



US00D965141S

(12) **United States Design Patent** (10) **Patent No.:** **US D965,141 S**
Oldfield et al. (45) **Date of Patent:** **** Sep. 27, 2022**

(54) **CLIP FOR A GAS SAMPLING LINE**
(71) Applicant: **Fisher & Paykel Healthcare Limited**,
Auckland (NZ)
(72) Inventors: **Samantha Dale Oldfield**, Auckland
(NZ); **Edward John Evans**, Auckland
(NZ); **Nathan James Roa**, Auckland
(NZ); **Kate Jayne Chilcott**, Auckland
(NZ); **Craig Karl White**, Auckland
(NZ)

5,046,491 A 9/1991 Derrick
D350,394 S 9/1994 Kazal
D401,005 S * 11/1998 Ludbrook D8/395
D412,832 S * 8/1999 Senninger D8/395
7,337,780 B2 3/2008 Curti et al.
(Continued)

FOREIGN PATENT DOCUMENTS

CN 305270887 * 7/2019
EP 1845841 10/2007
(Continued)

(73) Assignee: **Fisher & Paykel Healthcare Limited**,
Auckland (NZ)

OTHER PUBLICATIONS

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

PCT, Written Opinion of the International Search Authority and
Search Report, Application No. PCT/NZ2017/050134, dated Feb.
15, 2018, in 19 pages.

(21) Appl. No.: **29/761,321**

(22) Filed: **Dec. 8, 2020**

Primary Examiner — Mary Shannon Malley
Assistant Examiner — Lee D. Starr
(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson
& Bear LLP

Related U.S. Application Data

(62) Division of application No. 29/731,944, filed on Apr.
20, 2020, now Pat. No. Des. 907,762, which is a
division of application No. 29/644,094, filed on Apr.
13, 2018, now Pat. No. Des. 885,556.

(51) **LOC (13) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/127**

(58) **Field of Classification Search**
USPC D24/110–110.6, 127, 128, 143; D29/108,
D29/122; D8/394–396
CPC A61M 16/06; A61M 16/0616; A61M
16/0622; A61M 16/0666; A61M 16/0672;
A61M 16/0683; A61M 16/08; A61M
16/0816; A61B 5/08; A61B 5/082; A61B
5/083; A61B 5/0836; A61B 5/097
See application file for complete search history.

(57) **CLAIM**

The ornamental design for a clip for a gas sampling line, as
shown and described.

