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

(10) **Patent No.:** **US D884,681 S**

(45) **Date of Patent:** **\*\* May 19, 2020**

(54) **PAIR OF EARPHONES**

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

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(51) **LOC (12) Cl.** ..... **14-01**

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

(58) **Field of Classification Search**

USPC ..... D14/223, 205; D24/174; 128/864, 865, 128/866; 181/129, 130, 135; 379/430, 379/431; 381/380, 381, 374; 455/90.3, 455/575.1, 569.1

CPC ..... H04R 1/10; H04R 25/00; 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**

D215,675 S \* 10/1969 Yran ..... D14/195  
D236,988 S \* 9/1975 Walters ..... D14/223

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN 305172614 \* 5/2019  
CN 305372008 \* 10/2019

(Continued)

**OTHER PUBLICATIONS**

Amazon, "Anker Wireless Earbuds, Soundcore Liberty Life Bluetooth . . .", First reviewed in copending U.S. Appl. No. 29/674,880, filed Jan. 17, 2019. (<https://www.amazon.com/Anker-Soundcore->

Sweatproof-Headphones-Graphene-Enhanced/dp/B07JMLGMNL) (year 2019 13 pages) (Year: 2019).\*

*Primary Examiner* — Paula Allen Greene

(74) *Attorney, Agent, or Firm* — Getech Law LLC; Jun Ye

(57) **CLAIM**

The ornamental design for a pair of earphones, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a pair of earphones in accordance with the present invention;

FIG. 2 is a front view of a first earpiece of the pair of earphones in accordance with the present invention;

FIG. 3 is a rear view thereof;

FIG. 4 is a left view thereof;

FIG. 5 is a right view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is a perspective view thereof;

FIG. 9 is a front view of a second earpiece of the pair of earphones in accordance with the present invention;

FIG. 10 is a rear view thereof;

FIG. 11 is a left view thereof;

FIG. 12 is a right view thereof;

FIG. 13 is a top view thereof; and

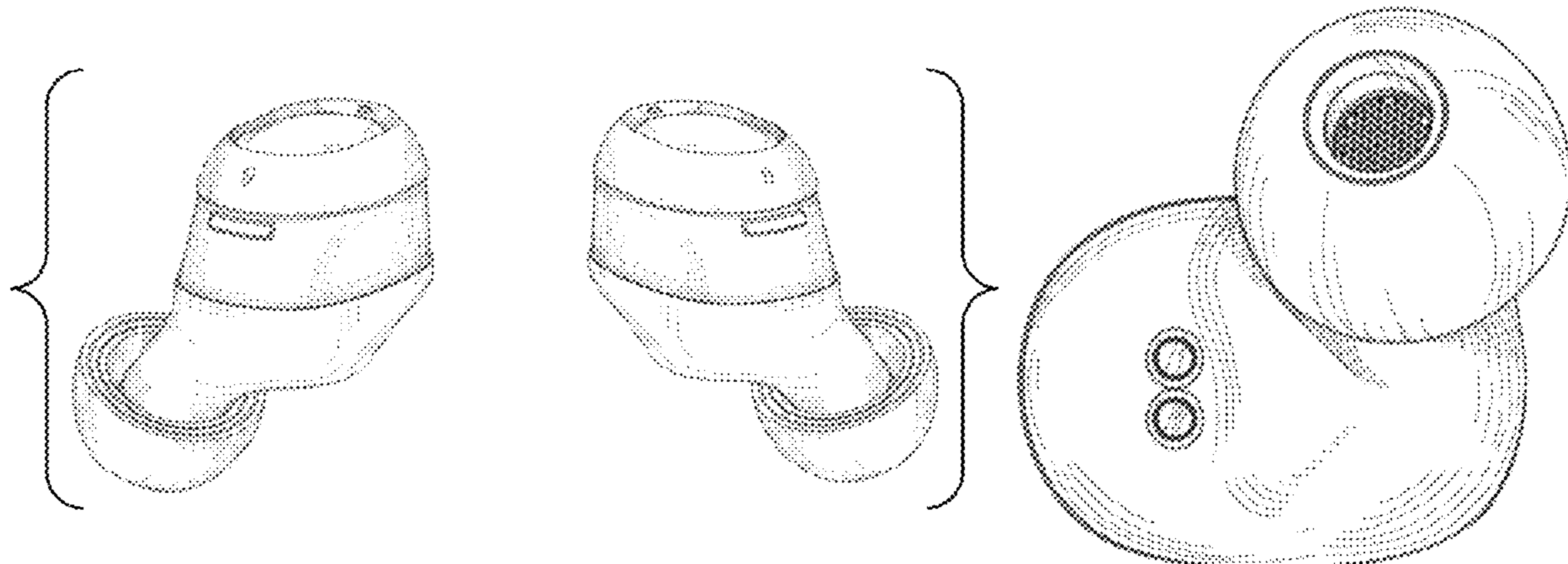
FIG. 14 is a bottom view thereof; and,

FIG. 15 is a perspective view thereof.

The features shown in broken lines in the various Figures are for illustrating environmental structure and form no part of the claimed design.

As indicated in the title, the article of manufacture to which the ornamental design has been applied is a pair of earphones, in-ear headphones, earbuds, earpieces for headphones, headsets or headphone devices.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D287,764 S \* 1/1987 Topholm ..... D24/174  
 D287,765 S \* 1/1987 Topholm ..... D24/174  
 D295,173 S \* 4/1988 Oren ..... D14/168  
 D297,979 S \* 10/1988 Voroba ..... D24/174  
 D338,530 S \* 8/1993 Oberlander ..... D24/174  
 D348,066 S \* 6/1994 Lucey ..... D14/205  
 D397,796 S \* 9/1998 Yabe ..... D24/174  
 D473,217 S \* 4/2003 Rivera ..... D14/223  
 D477,593 S \* 7/2003 Komiyama ..... D14/223  
 D477,822 S \* 7/2003 Komiyama ..... D14/223  
 D481,709 S \* 11/2003 Solderits ..... D14/223  
 D505,411 S \* 5/2005 Sakai ..... D14/192  
 D514,095 S \* 1/2006 Wilson ..... D14/223  
 D519,108 S \* 4/2006 Yang ..... D14/223  
 D579,006 S \* 10/2008 Kim ..... D14/223  
 D588,111 S \* 3/2009 Komiyama ..... D14/223  
 D603,380 S \* 11/2009 Hutchieson ..... D14/223  
 D636,492 S \* 4/2011 Aquilina ..... D24/174  
 D637,997 S \* 5/2011 Peller ..... D14/205  
 D637,999 S \* 5/2011 Brunner ..... D14/205  
 D641,010 S \* 7/2011 Kwon ..... D14/223  
 D643,833 S \* 8/2011 Lee ..... D14/223  
 D652,817 S \* 1/2012 Lee ..... D14/205  
 D652,822 S \* 1/2012 Lee ..... D14/223  
 D654,056 S \* 2/2012 Hoggarth ..... D14/205  
 D666,581 S \* 9/2012 Perez ..... D14/223  
 D685,764 S \* 7/2013 Coulter ..... D14/205  
 D686,597 S \* 7/2013 Lee ..... D14/223  
 D697,058 S \* 1/2014 Thompson ..... D14/205  
 D699,226 S \* 2/2014 Yoon ..... D14/206  
 D711,356 S \* 8/2014 Yang ..... D14/223  
 D711,857 S \* 8/2014 Burgett ..... D14/223  
 D711,858 S \* 8/2014 Yang ..... D14/223  
 D712,882 S \* 9/2014 Wang ..... D14/223  
 D719,139 S \* 12/2014 Henry ..... D14/223  
 D719,550 S \* 12/2014 Yang ..... D14/223  
 D725,082 S \* 3/2015 Palmborg ..... D14/223  
 D726,145 S \* 4/2015 Hsieh ..... D14/205  
 D727,871 S \* 4/2015 Orbach ..... D14/205  
 D728,107 S \* 4/2015 Torres Martin ..... D24/174  
 D733,102 S \* 6/2015 Palmborg ..... D14/223  
 D733,103 S \* 6/2015 Jeong ..... D14/224  
 D735,169 S \* 7/2015 Shieh ..... D14/223  
 D737,251 S \* 8/2015 Thompson ..... D14/223  
 D742,861 S \* 11/2015 Miyake ..... D14/223  
 D764,445 S \* 8/2016 Czaniecki ..... D14/223  
 D773,032 S \* 11/2016 Palmborg ..... D24/106  
 D777,148 S \* 1/2017 Samrelius ..... D14/223

