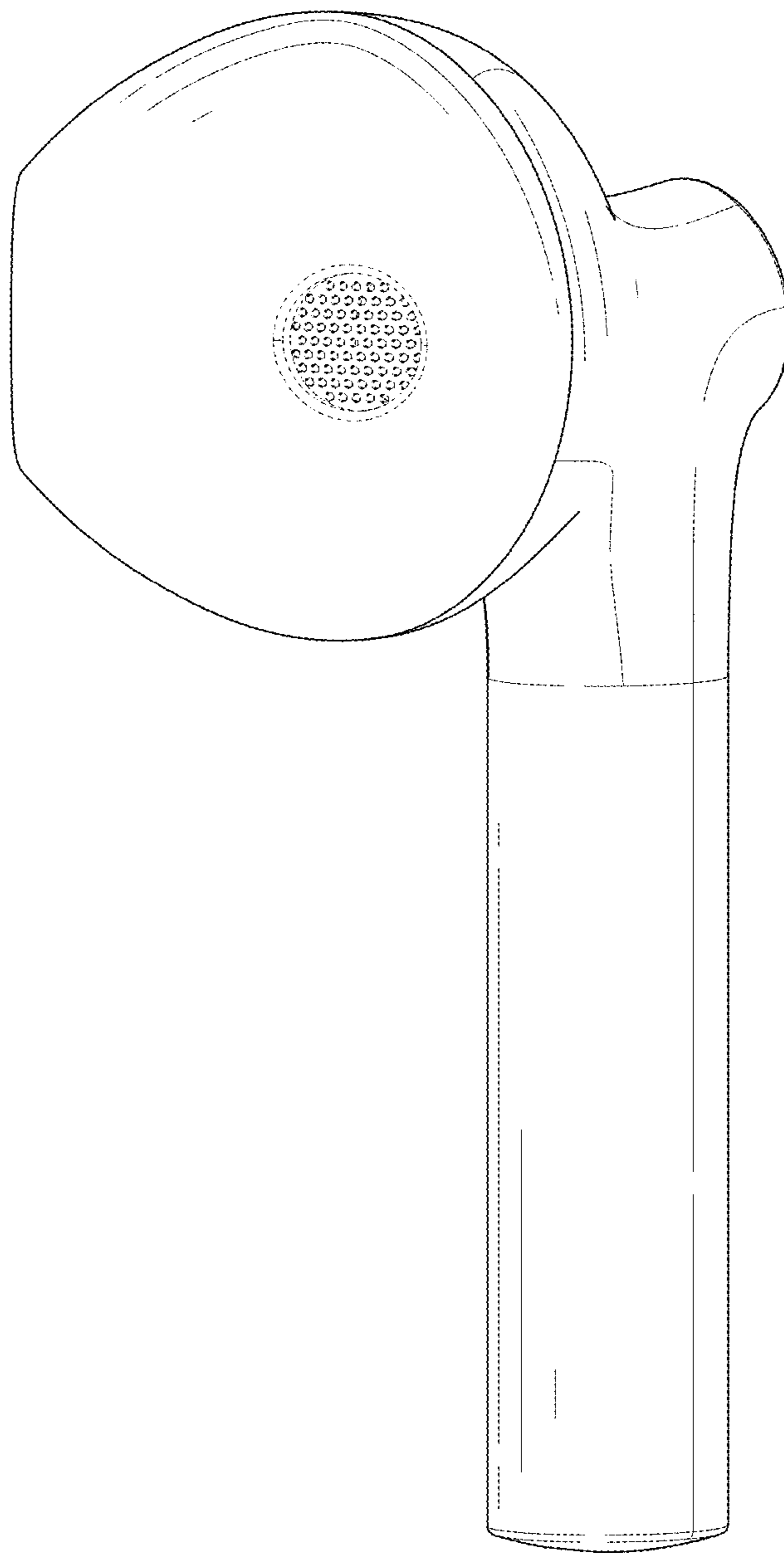


FIG. 10