(56) **References Cited**

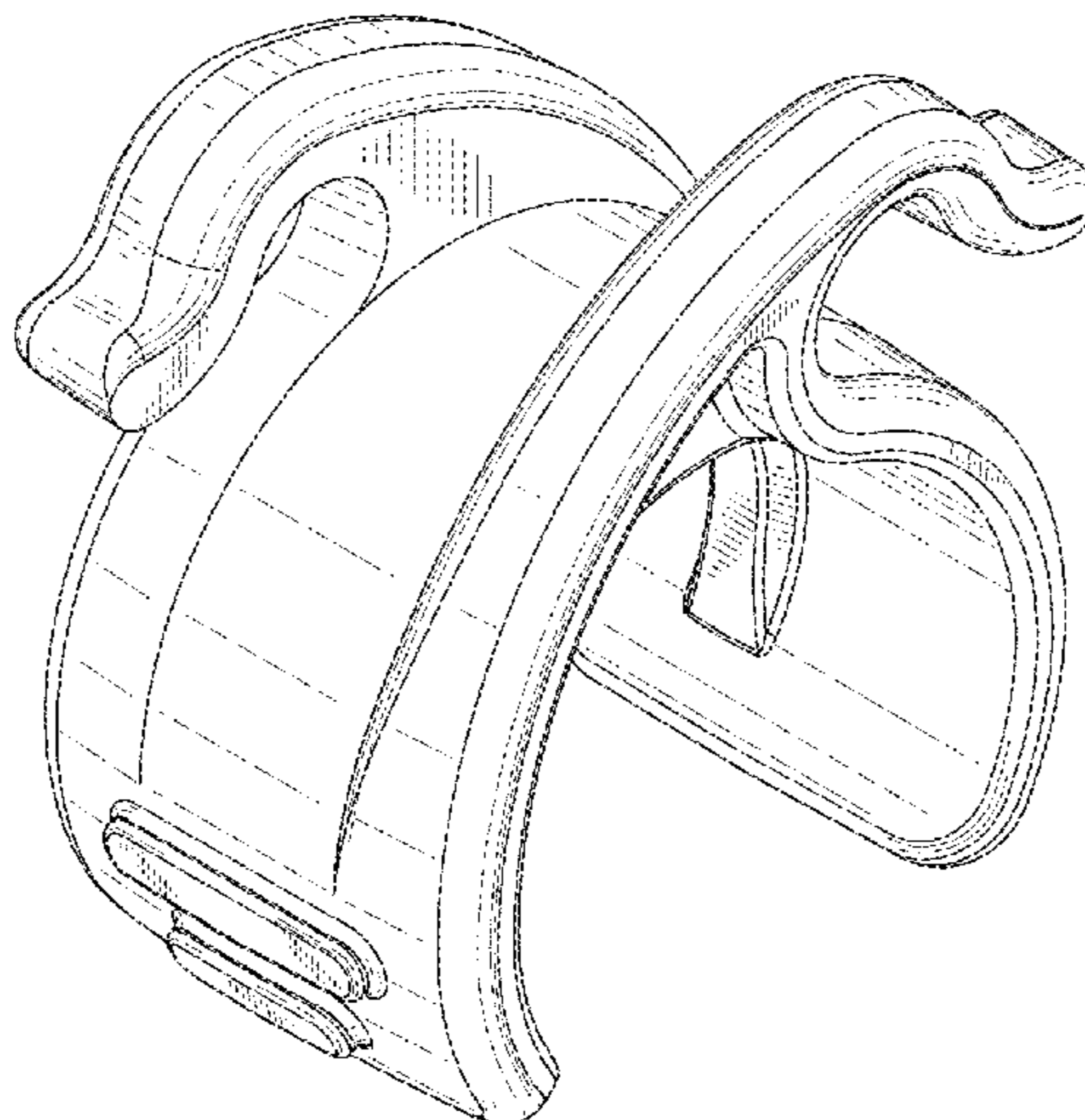
U.S. PATENT DOCUMENTS

D252,246 S * 7/1979 Christian D8/395
D319,298 S * 8/1991 Due D23/265

DESCRIPTION

FIG. 1 is a front, top and left side perspective view of a clip
for a gas sampling line, showing our new design.
FIG. 2 is a front, bottom and left side perspective view
thereof.
FIG. 3 is a right side view thereof.
FIG. 4 is a left side view thereof.
FIG. 5 is a front view thereof.
FIG. 6 is a rear view thereof.
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,997,271 B2 8/2011 Hickle et al.
 8,333,200 B2 12/2012 Tero
 D679,809 S * 4/2013 Clarke D24/127
 D721,950 S * 2/2015 Quinlan D8/396
 9,067,013 B2 * 6/2015 Wright A61M 25/02
 D734,451 S * 7/2015 Guney D24/127
 D766,711 S * 9/2016 Babbage D8/394
 9,440,039 B2 9/2016 Payton et al.
 9,636,043 B2 5/2017 Levitsky et al.
 9,687,623 B2 6/2017 Colman et al.
 D794,439 S * 8/2017 Papafagos D8/396
 9,919,125 B2 * 3/2018 Gulliver F16L 3/13
 9,993,607 B2 6/2018 Weaver et al.
 D834,703 S * 11/2018 Babbage D24/110
 D850,248 S * 6/2019 Byerly D8/396
 D856,123 S * 8/2019 Bancroft D8/395
 D858,264 S * 9/2019 Tenander D8/394
 D885,556 S 5/2020 Oldfield et al.
 10,695,518 B2 6/2020 Weaver et al.
 D896,371 S * 9/2020 Azapagic D24/128
 D930,824 S * 9/2021 Punim D24/127
 D931,441 S * 9/2021 Punim D24/127
 D945,256 S * 3/2022 Kousik D8/396
 D945,873 S * 3/2022 MacDonald D8/395
 D947,374 S * 3/2022 Lindsay D24/128
 2001/0031929 A1 10/2001 O'Toole
 2004/0060443 A1 4/2004 Richardson
 2005/0150498 A1 7/2005 McDonald
 2009/0133699 A1 5/2009 Nalagatla et al.
 2012/0271187 A1 10/2012 Mcneill
 2013/0220326 A1 8/2013 Kemps et al.

2014/0018691 A1 1/2014 Mcneill
 2014/0243698 A1 8/2014 Koch
 2014/0251333 A1 9/2014 Burk et al.
 2015/0099993 A1 4/2015 Weaver et al.
 2015/0360012 A1 12/2015 Sansone et al.
 2016/0015296 A1 1/2016 Garaycochea
 2016/0058973 A1 3/2016 Farnan et al.
 2016/0220777 A1 8/2016 Weaver et al.
 2016/0270692 A1 9/2016 Johnson et al.
 2016/0345863 A1 12/2016 Johnson et al.
 2016/0345864 A1 12/2016 Johnson et al.
 2016/0345894 A1 12/2016 Johnson et al.
 2016/0346495 A1 12/2016 Payton et al.
 2017/0014047 A1 1/2017 Derrick
 2017/0014048 A1 1/2017 Wilke
 2019/0060595 A1 2/2019 Geraghty et al.
 2019/0282161 A1 9/2019 Johnson et al.
 2020/0001035 A1 1/2020 VanPelt
 2020/0114109 A1 4/2020 Klenner et al.
 2020/0197862 A1 6/2020 Landau et al.