D777,710 S \* 1/2017 Palmborg ..... D14/223  
 D781,269 S \* 3/2017 Choe ..... D14/223  
 D782,997 S \* 4/2017 Shin ..... D14/205  
 D782,998 S \* 4/2017 Shin ..... D14/205  
 D794,611 S \* 8/2017 Valenzuela ..... D14/223  
 D795,224 S \* 8/2017 Valenzuela ..... D14/223  
 D798,843 S \* 10/2017 Valenzuela ..... D14/223  
 D800,097 S \* 10/2017 Chen ..... D14/223  
 D801,950 S \* 11/2017 Otani ..... D14/223  
 D806,879 S \* 1/2018 Horbinski ..... D24/174  
 D807,862 S \* 1/2018 Takami ..... D14/223  
 D810,054 S \* 2/2018 Yuan ..... D14/223  
 D812,042 S \* 3/2018 Xiao ..... D14/223  
 D813,205 S \* 3/2018 Palmborg ..... D14/223  
 D813,848 S \* 3/2018 Palmborg ..... D14/223  
 D817,309 S \* 5/2018 Czaniecki ..... D14/223  
 D822,646 S \* 7/2018 Dang ..... D14/223  
 D832,823 S \* 11/2018 Xiao ..... D14/223  
 D841,626 S \* 2/2019 Tang ..... D14/223  
 D841,627 S \* 2/2019 Wen ..... D14/223  
 D842,844 S \* 3/2019 Li ..... D14/223  
 D843,353 S \* 3/2019 Zhang ..... D14/223  
 D845,932 S \* 4/2019 Lu ..... D14/223  
 D846,532 S \* 4/2019 Xiao ..... D14/223  
 D847,126 S \* 4/2019 Loermann ..... D14/223  
 D852,171 S \* 6/2019 Cai ..... D14/223  
 D852,359 S \* 6/2019 Lund ..... D24/141  
 D852,782 S \* 7/2019 Bergman ..... D14/223  
 D852,783 S \* 7/2019 Hueber ..... D14/223  
 D858,489 S \* 9/2019 Hu ..... D14/223  
 D862,424 S \* 10/2019 You ..... D14/223  
 D863,263 S \* 10/2019 Yu ..... D14/223  
 D864,166 S \* 10/2019 You ..... D14/223  
 D864,167 S \* 10/2019 Wu ..... D14/223  
 D868,752 S \* 12/2019 Zhu ..... D14/223  
 D869,443 S \* 12/2019 Sumii ..... D14/223  
 D871,376 S \* 12/2019 Zhou ..... D14/223  
 D872,063 S \* 1/2020 Arimoto ..... D14/223  
 D873,217 S \* 1/2020 Zhang ..... D13/108  
 2012/0114160 A1 \* 5/2012 Lin ..... H04R 1/1091  
 381/380  
 2017/0026738 A1 \* 1/2017 Tang ..... H04R 1/1058

FOREIGN PATENT DOCUMENTS

EM 004059293-0001 \* 6/2017  
 EM 005814449-0001 \* 11/2018  
 EM 005814449-0002 \* 11/2018  
 EM 007456785-0001 \* 12/2019