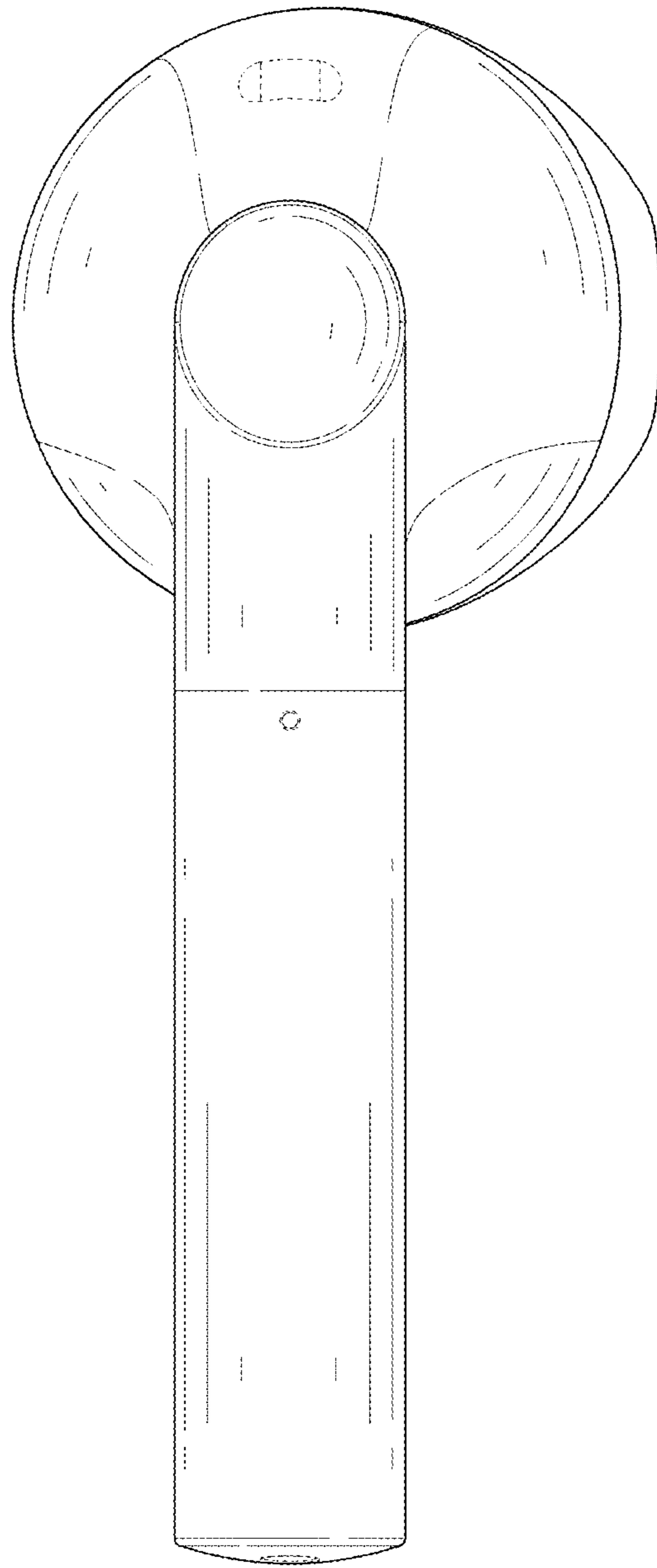


FIG. 11