FOREIGN PATENT DOCUMENTS

EP 2181727 5/2010
 EP 2204206 3/2016
 JP D1646419 11/2019
 JP D1652657 2/2020
 JP D1652658 2/2020
 JP D1652659 2/2020
 JP D1654280 3/2020
 WO WO 2016/035035 3/2016
 WO WO 2018/052673 3/2018

* cited by examiner

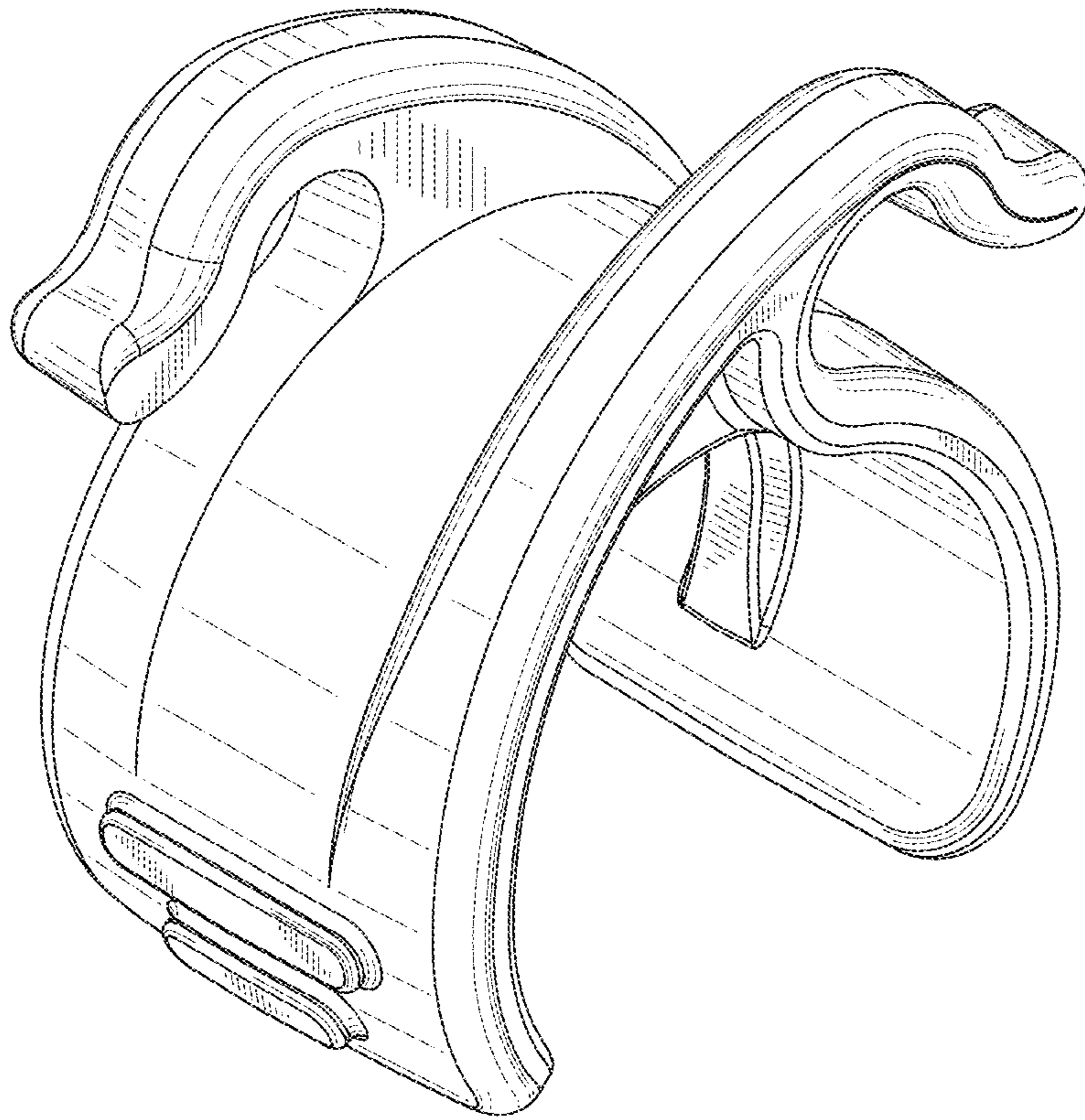


FIG. 1