\* cited by examiner

FIG. 1

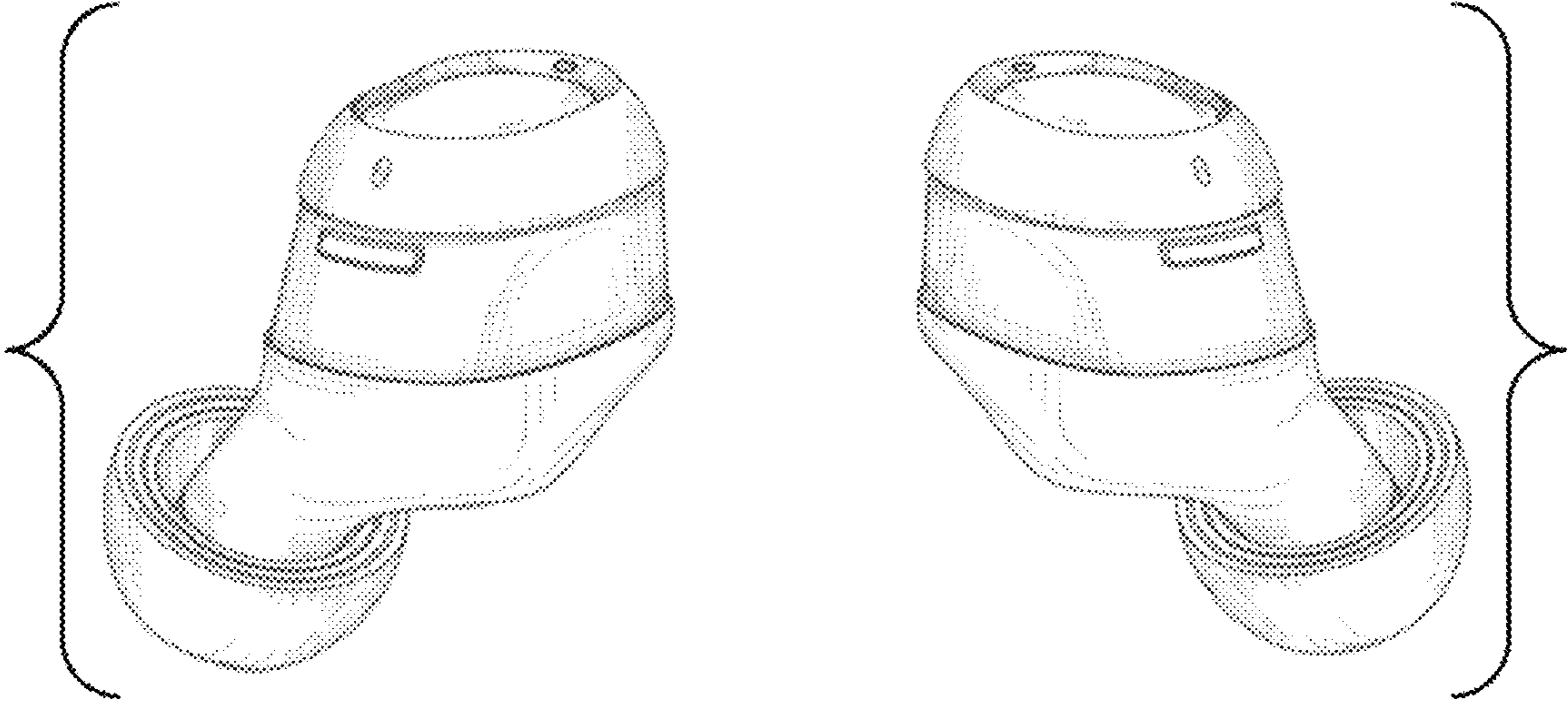


FIG. 2

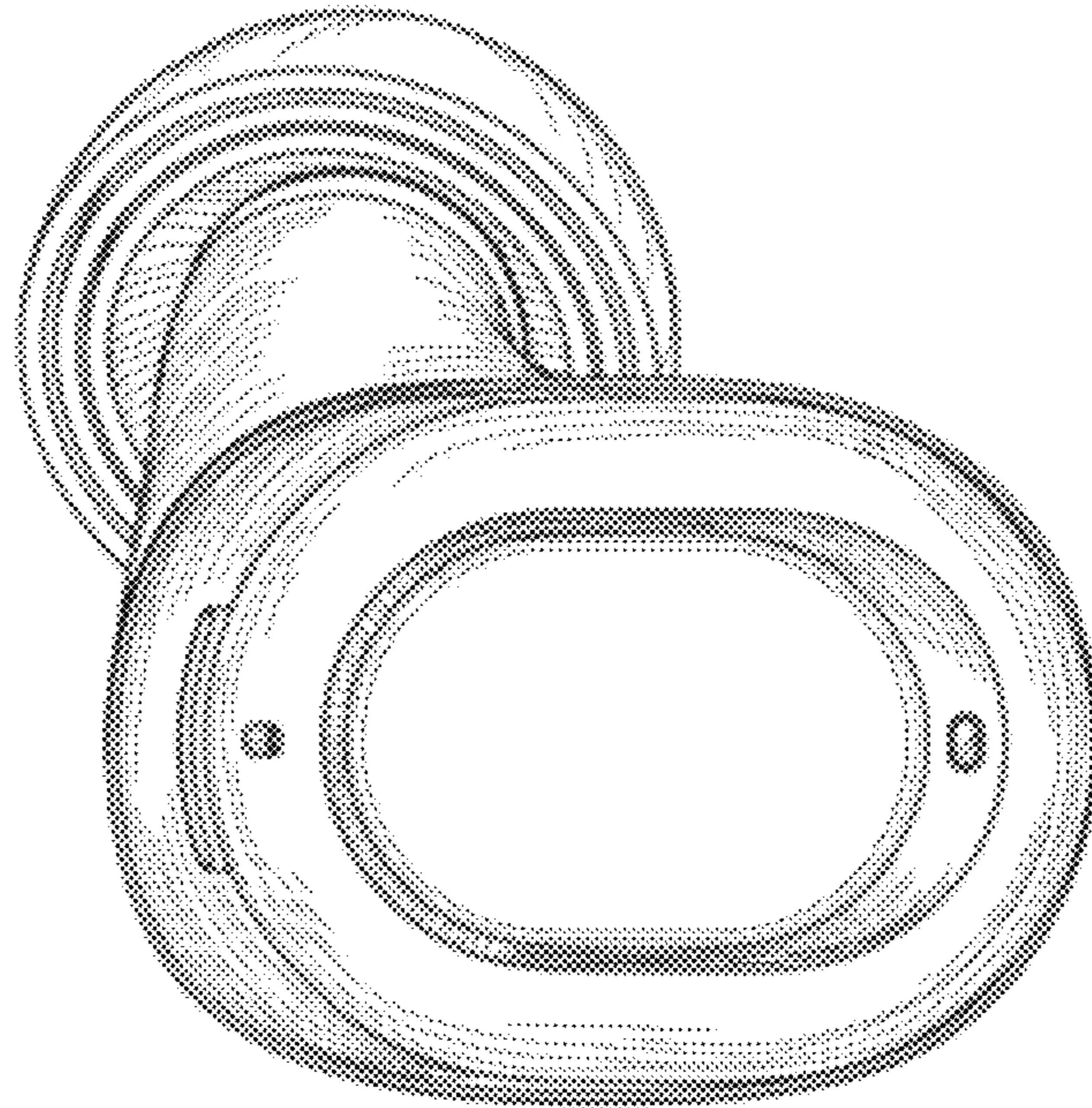


