

US00D940107S

(12) **United States Design Patent** (10) **Patent No.:** **US D940,107 S**
He (45) **Date of Patent:** **** Jan. 4, 2022**

(54) **HEADPHONE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Harman International Industries, Incorporated**, Northridge, CA (US)

CN 306297372 * 1/2021
CN 306502962 * 4/2021
CN 306521369 * 5/2021

(72) Inventor: **Yanyao He**, Shenzhen (CN)

OTHER PUBLICATIONS

(73) Assignee: **Harman International Industries, Incorporated**, Northridge, CA (US)

Design U.S. Appl. No. 29/661,340, filed Aug. 27, 2018.

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

(Continued)

(21) Appl. No.: **29/717,872**

Primary Examiner — Paula Allen Greene

(22) Filed: **Dec. 19, 2019**

(74) *Attorney, Agent, or Firm* — Plumsea Law Group, LLC

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

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

(57) **CLAIM**

The ornamental design for a headphone, as shown and described.

(58) **Field of Classification Search**
USPC D14/223, 205; D24/174; 128/864, 865, 128/866; D13/108; 381/380, 381; 455/90.3, 575.1, 569.1
CPC H04R 1/10; H04R 25/00; H04R 25/02; H04R 1/1066; H04R 1/1016; H04R 5/033; H04R 5/0335; H04R 1/1091; H02J 7/0044; H02J 7/0045

DESCRIPTION

See application file for complete search history.

FIG. 1 is a perspective view of a headphone showing the new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a side elevational view thereof;
FIG. 5 is an opposite side elevational view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof;
FIG. 8 is a perspective view of another embodiment of the headphone, illustrating a mirror image of the headphone of FIGS. 1-7;
FIG. 9 is a front elevational view thereof;
FIG. 10 is a rear elevational view thereof;
FIG. 11 is a side elevational view thereof;
FIG. 12 is an opposite side elevational view thereof;
FIG. 13 is a top view thereof; and,
FIG. 14 is a bottom view thereof.
The broken lines illustrate portions of the headphone that form no part of the claimed design.

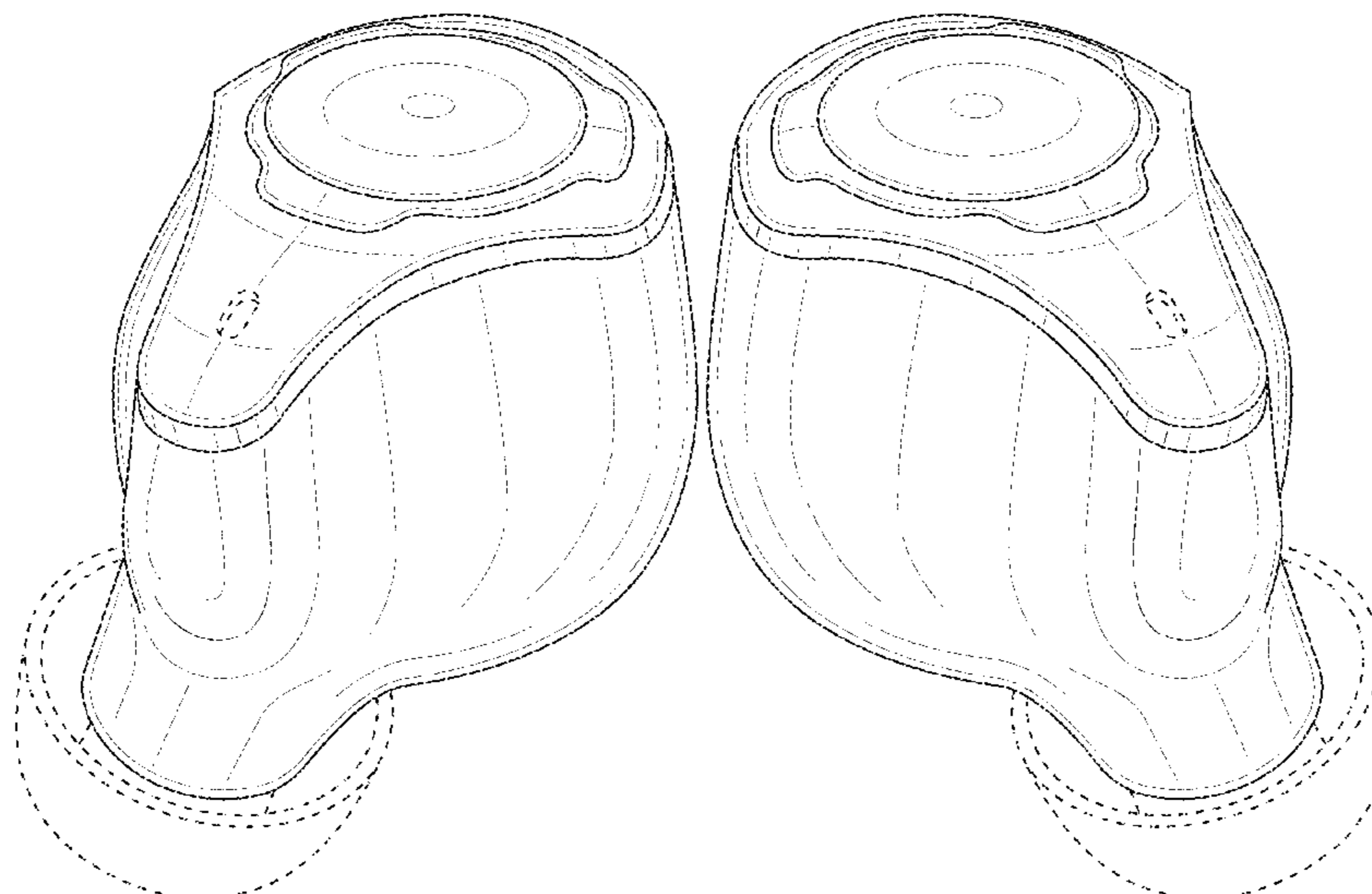
(56) **References Cited**

U.S. PATENT DOCUMENTS

3,567,058 A * 3/1971 Mascia B65D 50/061 215/213
D309,331 S * 7/1990 Leung D21/324
6,069,614 A * 5/2000 Singhal G06F 3/0338
6,122,388 A * 9/2000 Feldman H04R 25/652 381/322
D485,549 S * 1/2004 Ma D14/223
6,688,421 B2 * 2/2004 Dyer H04R 1/1016 181/130
D497,613 S * 10/2004 Gwee D14/205
D524,795 S * 7/2006 Cohen D14/206
D532,520 S * 11/2006 Kampmeier D24/174
D577,009 S * 9/2008 Wilson D14/225

(Continued)

1 Claim, 14 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D618,218 S 6/2010 Burgett et al.
 D618,219 S 6/2010 Burgett et al.
 7,965,855 B1* 6/2011 Ham H04R 1/1091
 381/380
 D666,580 S * 9/2012 Lee D14/223
 D666,581 S * 9/2012 Perez D14/223
 D673,522 S * 1/2013 Iijima D14/205
 D673,532 S * 1/2013 Lee D14/223
 D683,332 S * 5/2013 Lee D14/223
 D697,058 S * 1/2014 Thompson D14/223
 D698,760 S * 2/2014 Lee D14/223
 D701,195 S * 3/2014 Katsumata D14/223
 D711,356 S * 8/2014 Yang D14/223
 D717,772 S * 11/2014 Yang D14/223
 D718,286 S * 11/2014 Yang 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
 D732,508 S * 6/2015 Funayama D14/223
 D733,101 S * 6/2015 Pi D14/223
 D733,102 S * 6/2015 Palmborg D14/223
 D733,103 S * 6/2015 Jeong D14/224
 D735,169 S * 7/2015 Shieh D14/223
 D741,289 S * 10/2015 Schaal D14/205
 D742,861 S * 11/2015 Miyake D14/223
 D764,445 S * 8/2016 Czaniecki D14/223
 D773,439 S * 12/2016 Walker D14/223
 D777,148 S * 1/2017 Samrelius D14/223
 D777,710 S * 1/2017 Palmborg D14/223
 D778,267 S * 2/2017 Hsieh 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
 D788,079 S * 5/2017 Son D14/223
 D795,225 S * 8/2017 Sumii D14/223
 D796,488 S * 9/2017 Yoshimura D14/223
 D798,843 S * 10/2017 Valenzuela D14/223
 D800,097 S * 10/2017 Chen D14/223
 D806,879 S * 1/2018 Horbinski D24/174
 D813,206 S * 3/2018 Tang D14/223
 D817,309 S * 5/2018 Czaniecki D14/223
 D833,420 S 11/2018 Lindenberger
 D841,627 S * 2/2019 Wen D14/223
 10,206,026 B2* 2/2019 Yeung H01Q 1/48
 D845,932 S * 4/2019 Lu D14/223
 D846,532 S * 4/2019 Xiao D14/223
 D847,126 S * 4/2019 Loermann D14/223