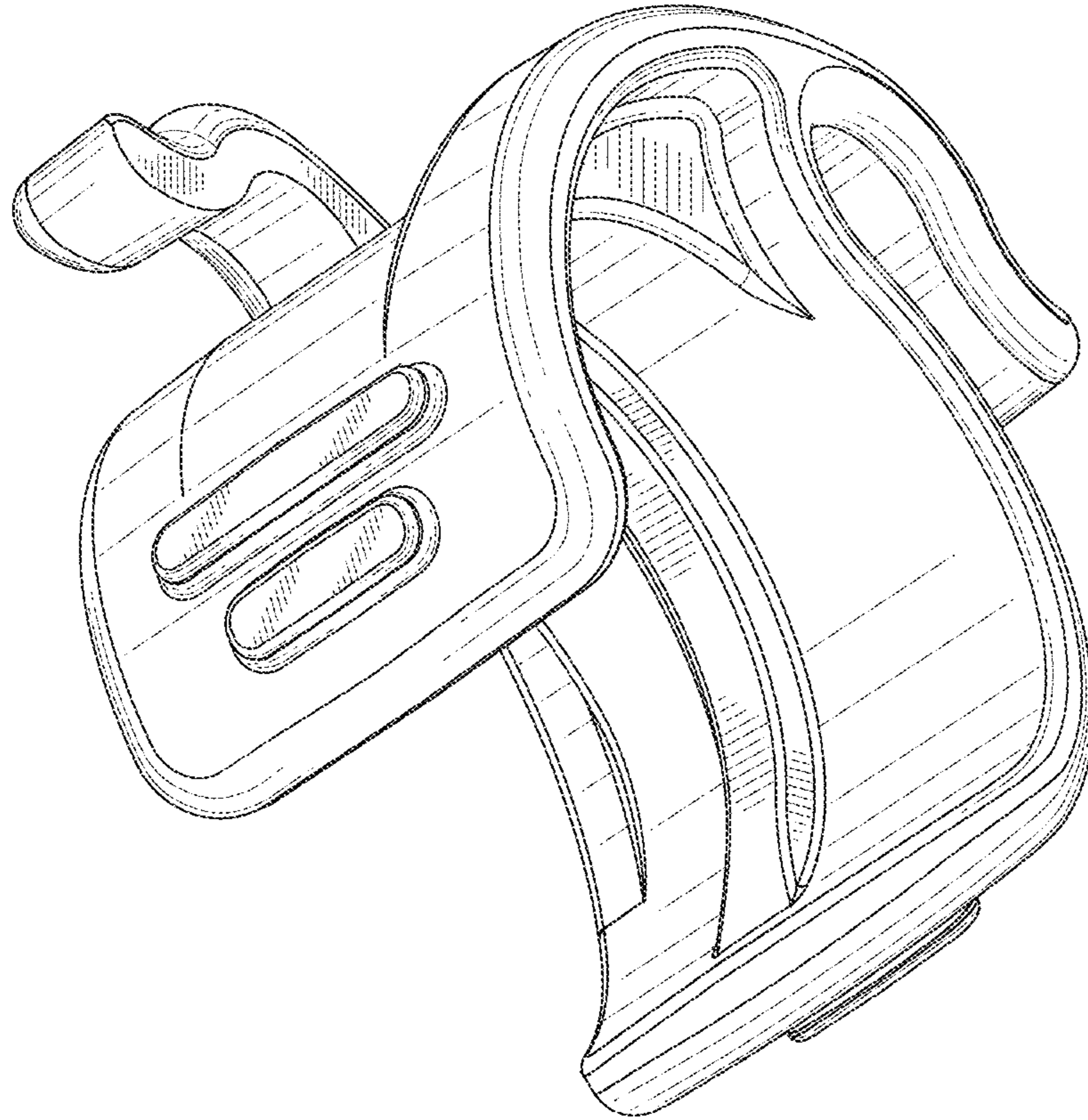


FIG. 2

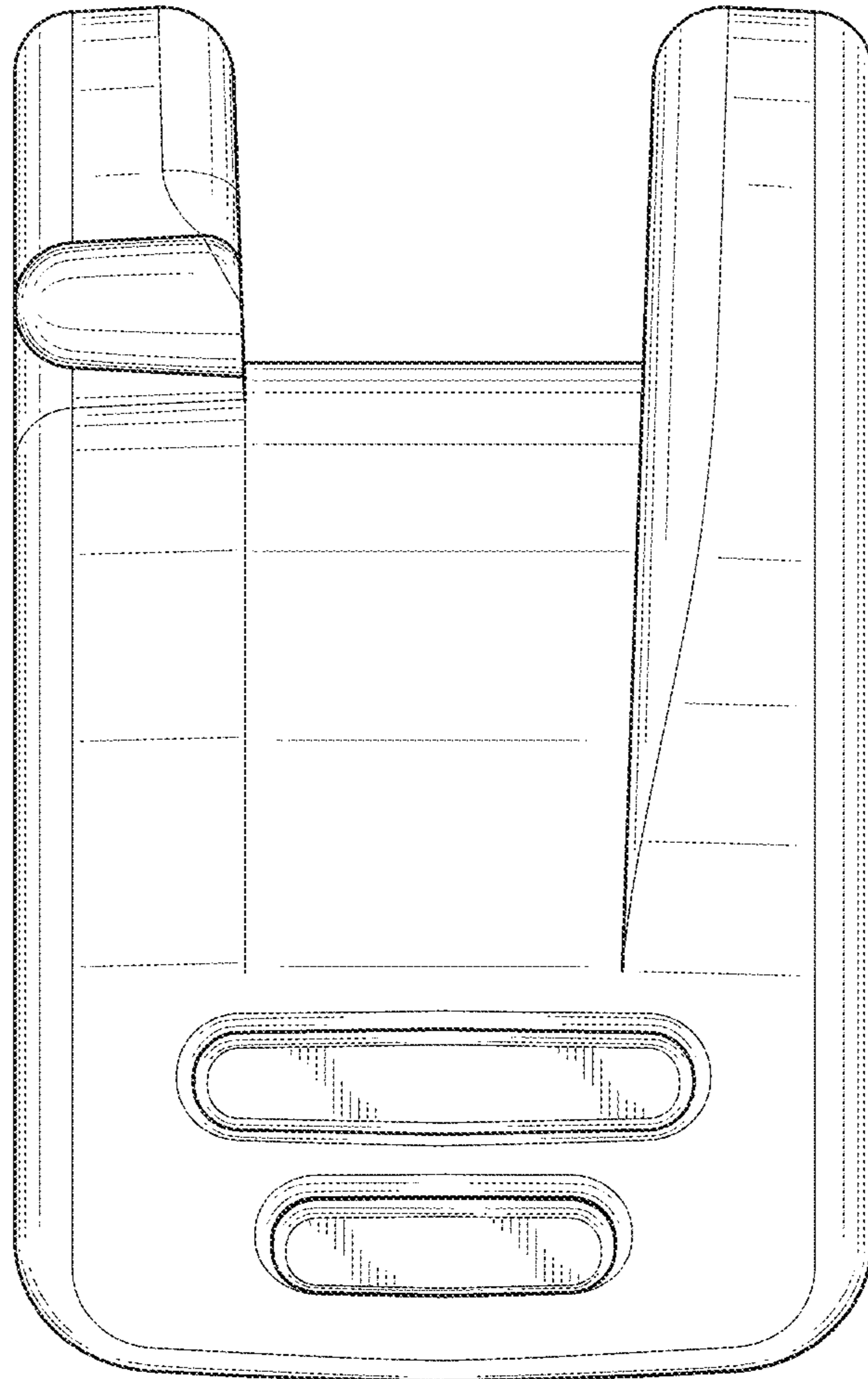


FIG. 3