FIG. 3

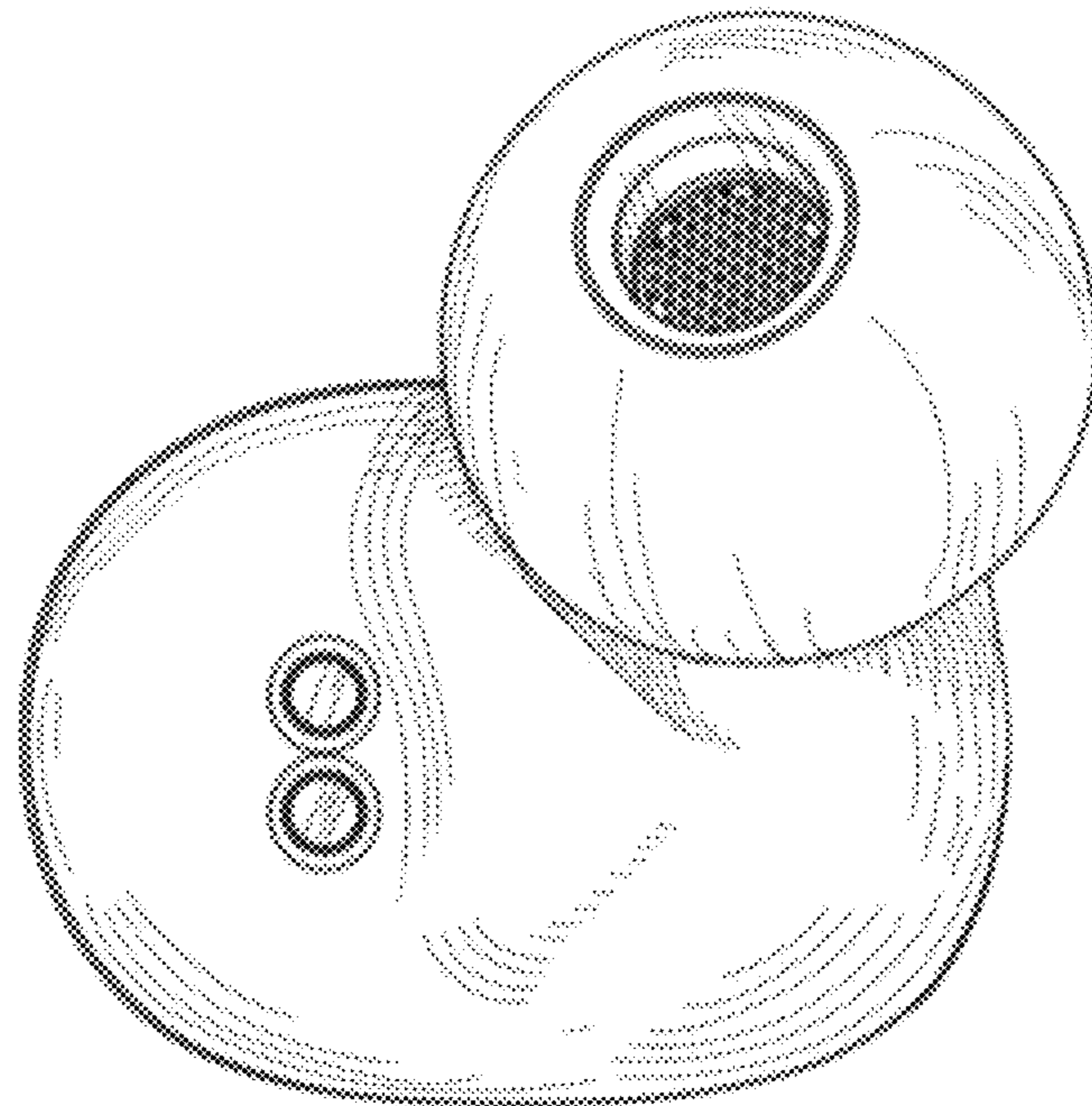


FIG. 4

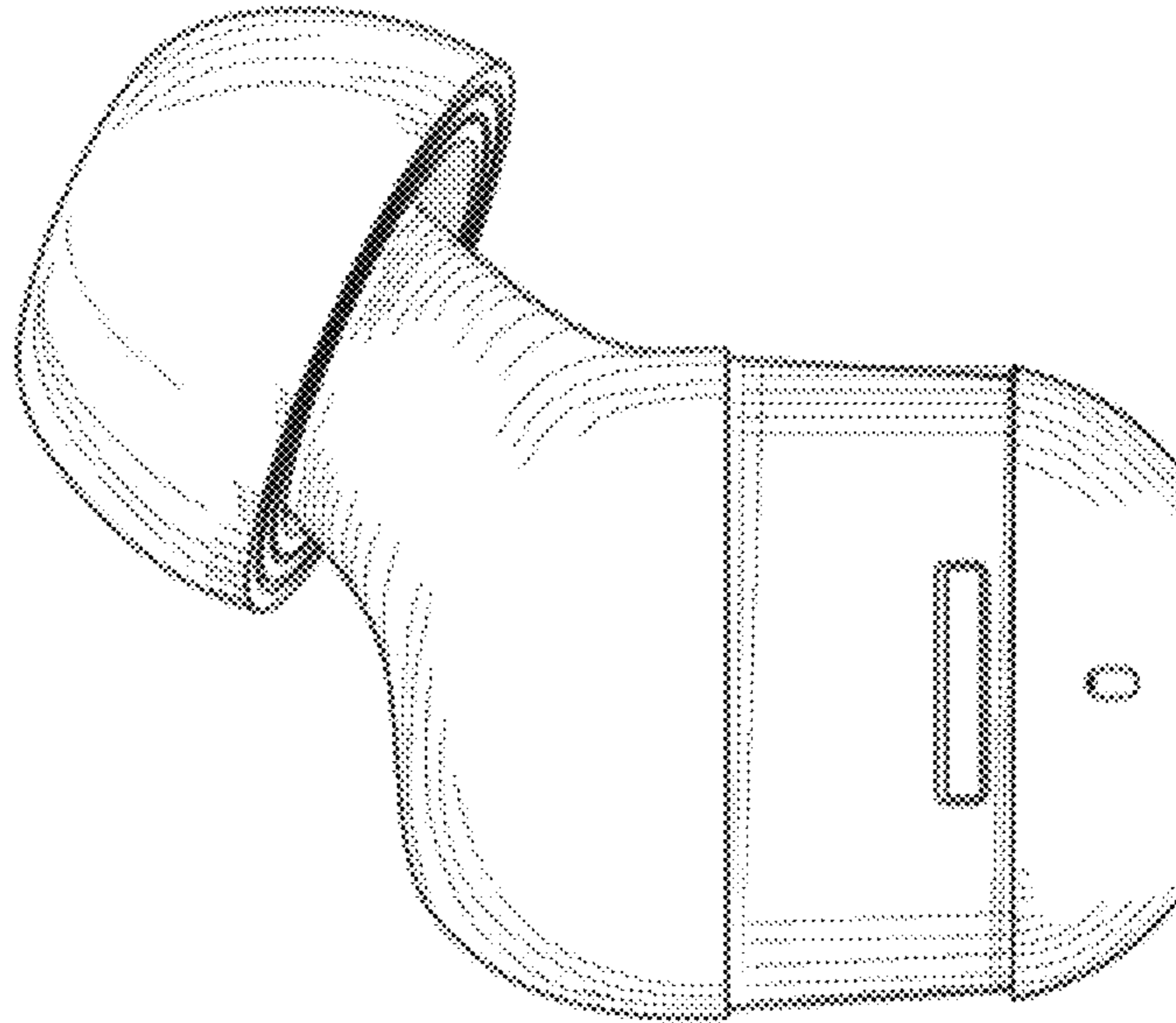


FIG. 5