D848,981 S * 5/2019 Kim D14/223
 D852,783 S * 7/2019 Hueber D14/223
 D862,424 S * 10/2019 You D14/223
 D863,263 S * 10/2019 Yu D14/223
 D864,167 S * 10/2019 Wu D14/223
 D868,752 S * 12/2019 Zhu D14/223
 D870,708 S 12/2019 Lindenberger
 D870,711 S 12/2019 Karayiannis et al.
 D871,374 S 12/2019 Karayiannis et al.
 D872,063 S * 1/2020 Arimoto D14/223
 D873,248 S * 1/2020 Weicheng D14/223
 D880,457 S * 4/2020 Zhu D14/223
 D882,553 S * 4/2020 Wu D14/223
 D883,960 S * 5/2020 Du D14/223
 D884,681 S * 5/2020 Zhang D14/223
 D887,395 S * 6/2020 Wang D14/223
 D892,085 S * 8/2020 Kim D14/223
 D892,086 S * 8/2020 Bonahoom D14/223
 D892,769 S * 8/2020 Cai D14/223
 D895,580 S * 9/2020 Yu D14/223
 D896,205 S * 9/2020 Zhang D14/223
 D897,322 S * 9/2020 Wei D14/223
 D899,405 S * 10/2020 Vaclavik D14/223
 D900,064 S * 10/2020 Laffon de Mazieres D14/223
 D902,182 S * 11/2020 Wang D14/223
 10,827,249 B1* 11/2020 Pine H04R 1/1016
 D903,638 S * 12/2020 Li D14/223
 D905,664 S * 12/2020 He D14/223
 D906,292 S * 12/2020 Wang D14/223
 D912,016 S * 3/2021 Ando D14/223
 D915,358 S * 4/2021 Ma D14/223
 D917,425 S * 4/2021 Wang D14/223
 D918,873 S * 5/2021 Deng D14/223
 D920,288 S * 5/2021 Vautour D14/223
 D922,985 S * 6/2021 Kataoka D14/223
 2018/0131798 A1* 5/2018 Hviid H04R 1/10
 2018/0242069 A1* 8/2018 Hviid H04R 1/1041
 2020/0177981 A1* 6/2020 Ma H04R 1/345
 2020/0374632 A1* 11/2020 Wang H04M 1/6066

OTHER PUBLICATIONS

Design U.S. Appl. No. 29/661,456, filed Aug. 28, 2018.
 Design U.S. Appl. No. 29/675,151, filed Dec. 28, 2018.
 Design U.S. Appl. No. 29/675,537, filed Jan. 3, 2019.
 Design U.S. Appl. No. 29/695,334, filed Jun. 18, 2019.
 Design U.S. Appl. No. 29/719,091, filed Dec. 31, 2019.
 Design U.S. Appl. No. 29/719,185, filed Jan. 1, 2020.
 Design U.S. Appl. No. 29/719,410, filed Jan. 3, 2020.