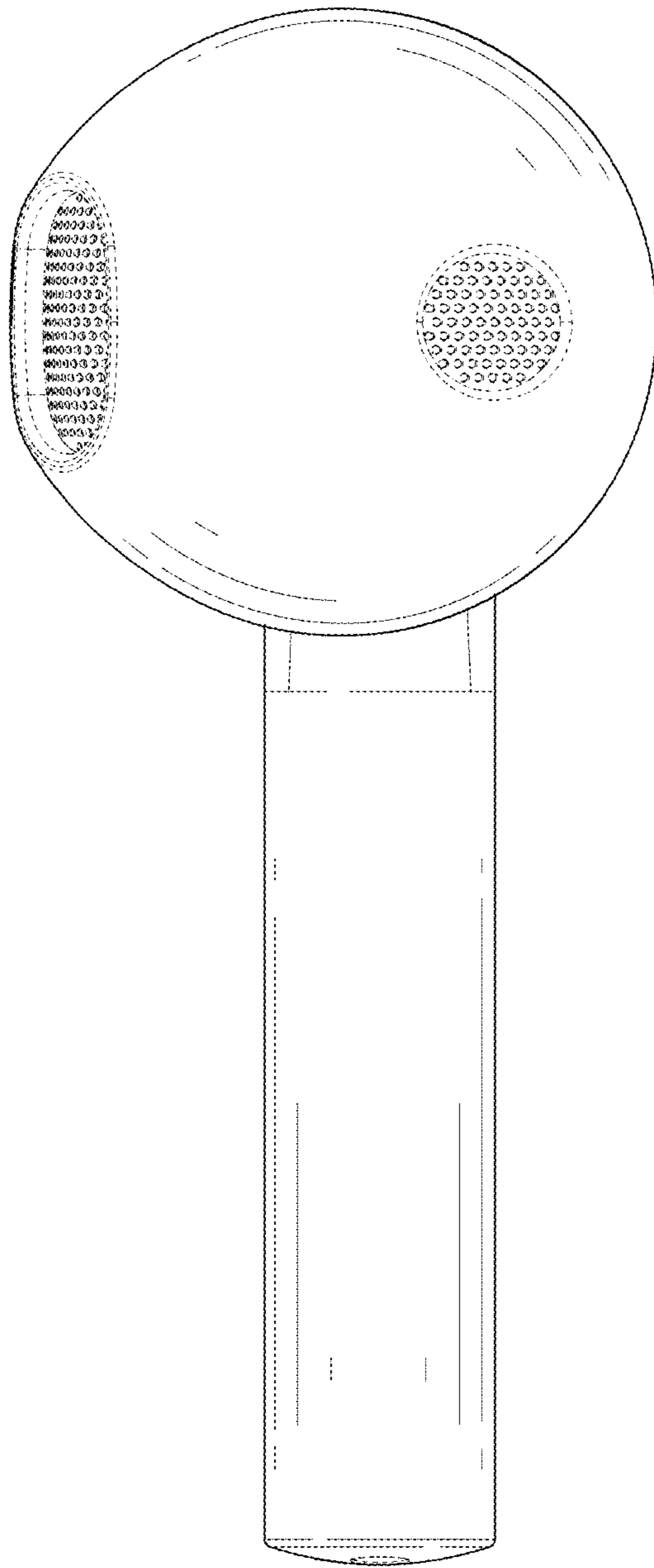


FIG. 12

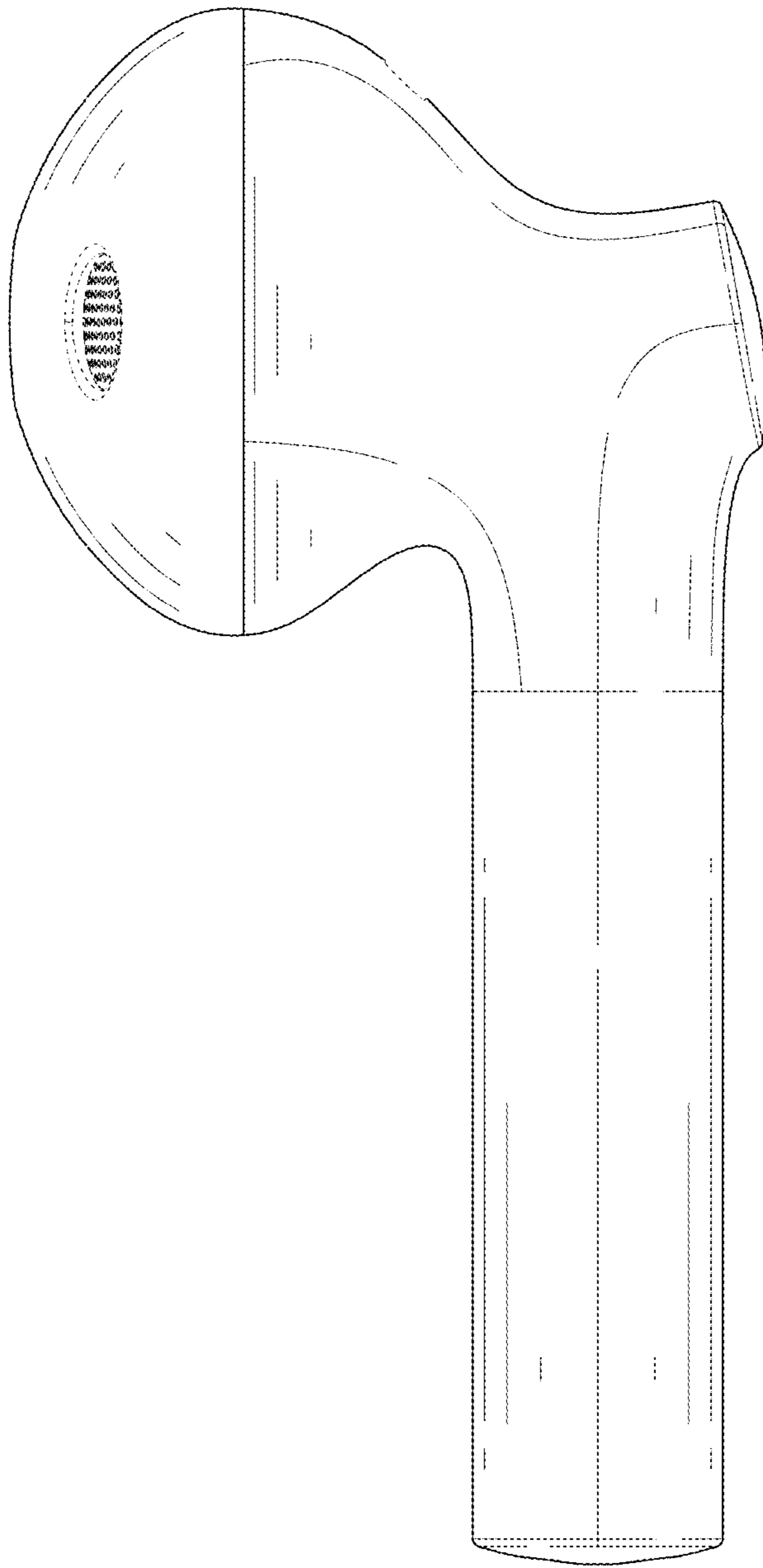