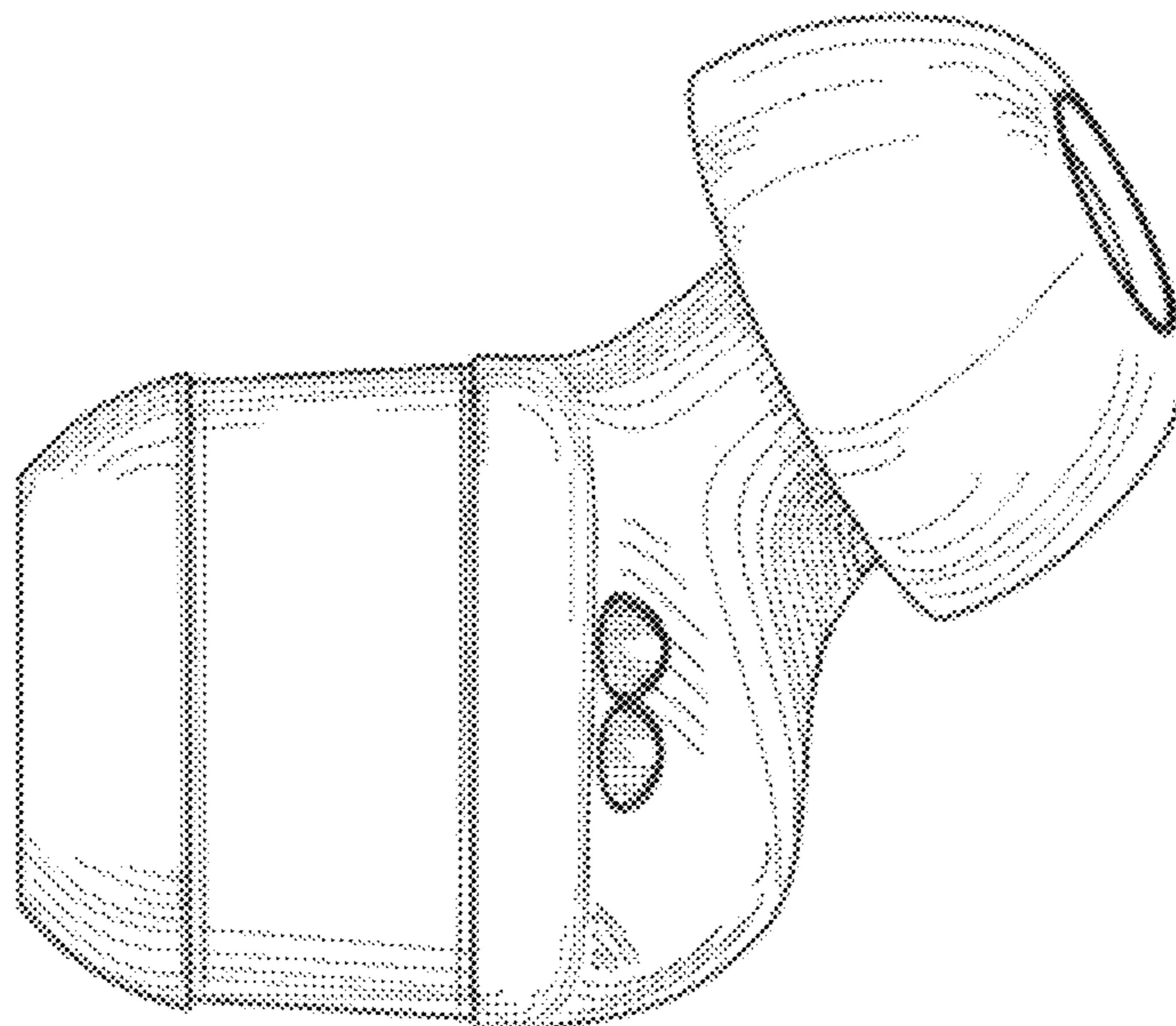


FIG. 6

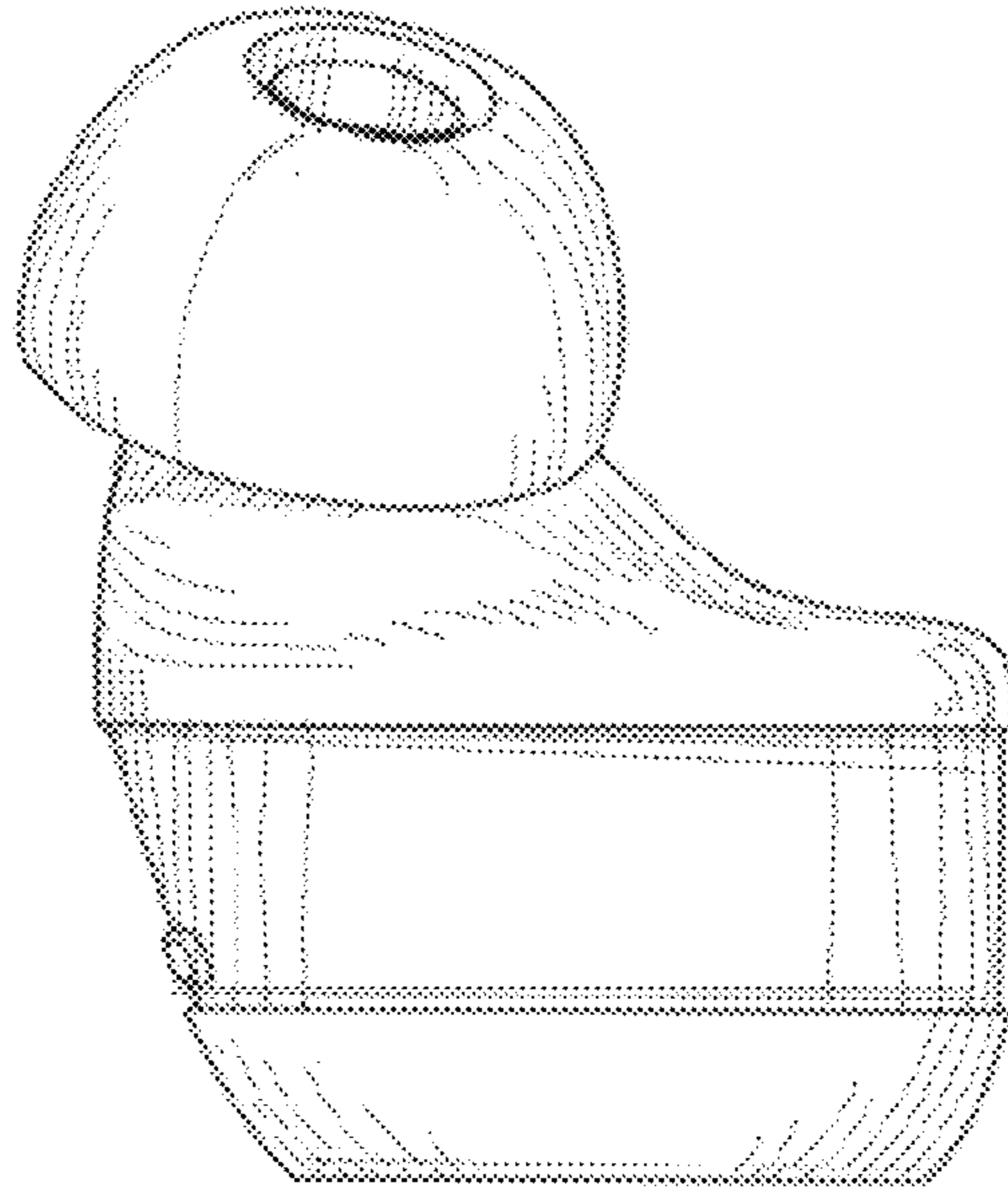


FIG. 7

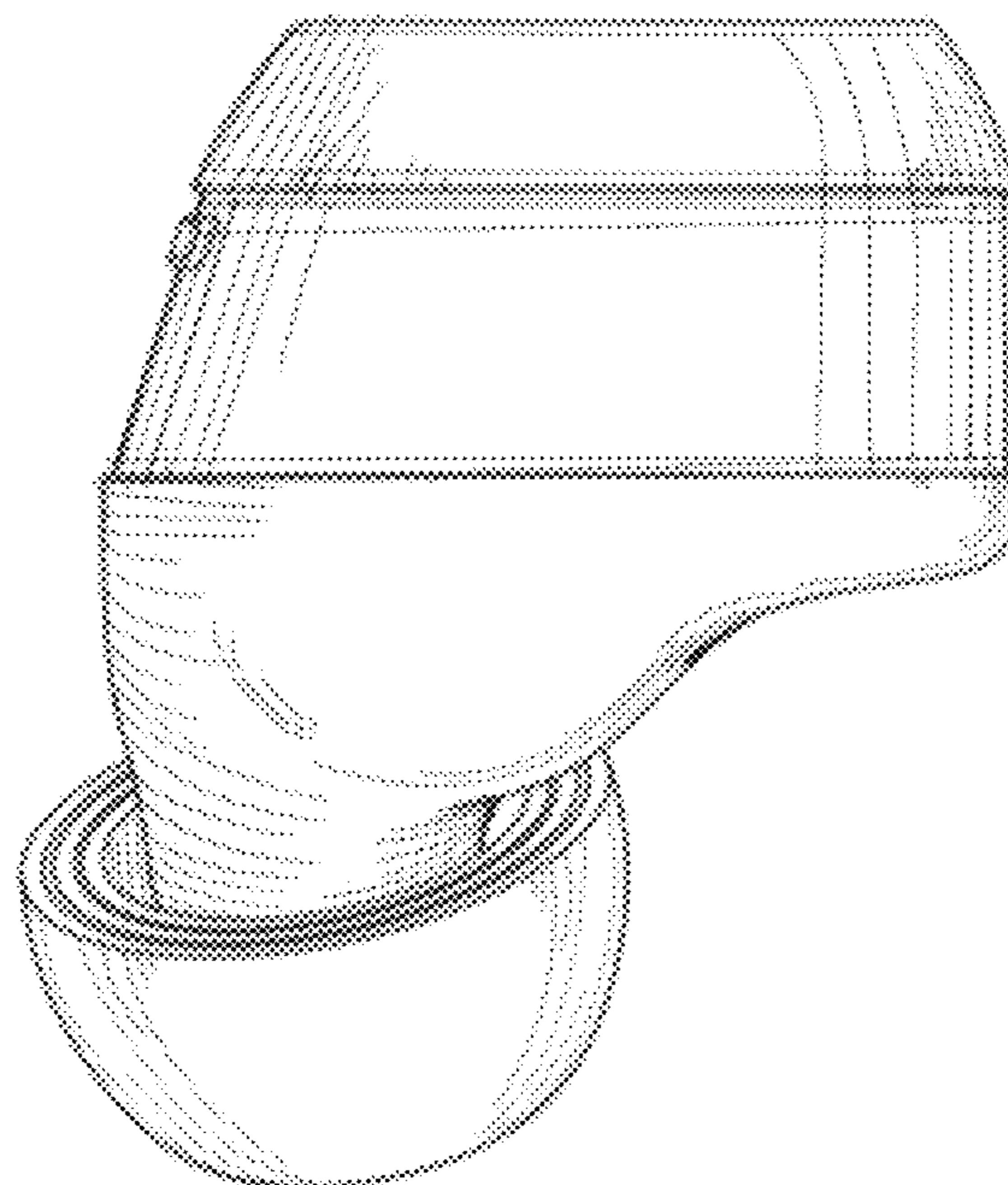