* cited by examiner

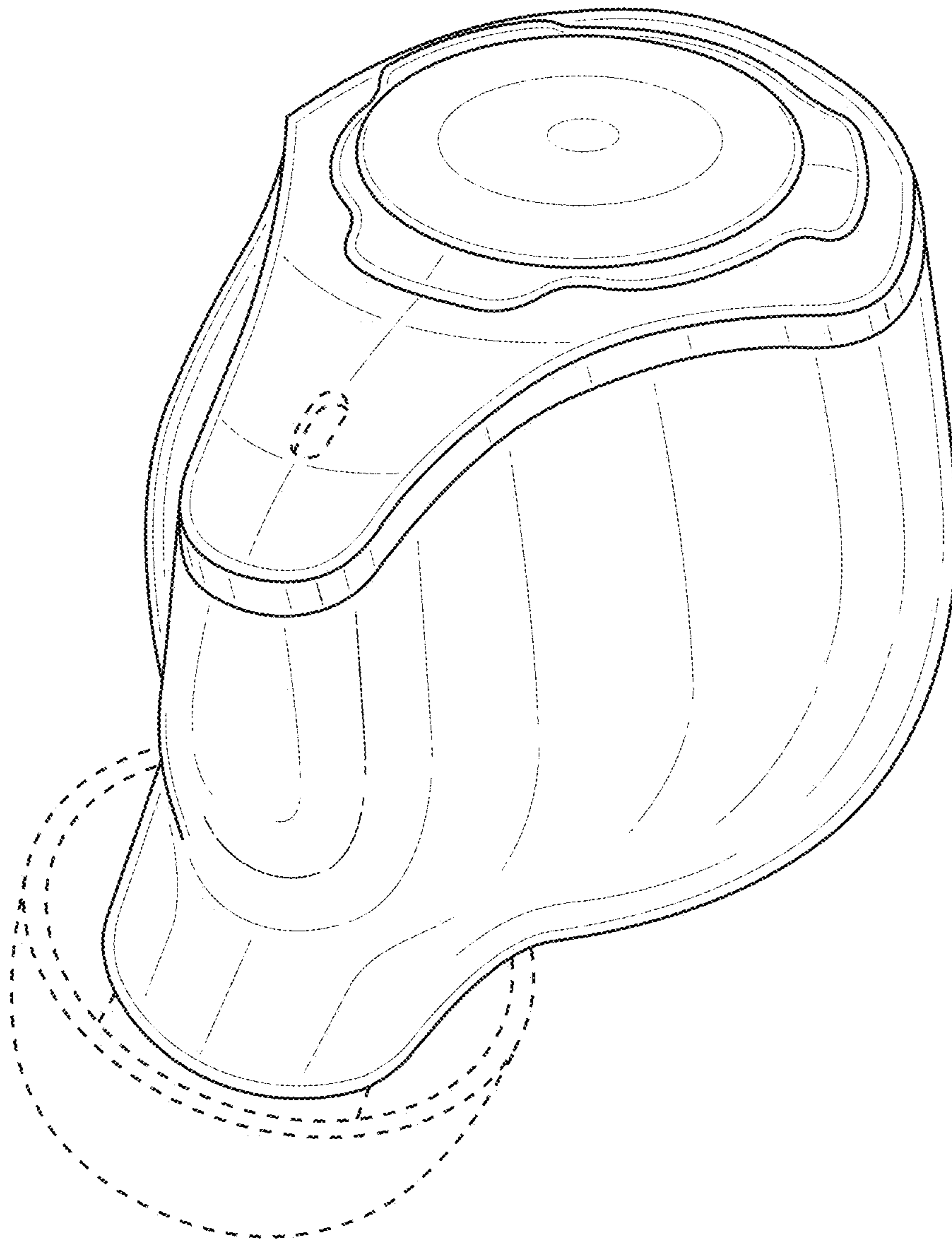


FIG. 1

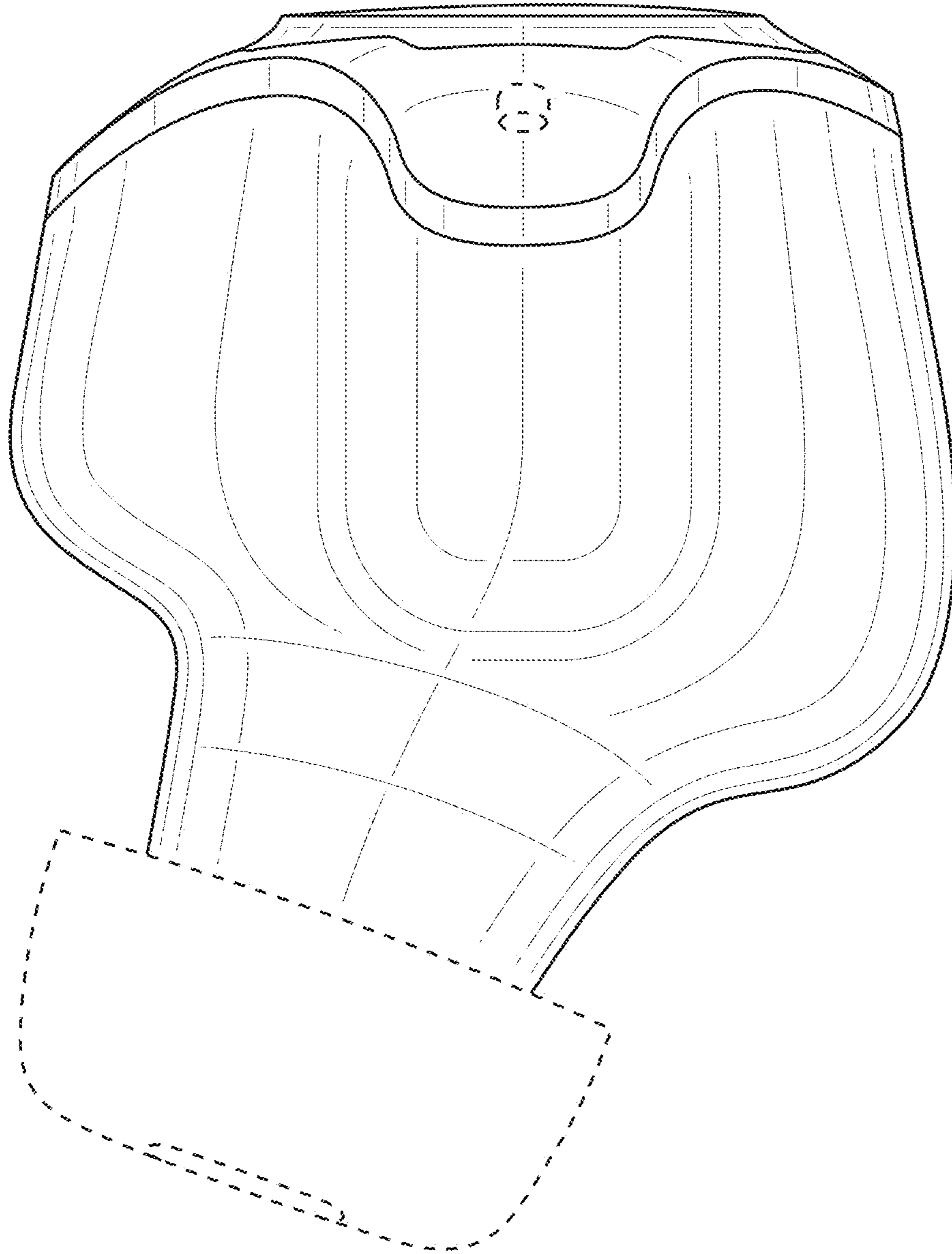


FIG. 2