FIG. 13

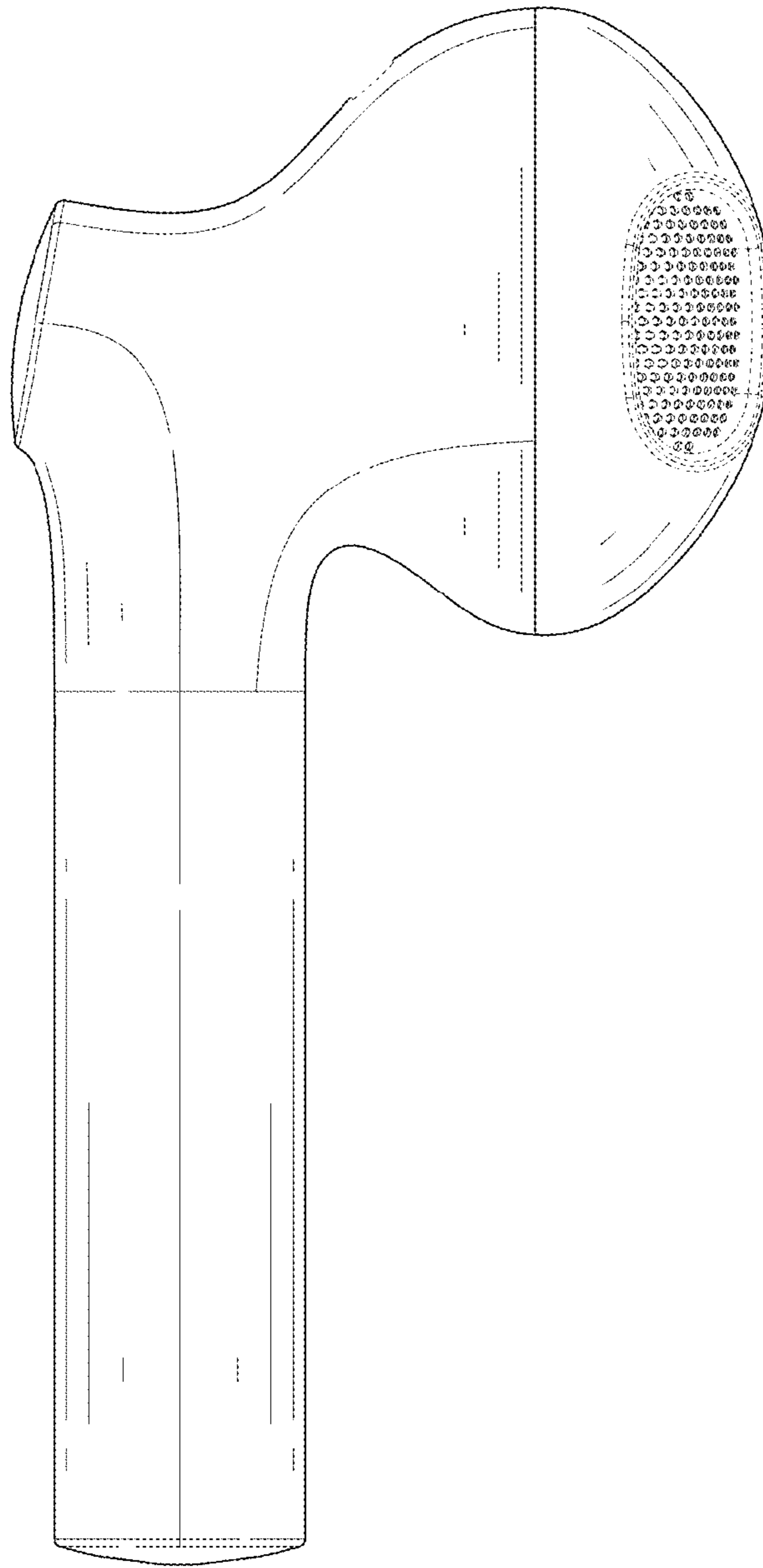