FIG. 8

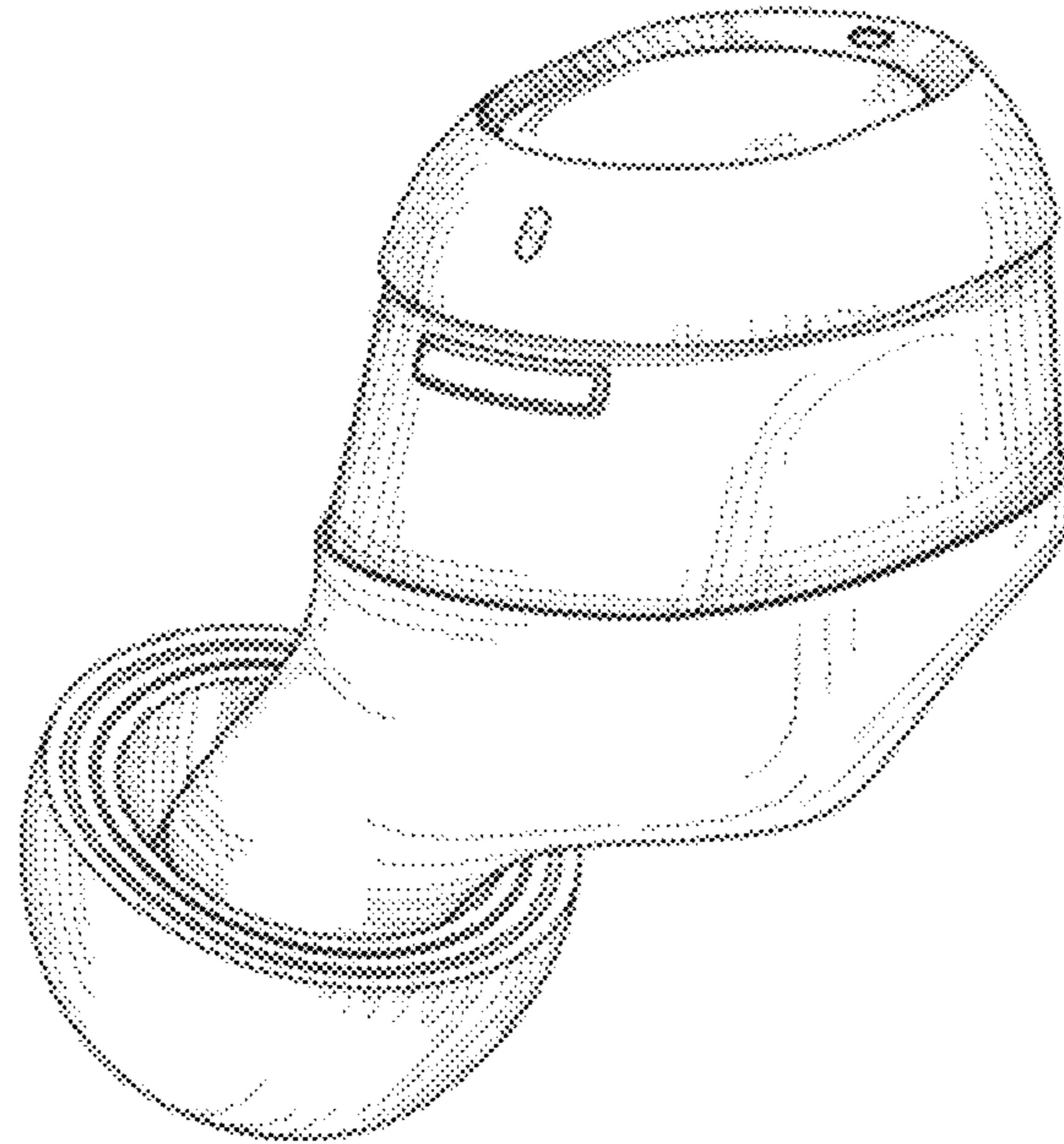


FIG. 9

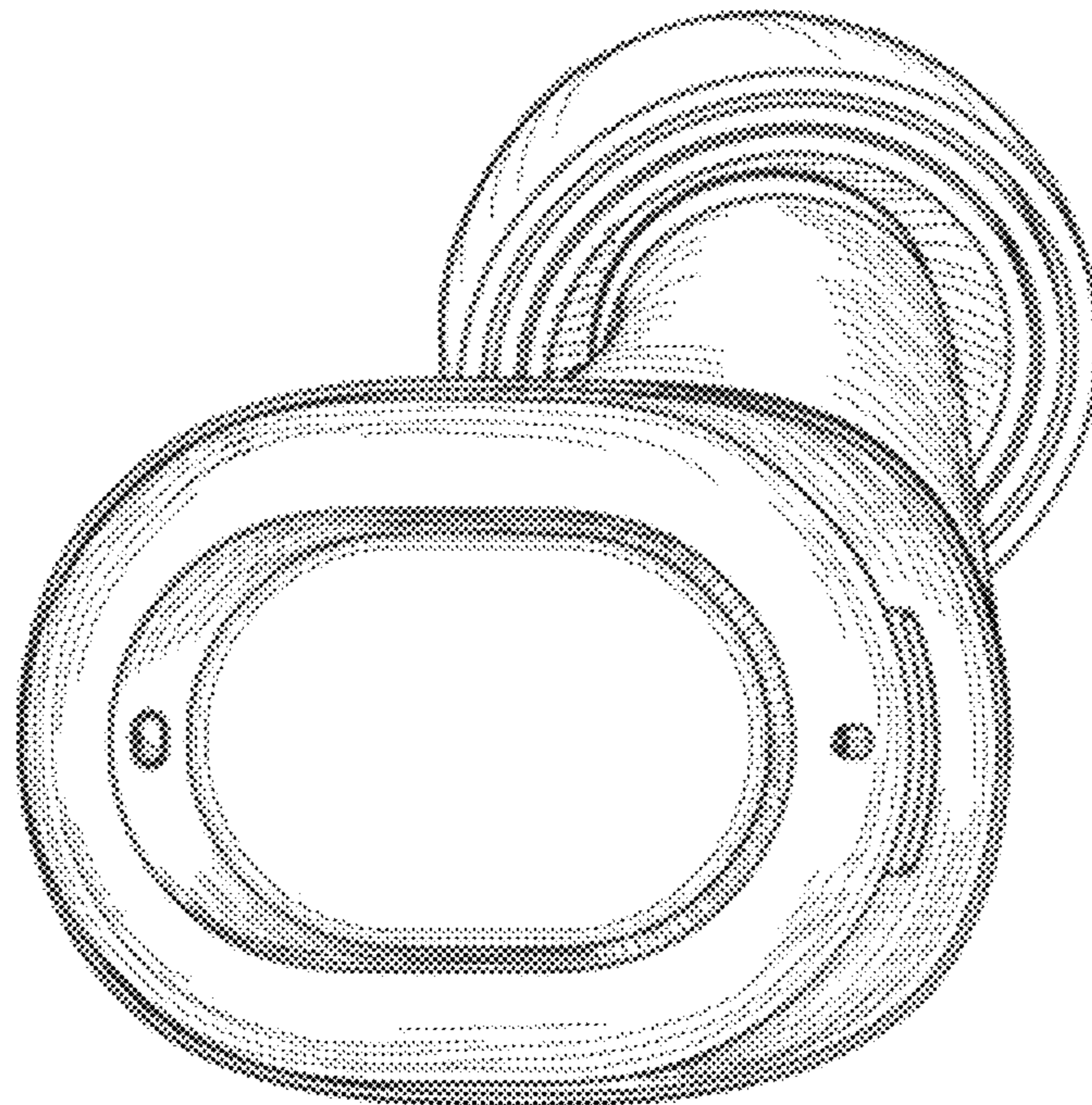


FIG. 10