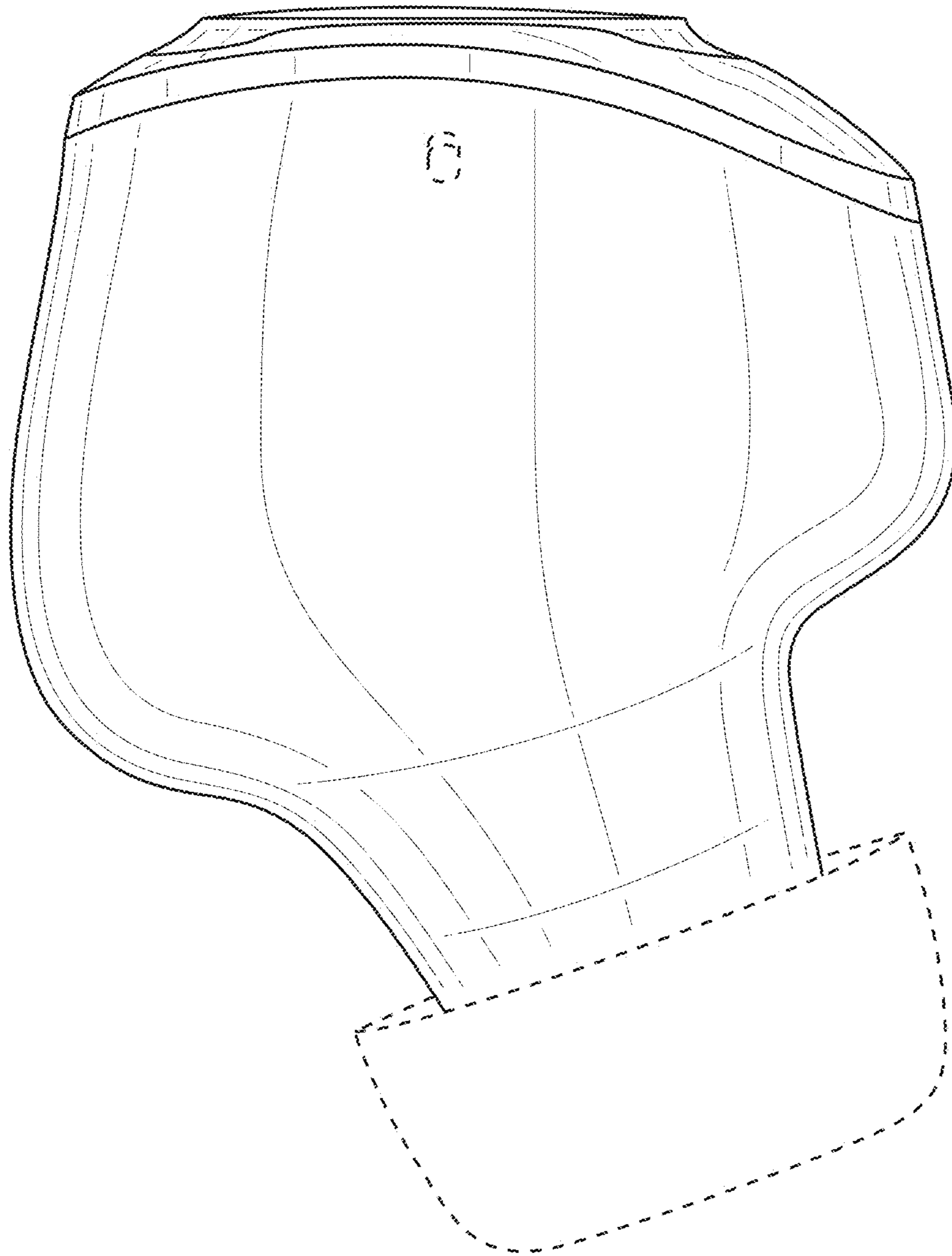


FIG. 3

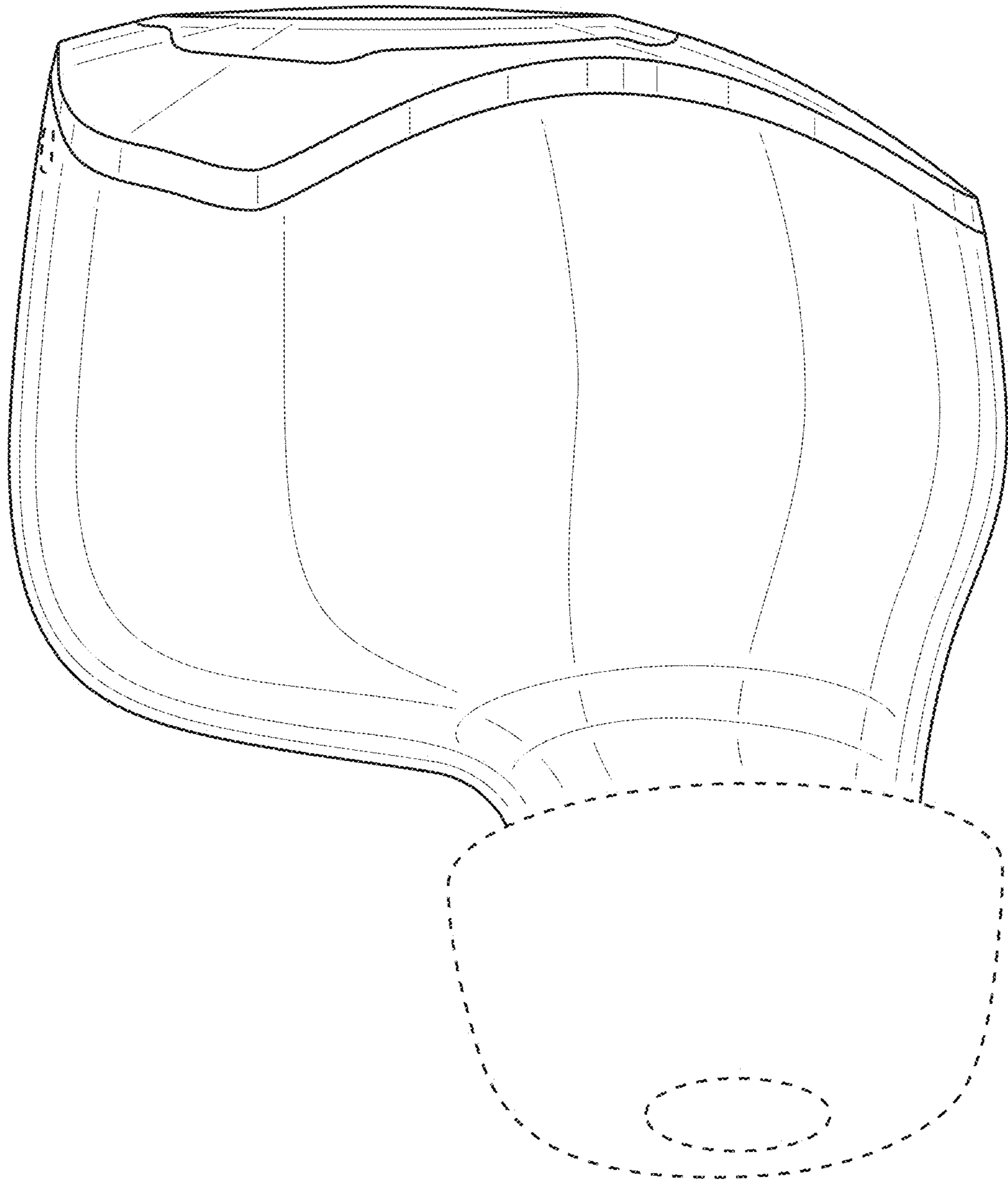


FIG. 4

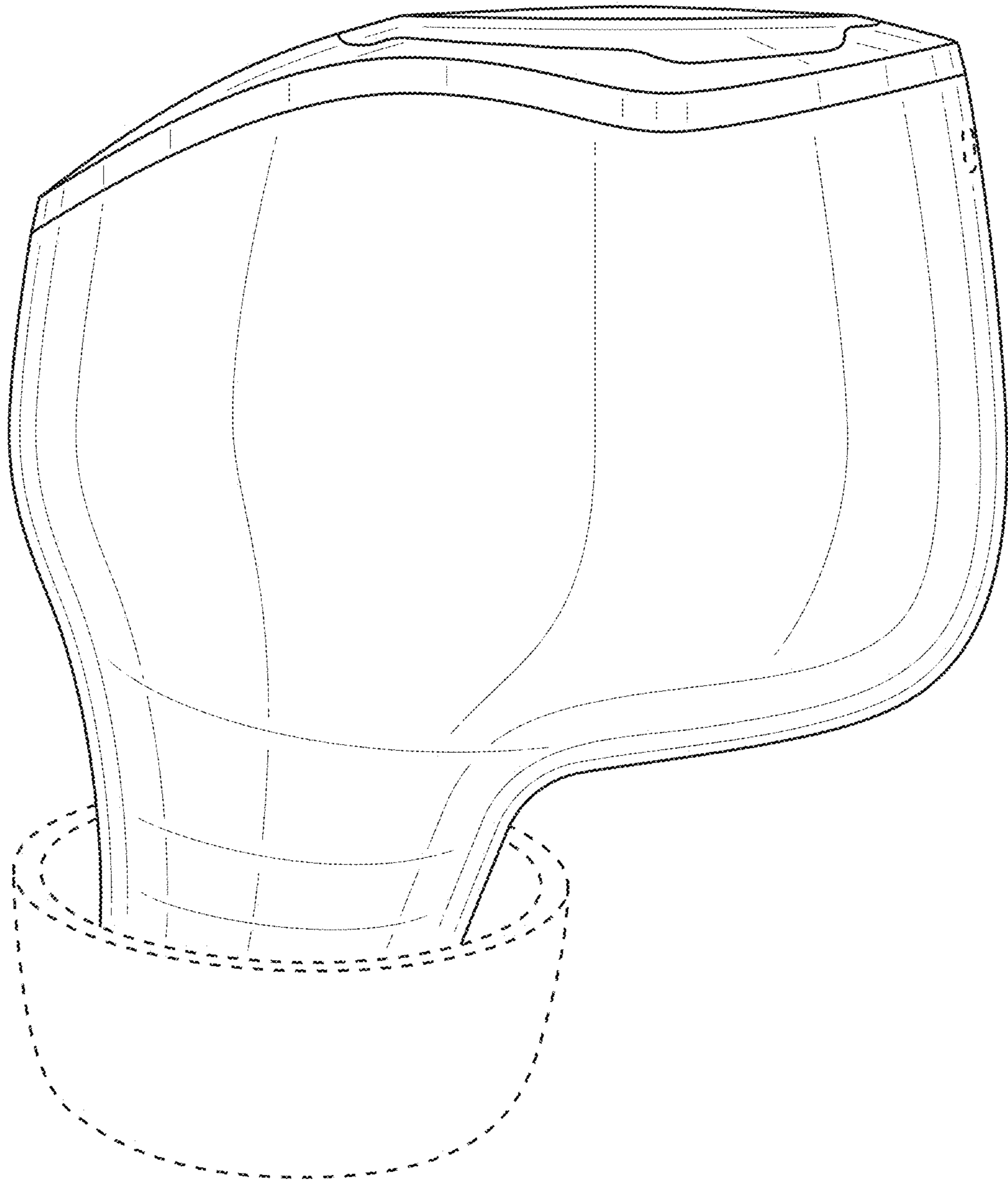