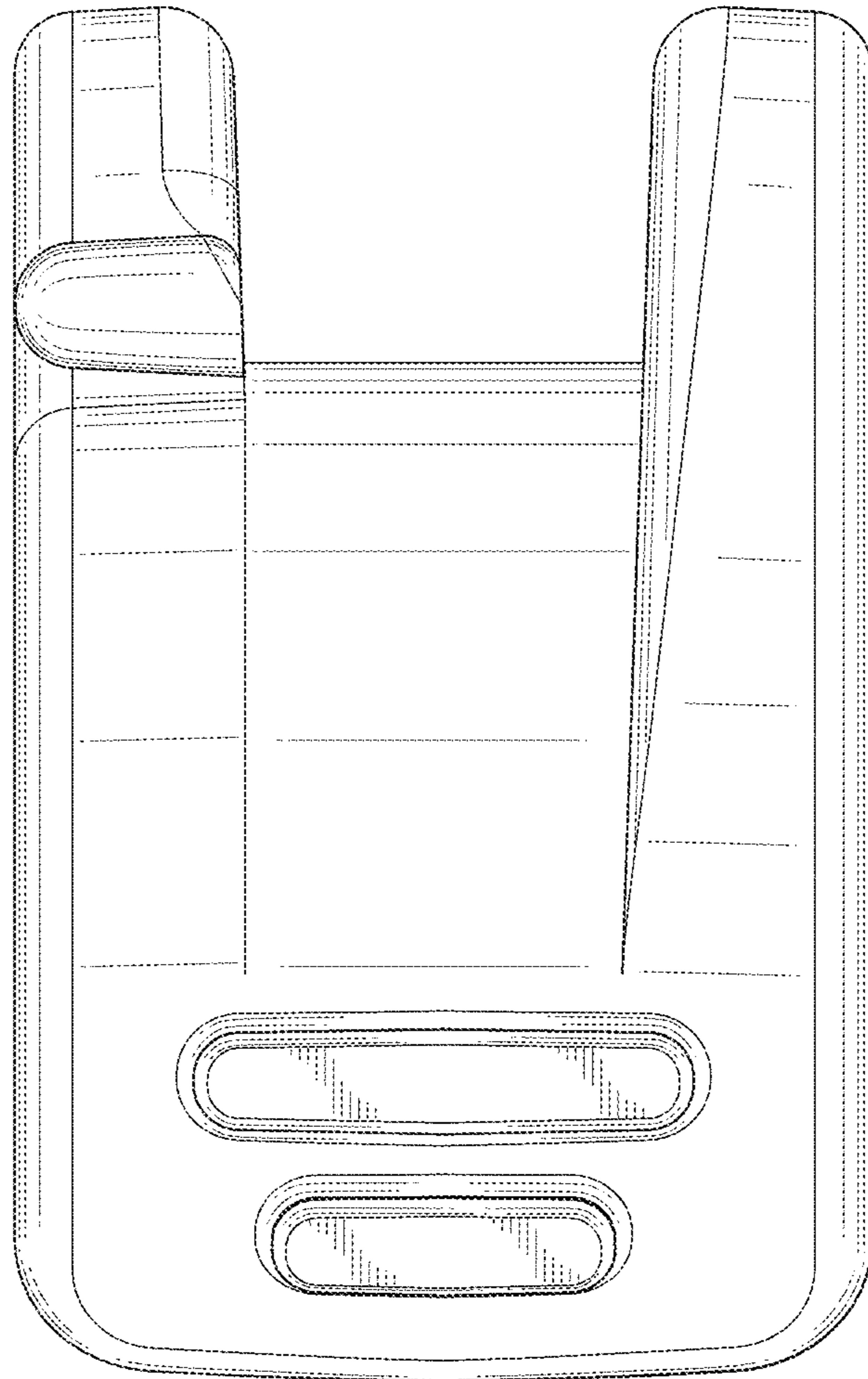


FIG. 4

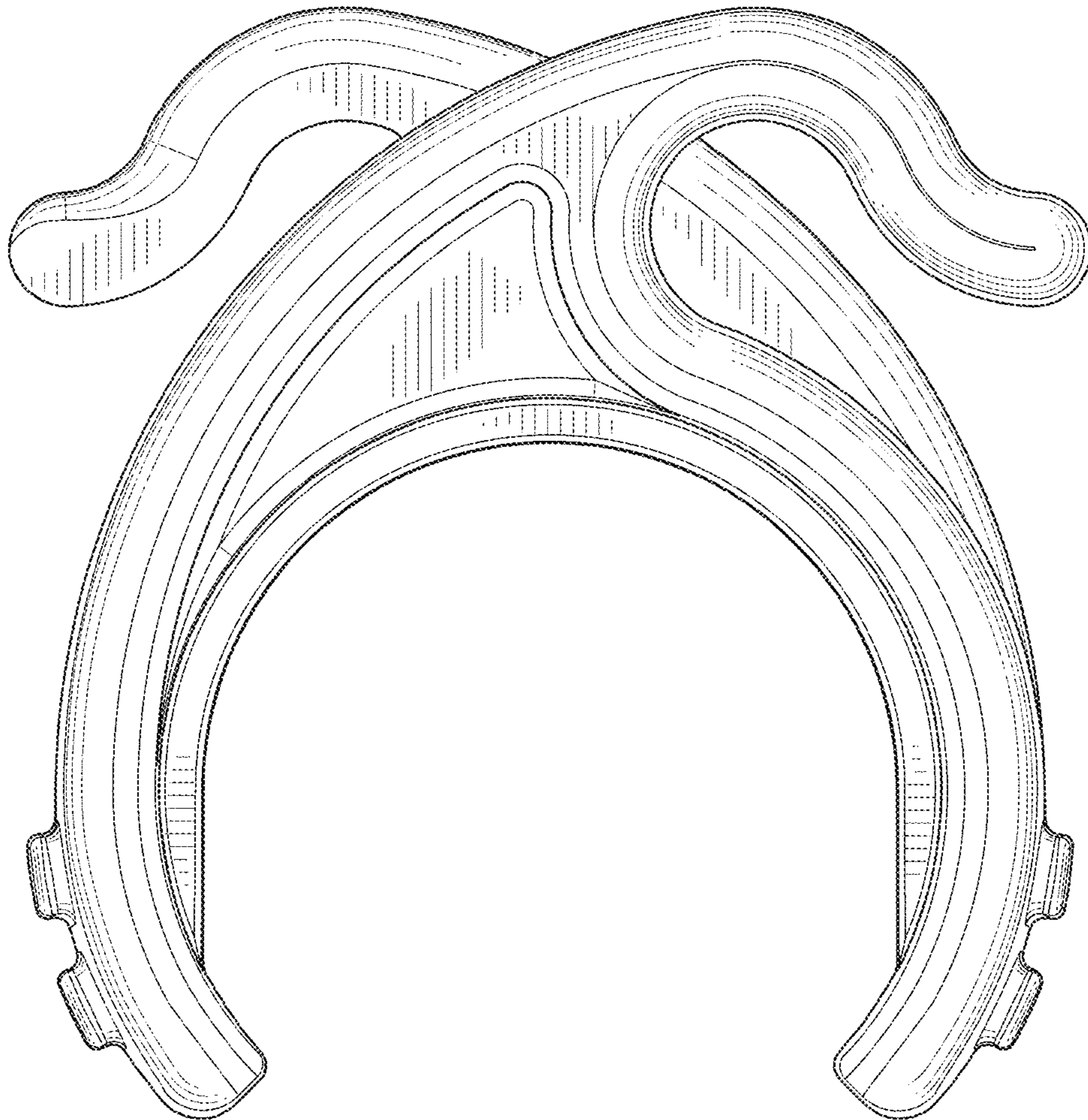


FIG. 5