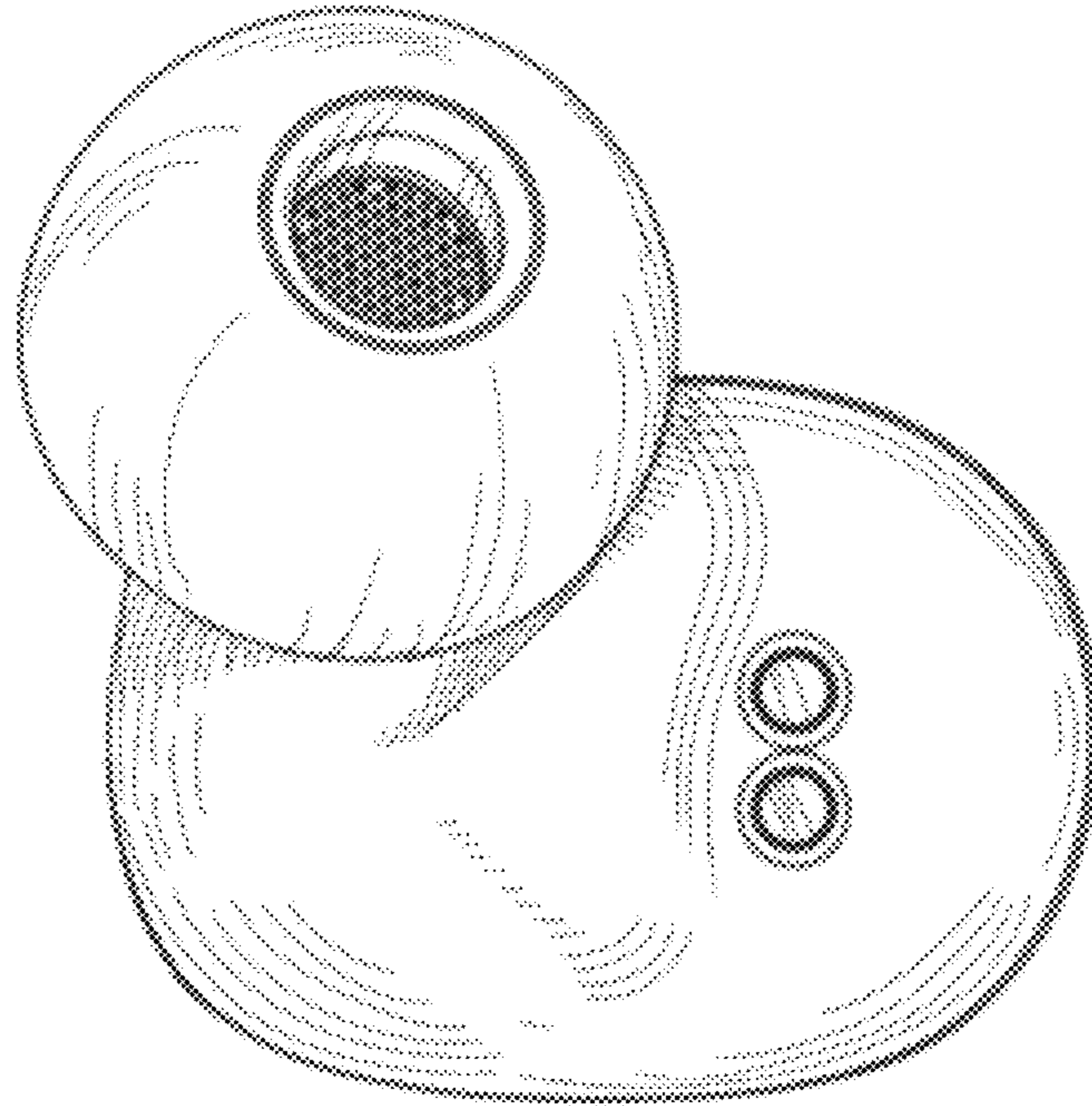


FIG. 11

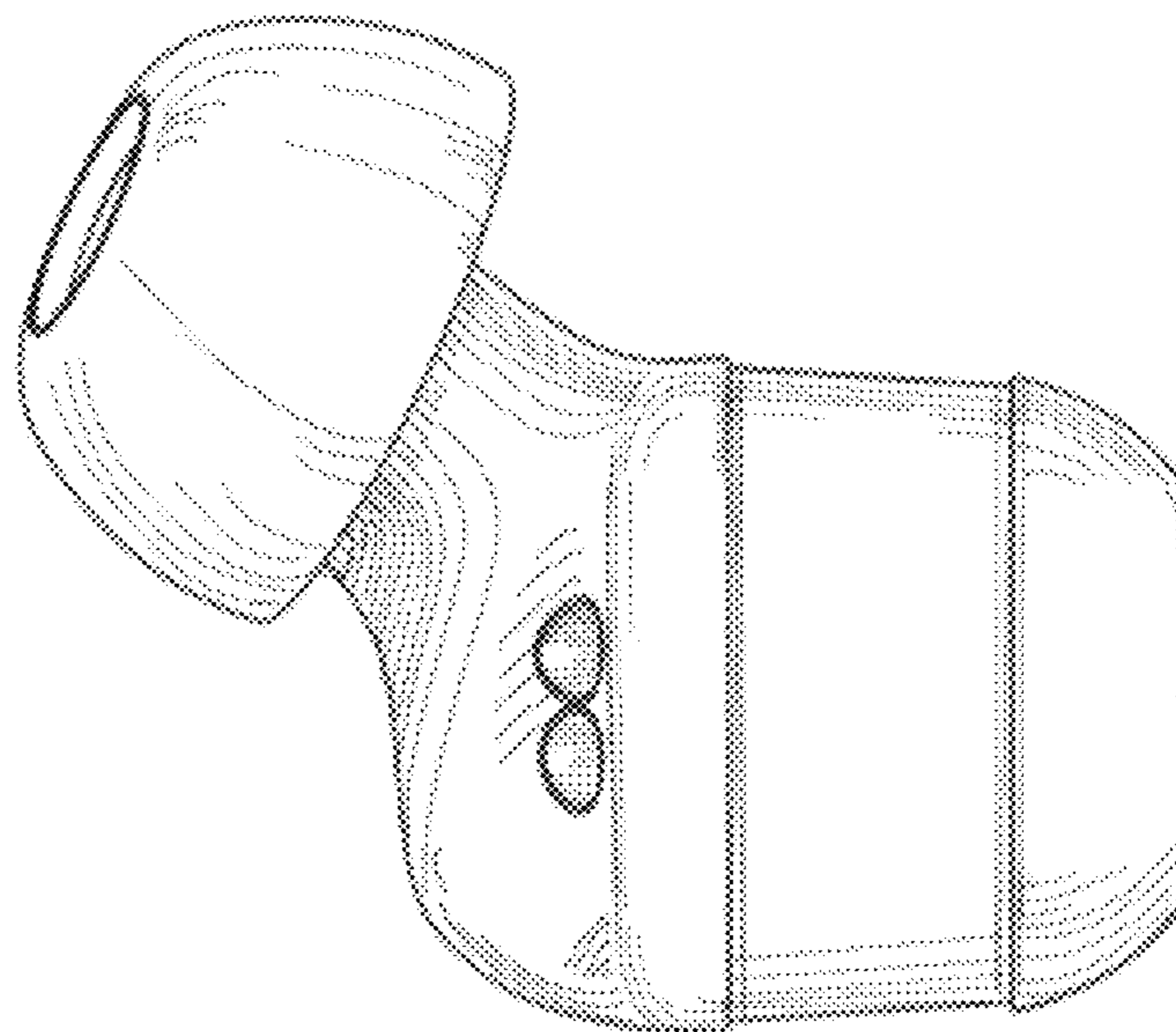




FIG. 12

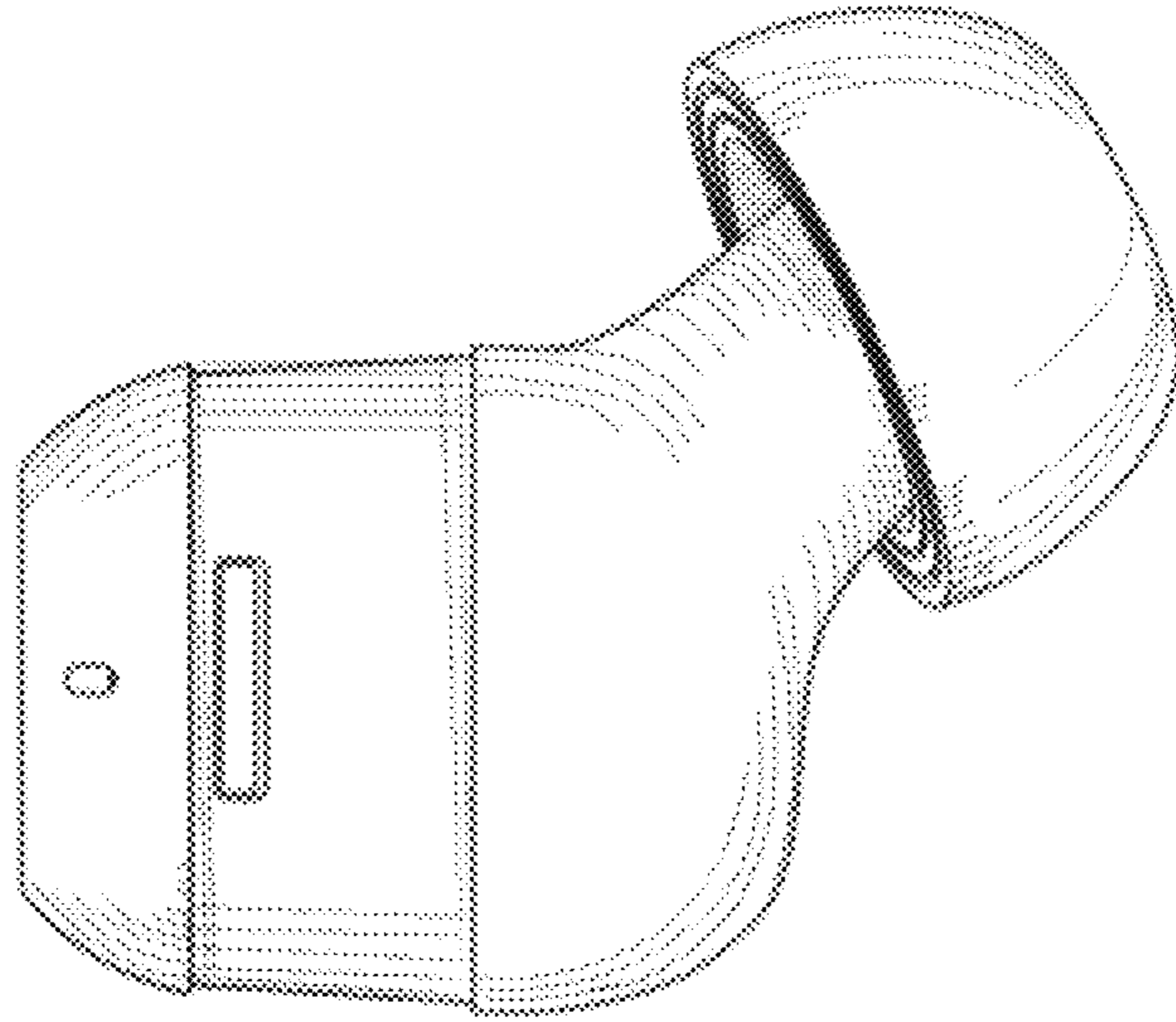