FIG. 5

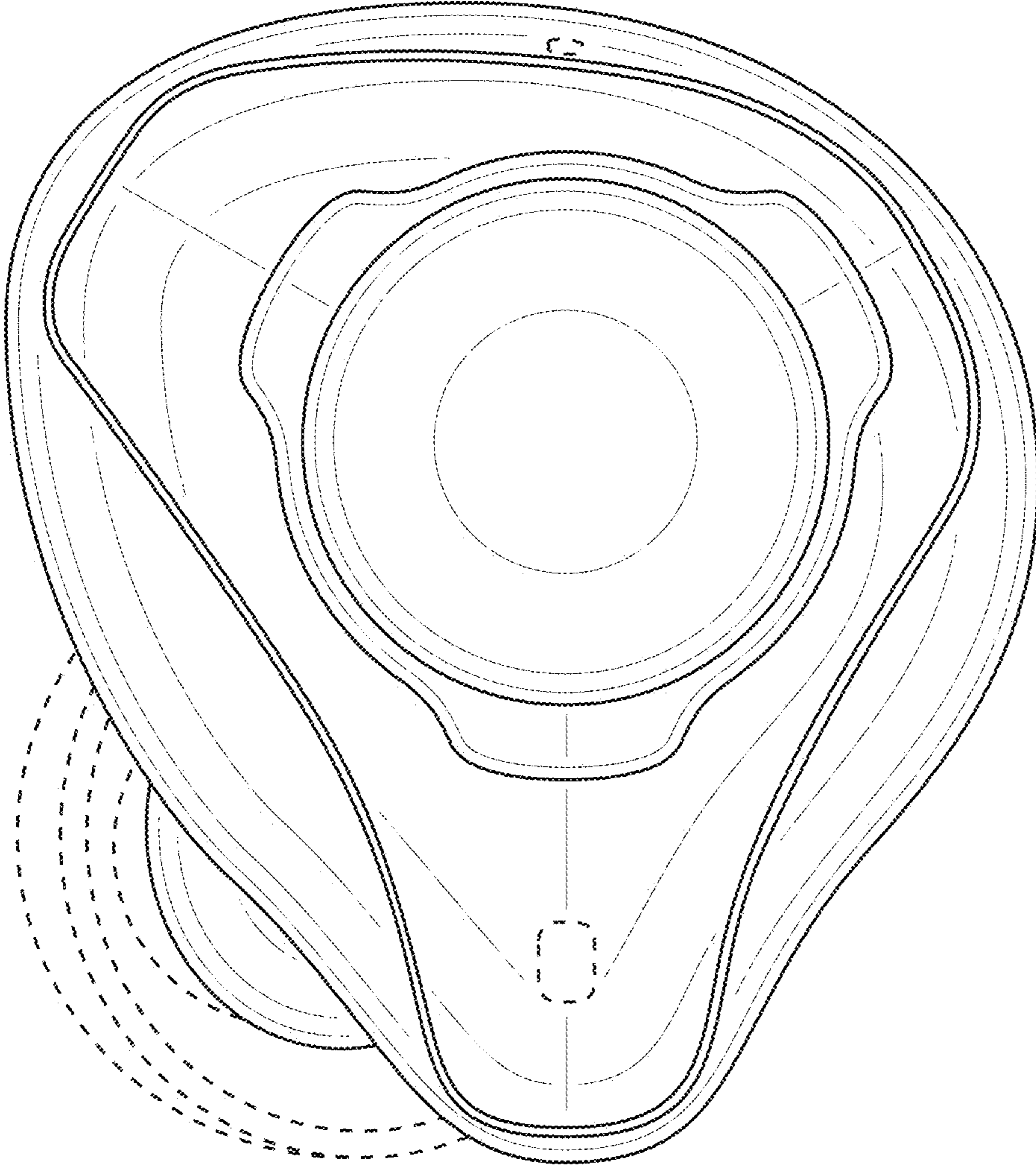


FIG. 6

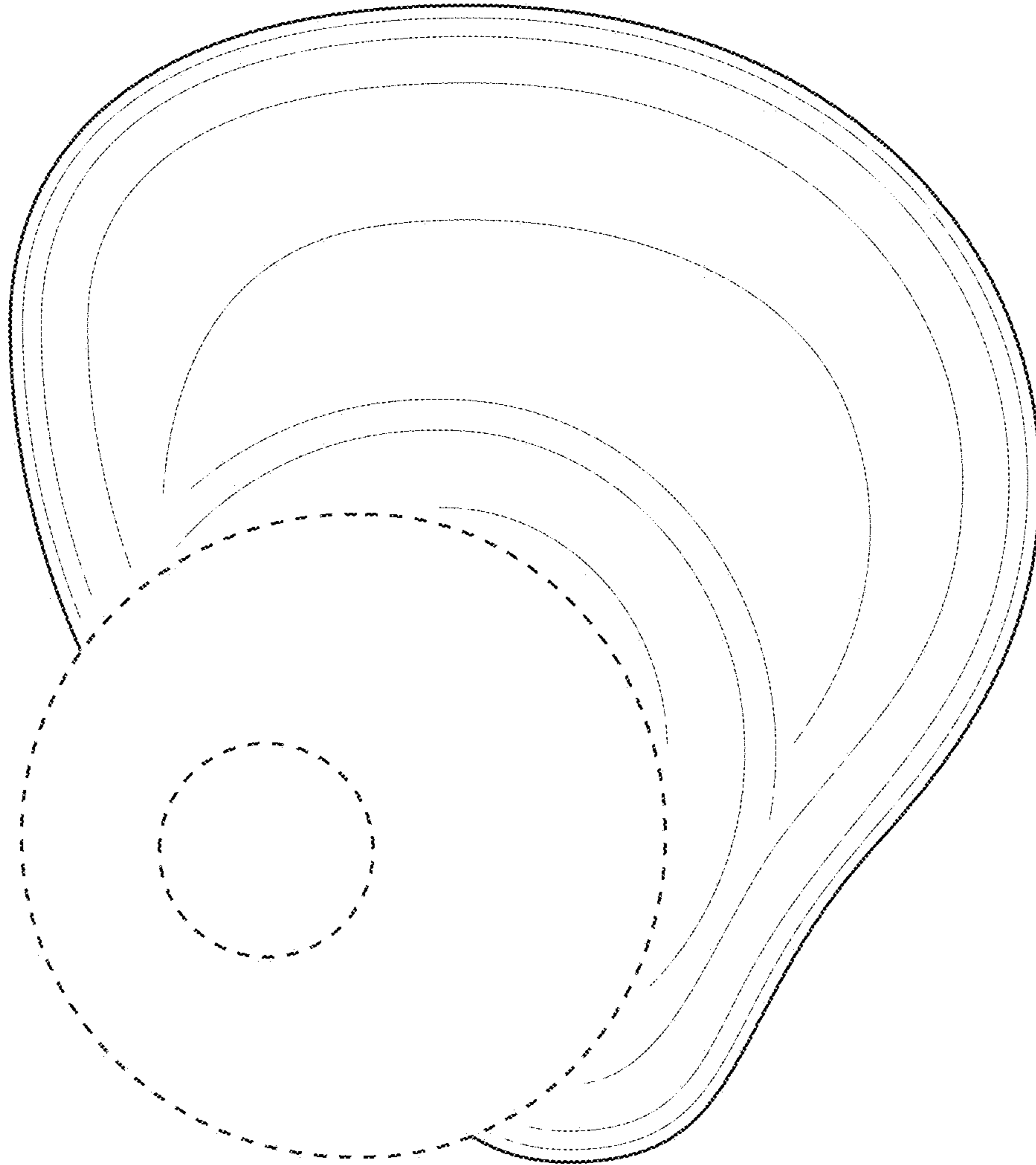