FIG. 14



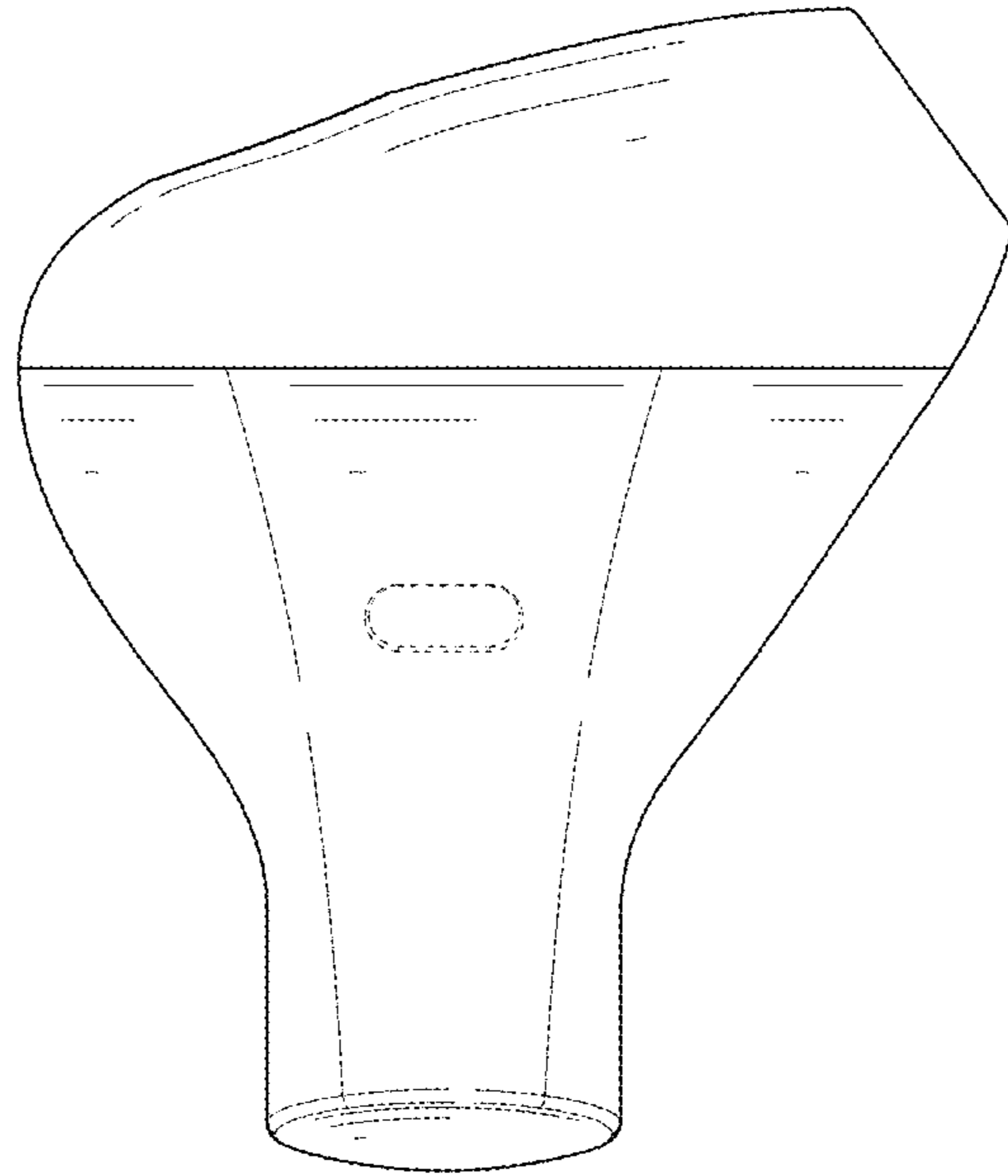