FIG. 13

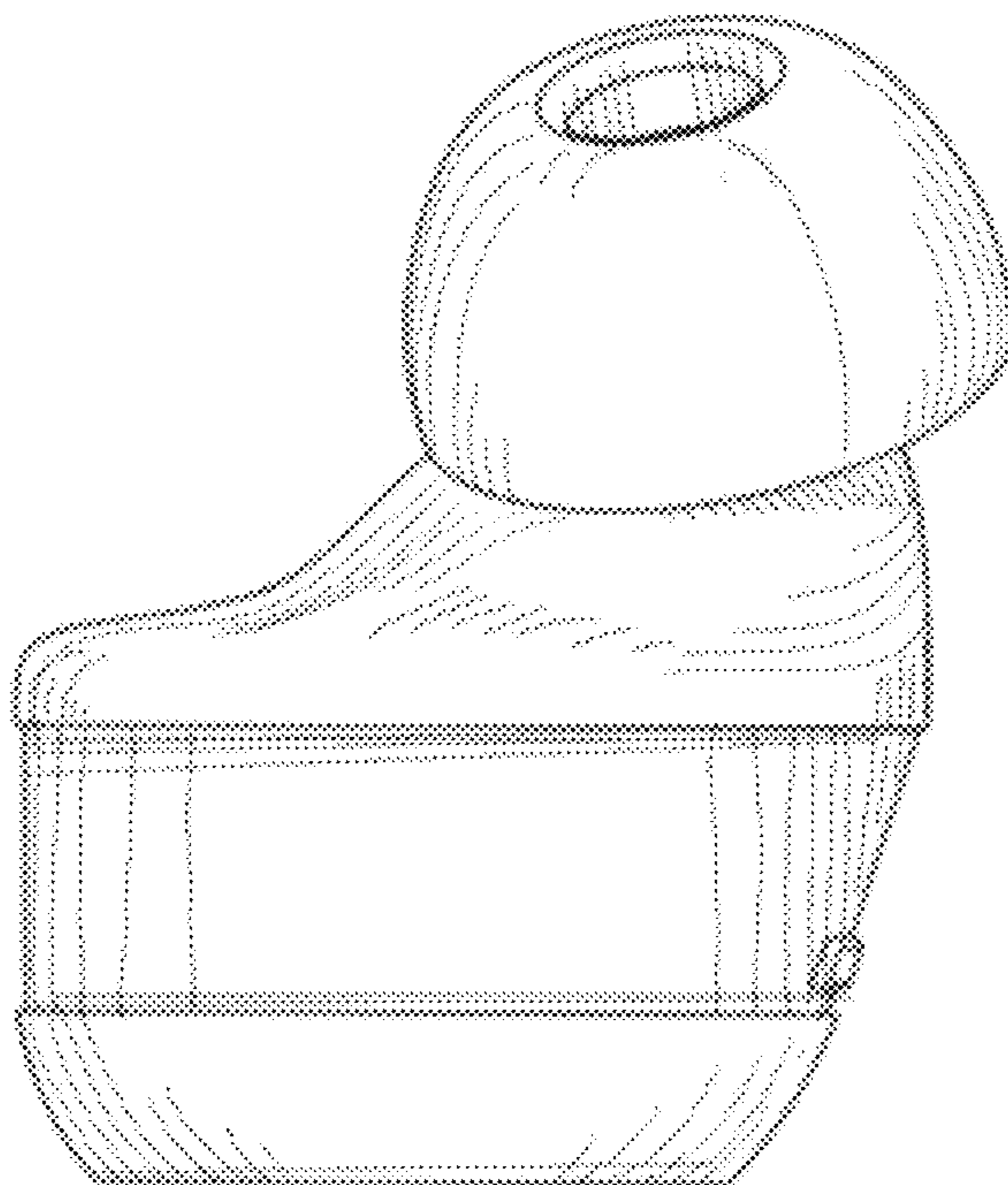


FIG. 14

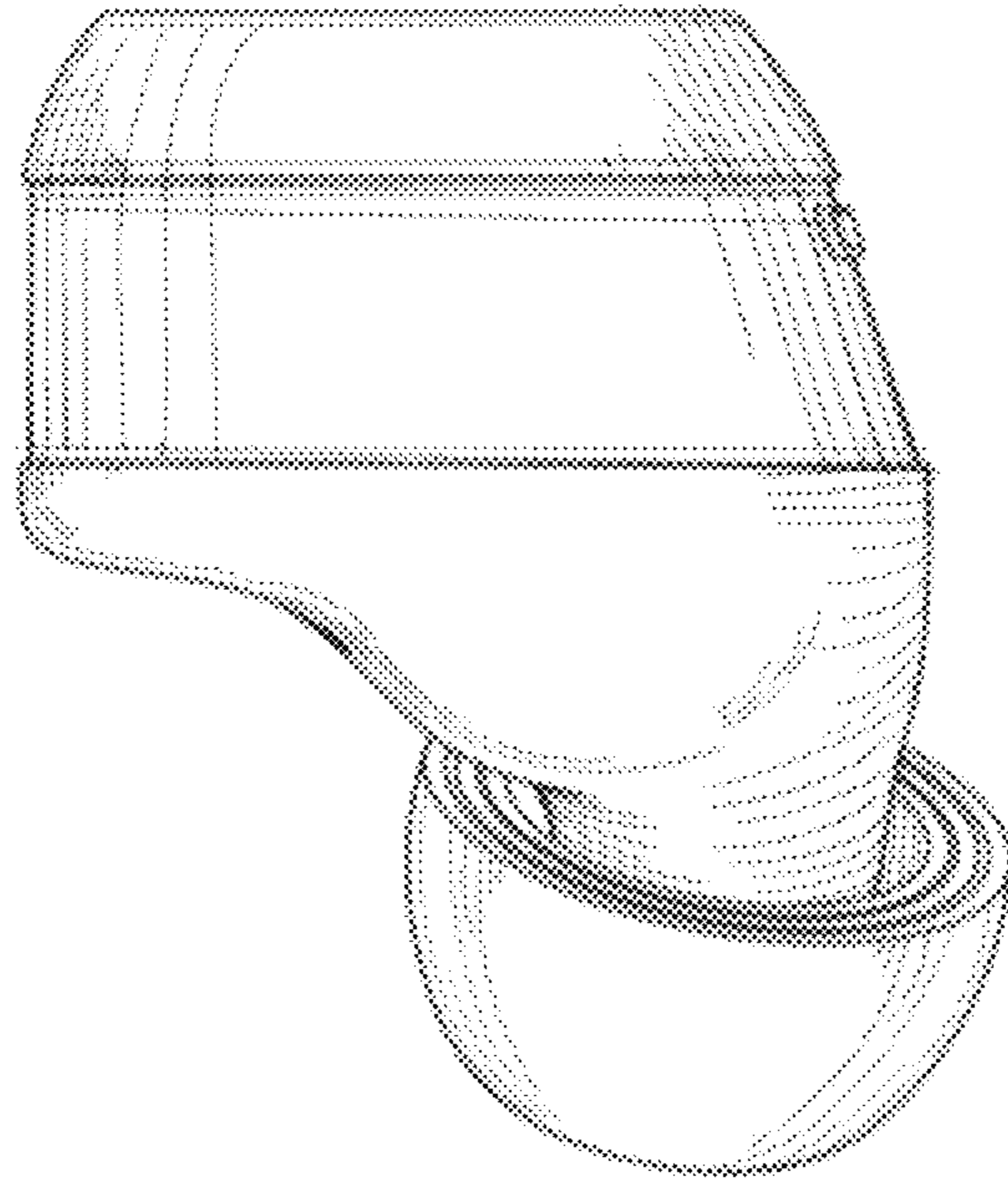


FIG. 15