FIG. 7

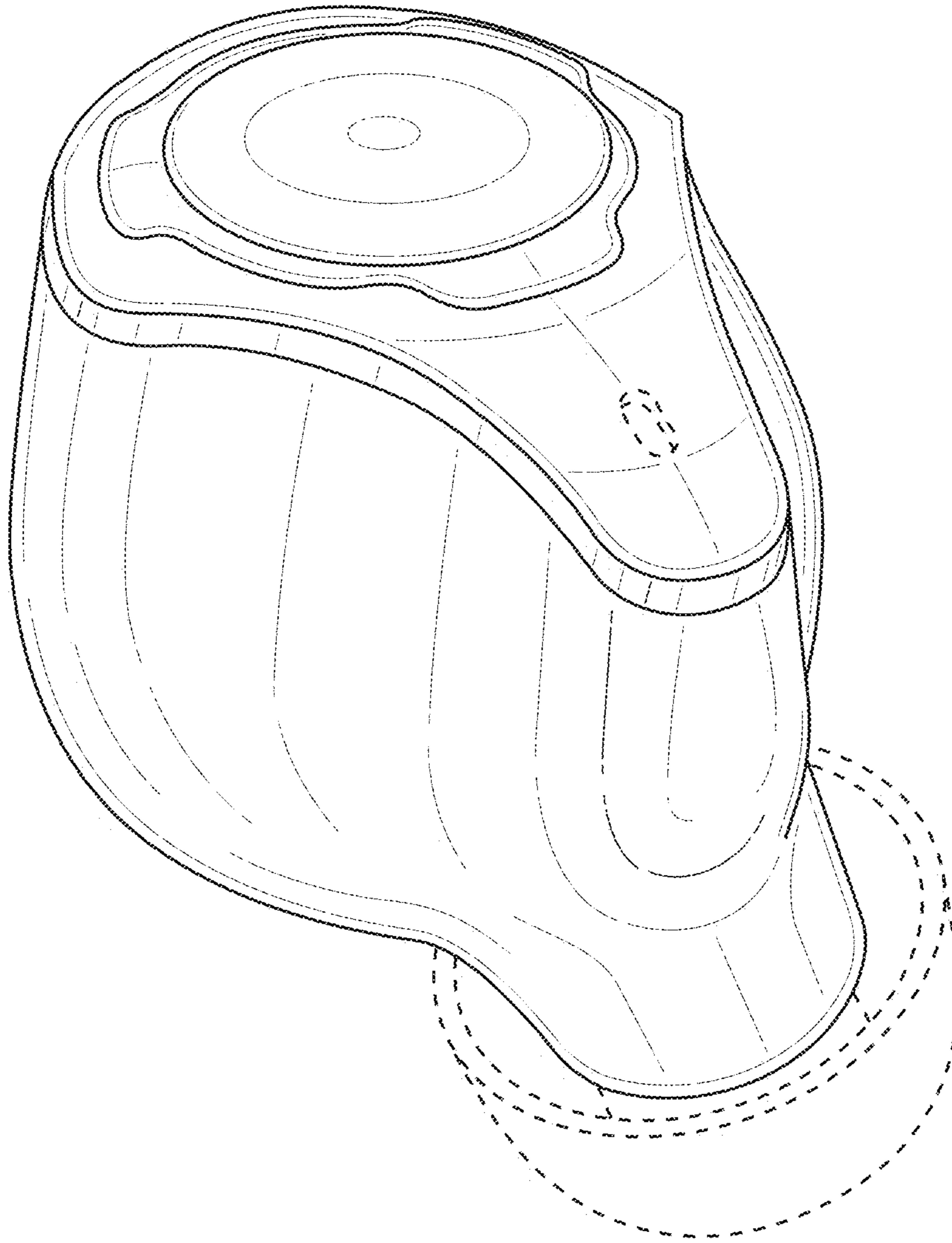


FIG. 8

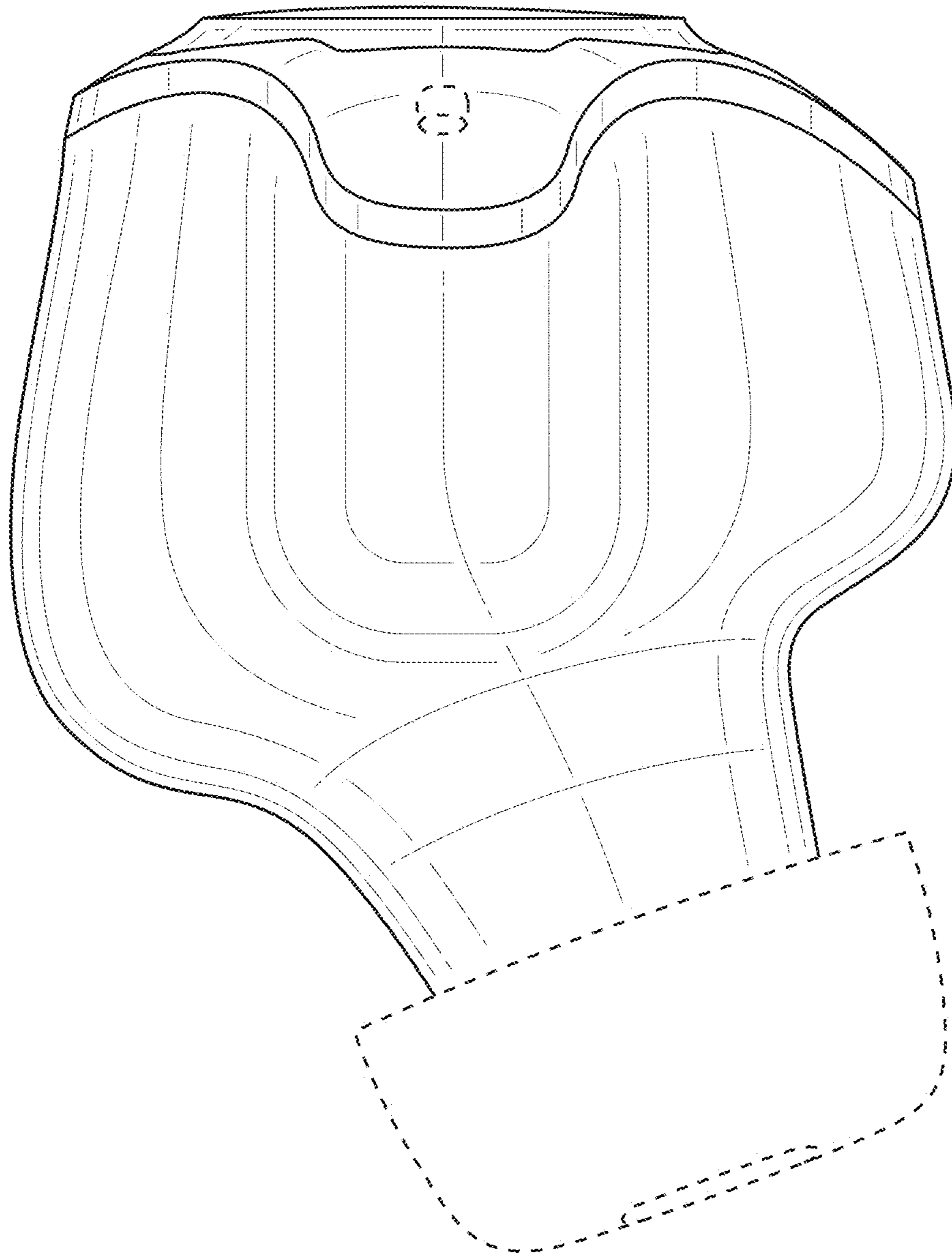


FIG. 9