FIG. 15

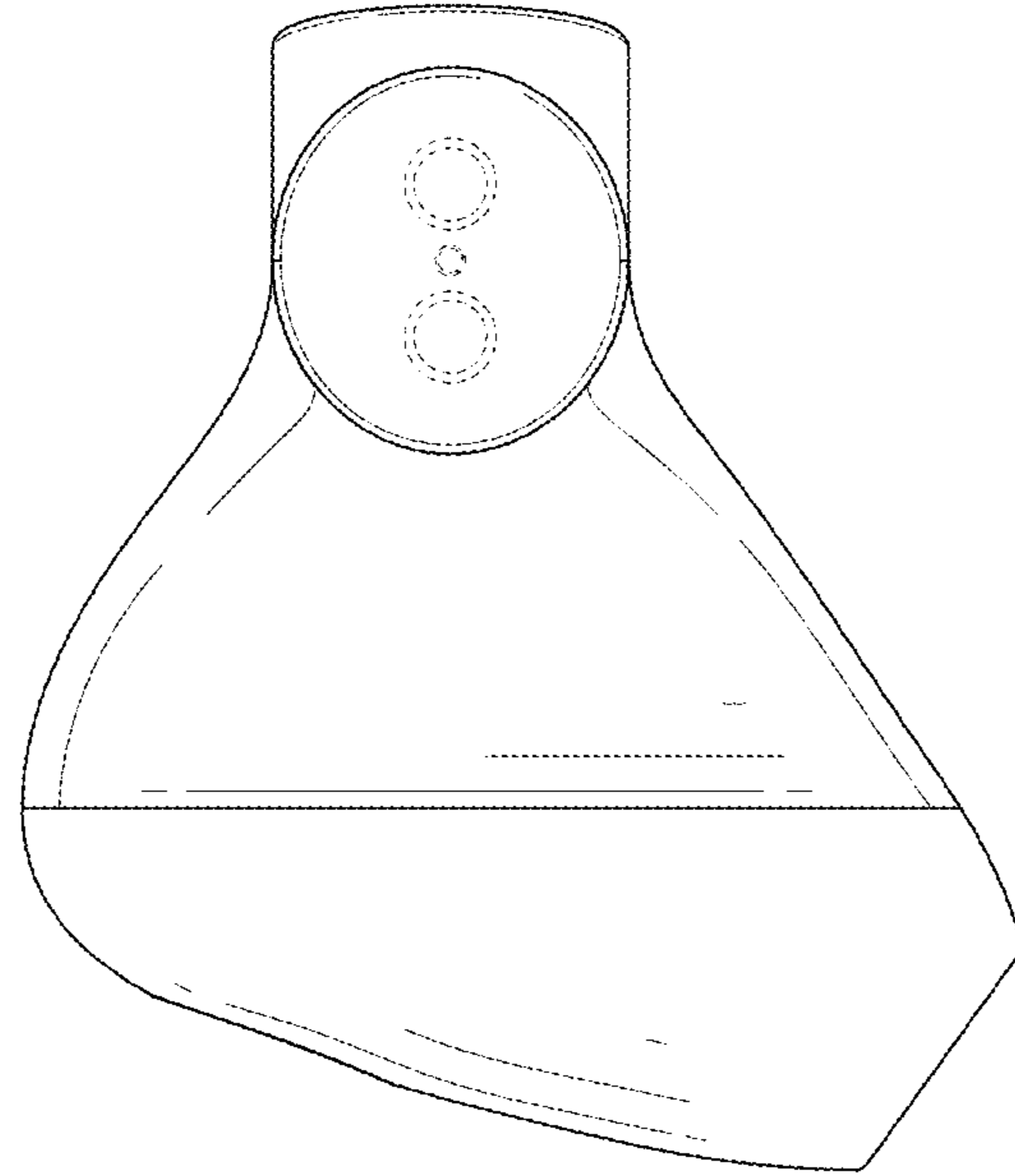


FIG. 16