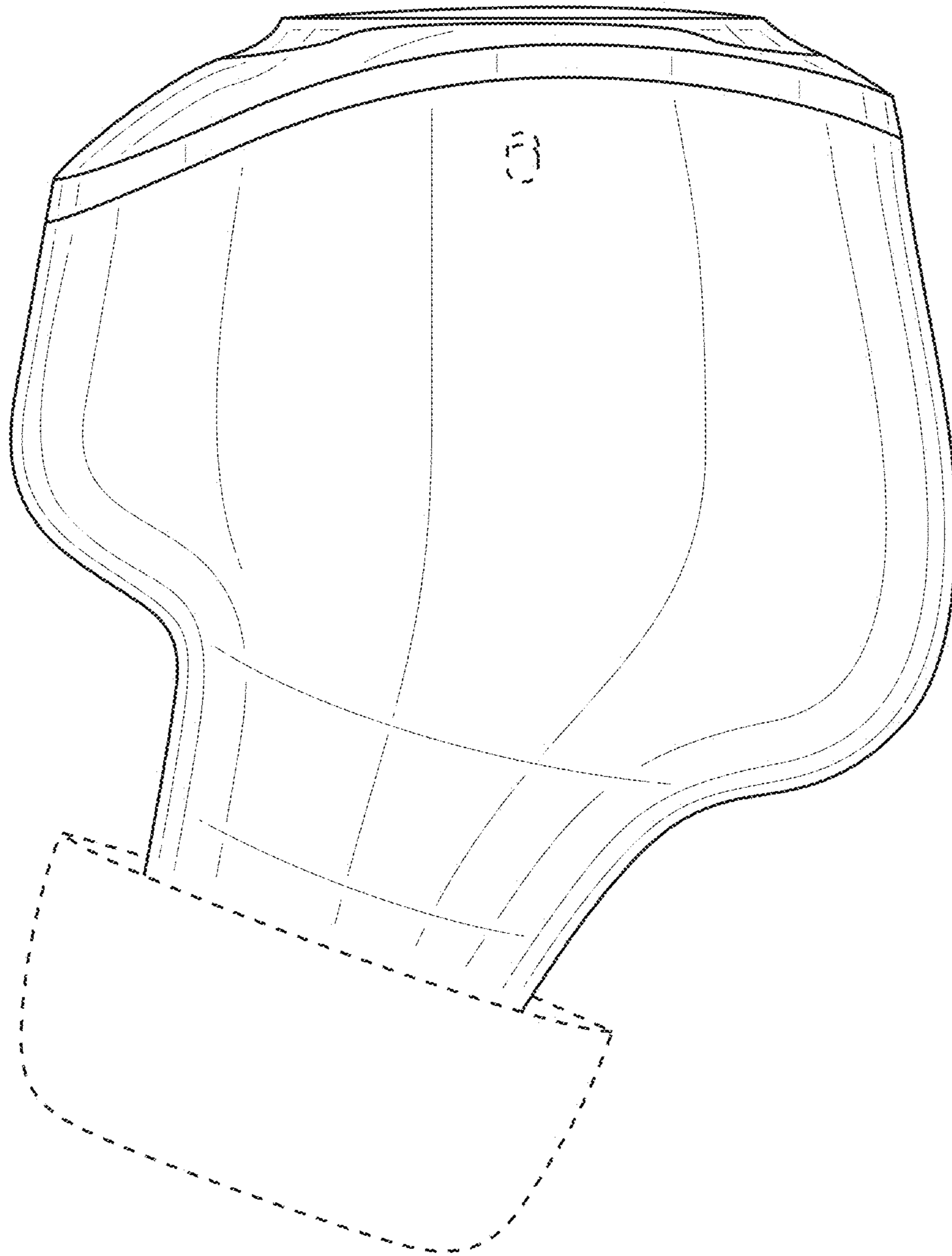


FIG. 10

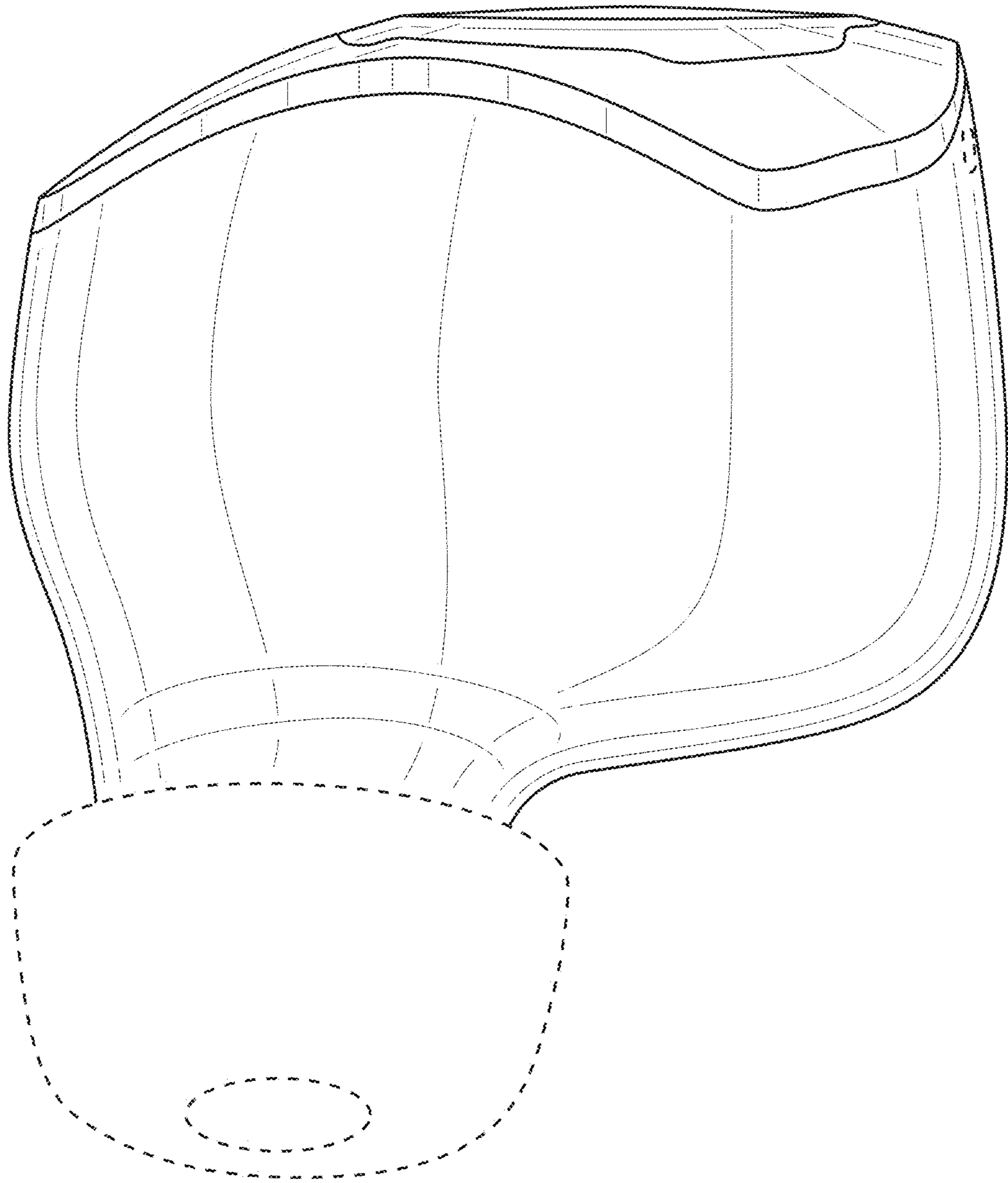


FIG. 11

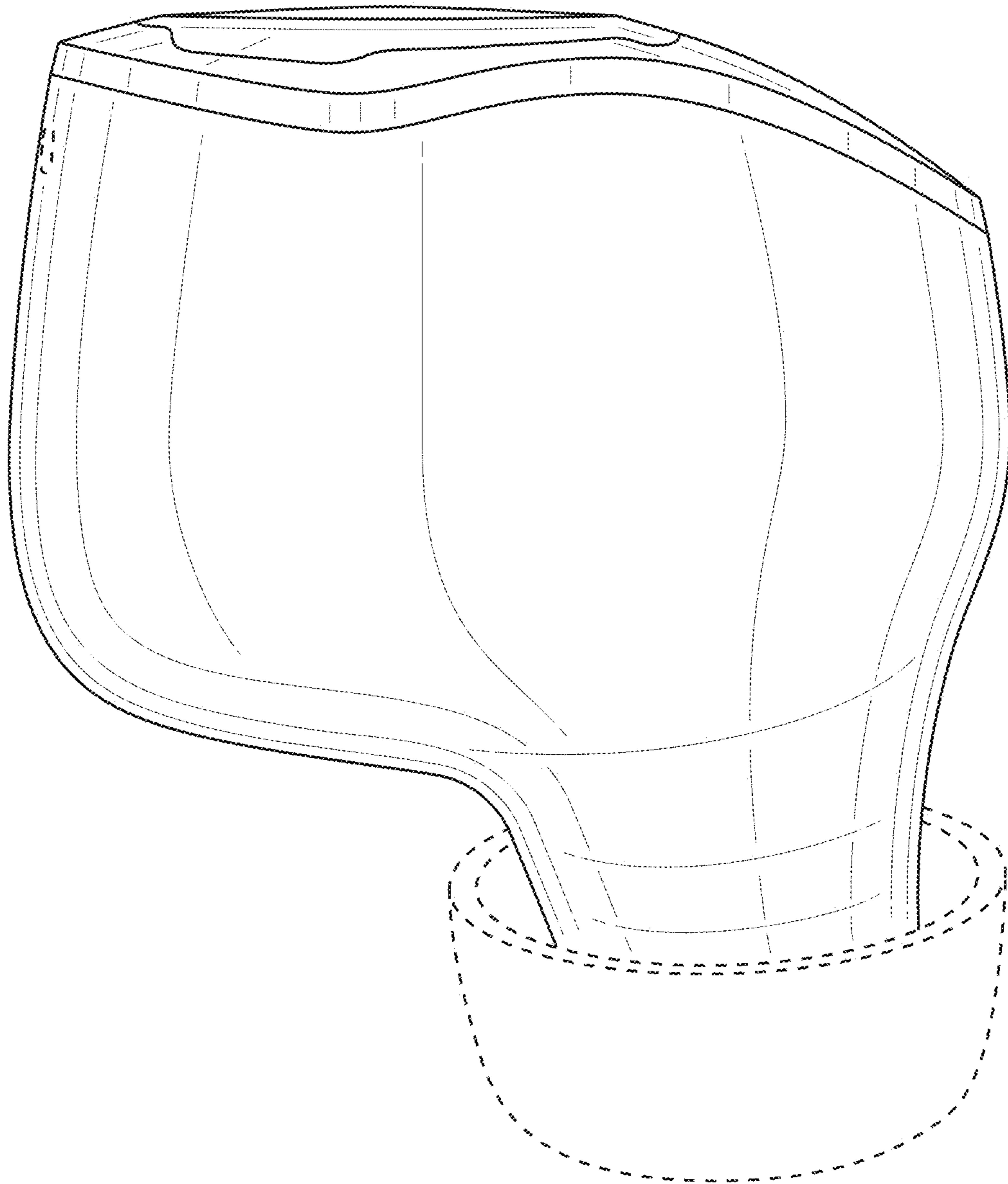


FIG. 12

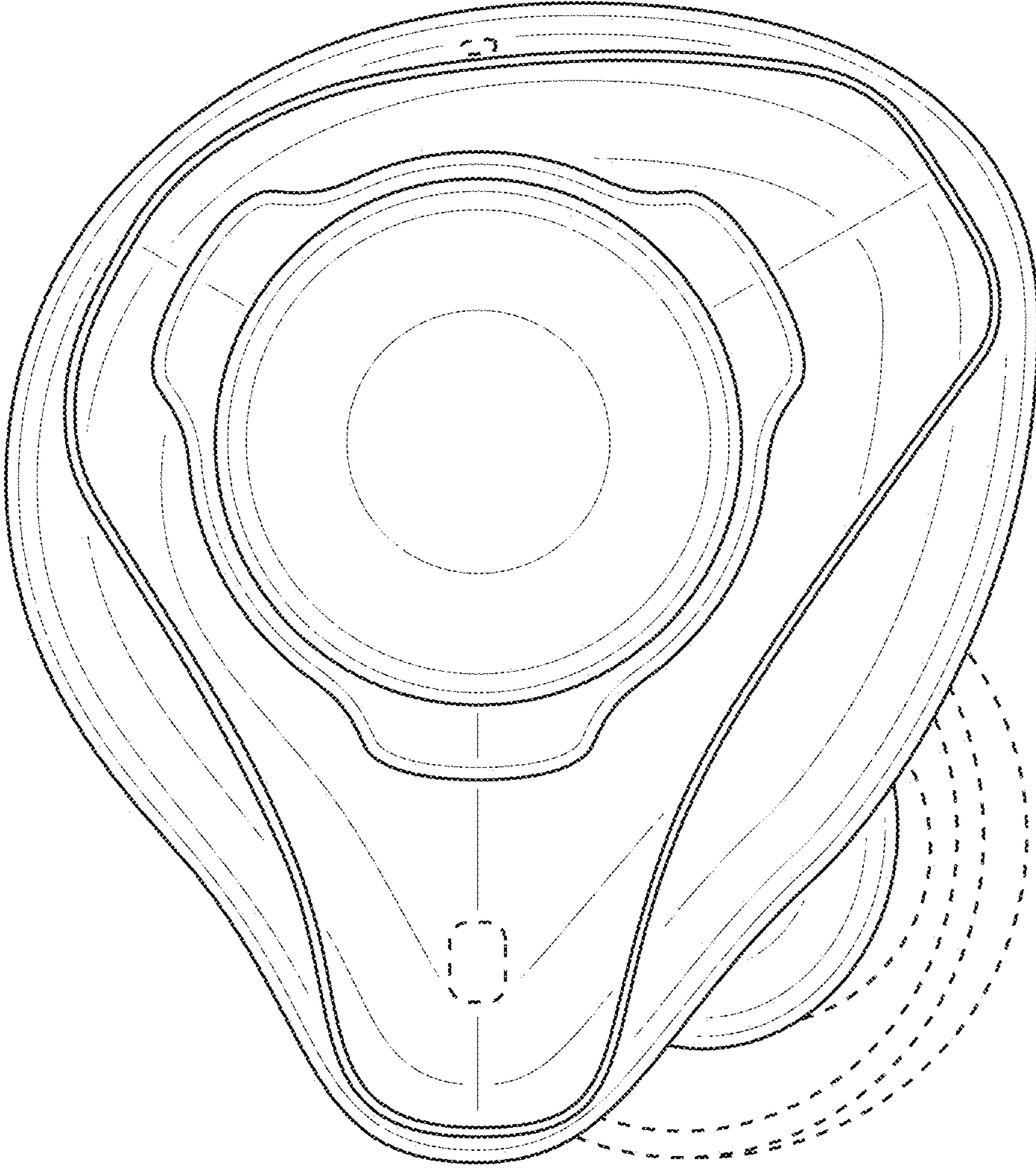


FIG. 13

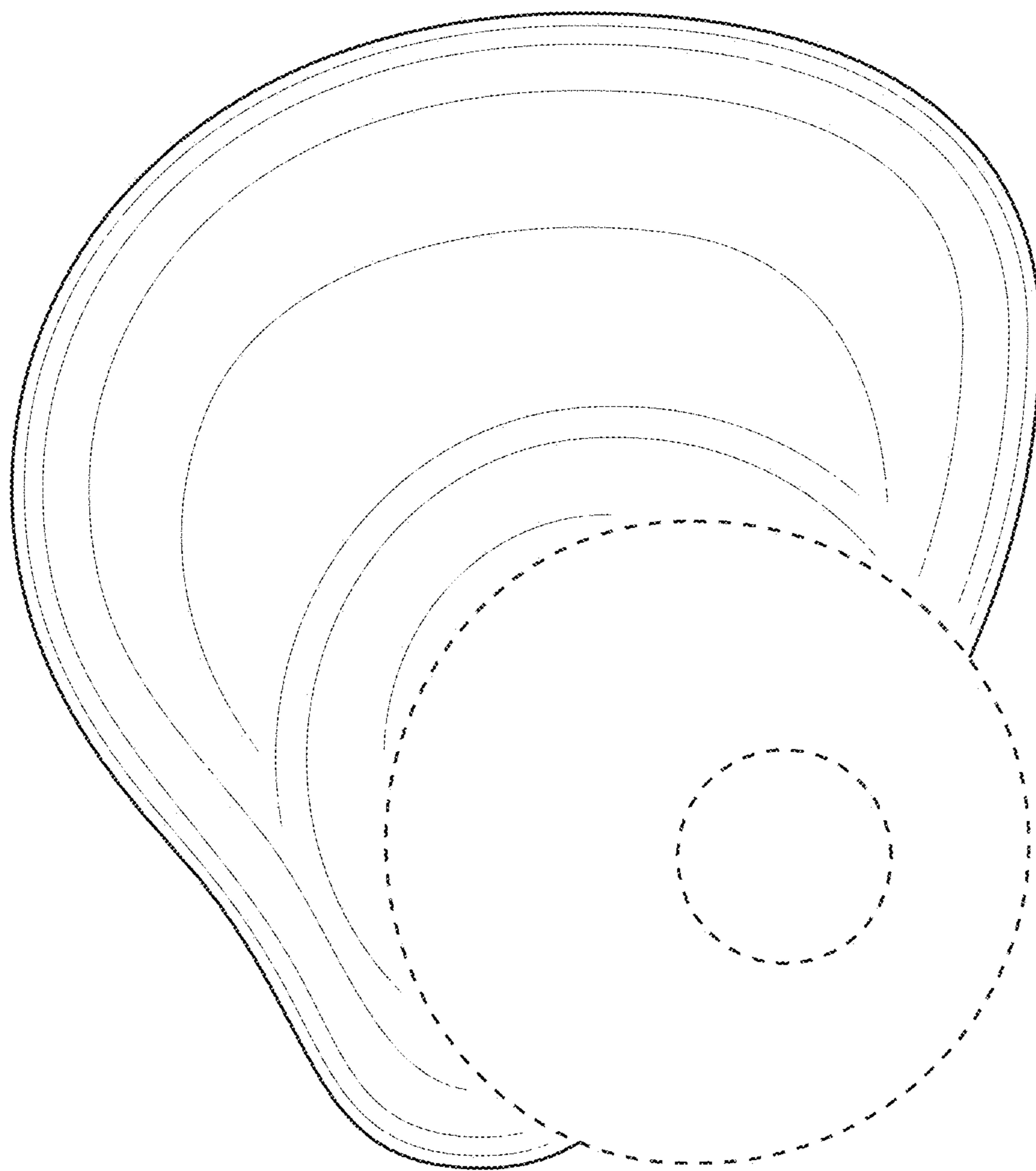


FIG. 14