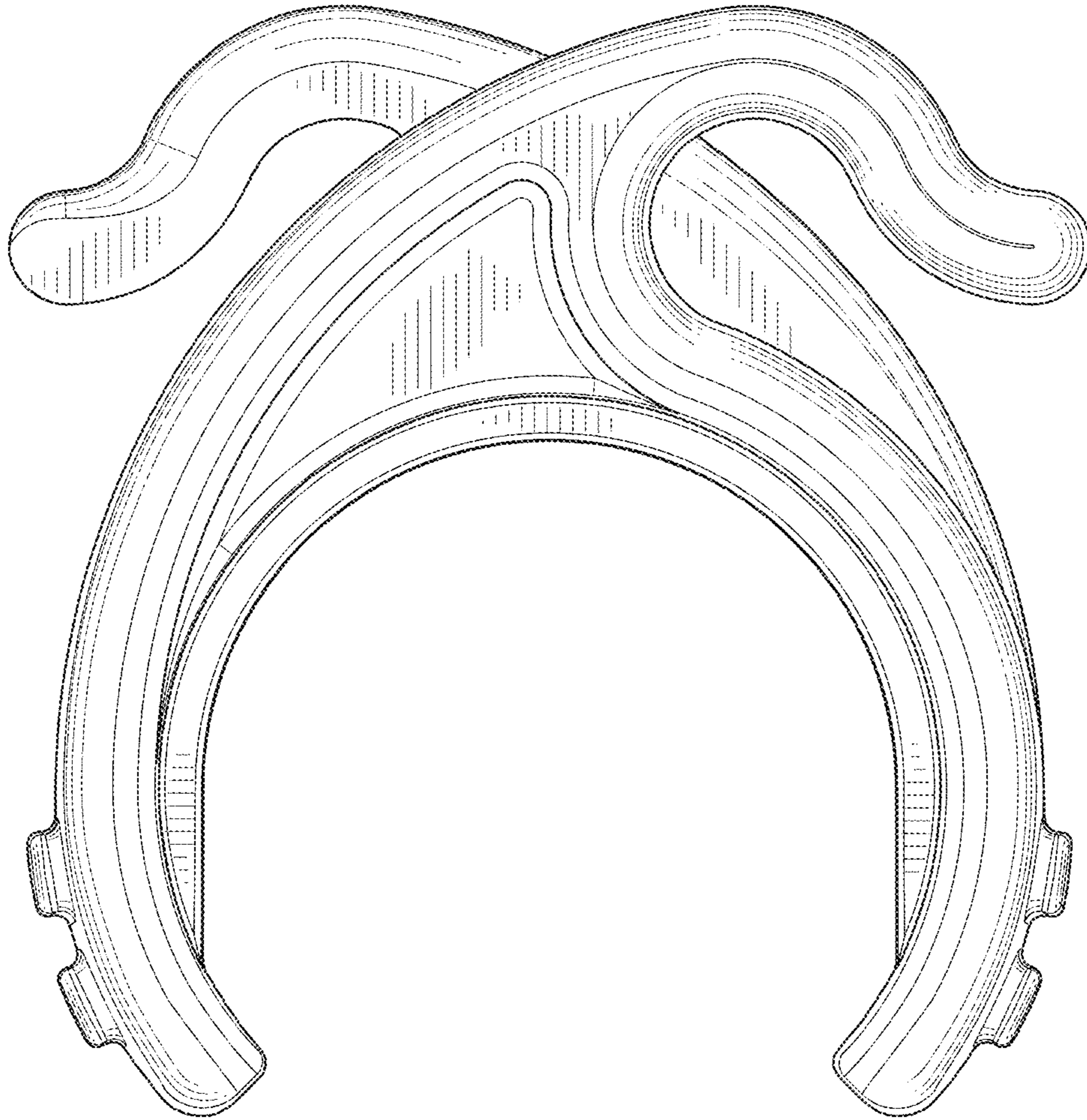


FIG. 6

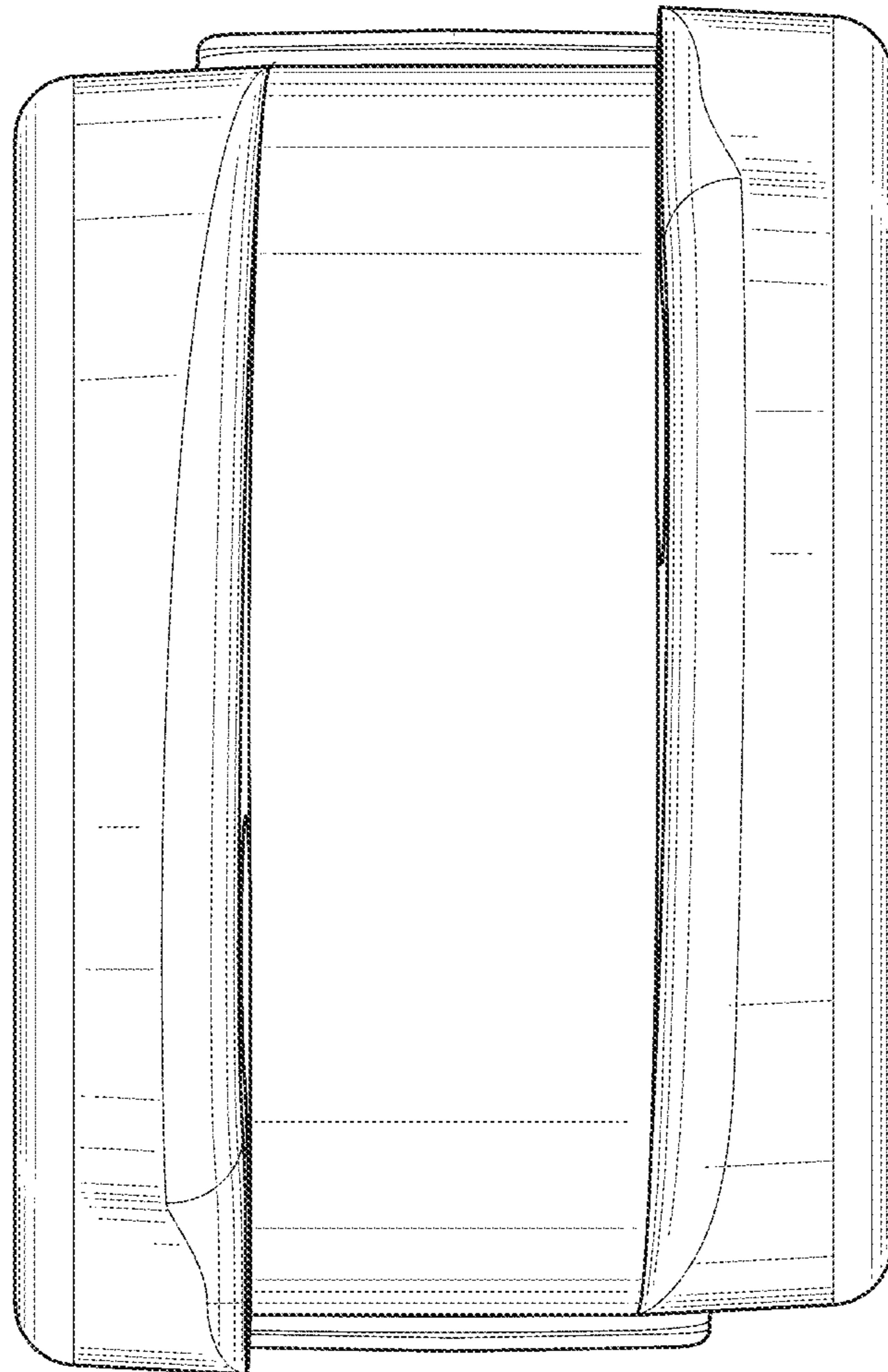


FIG. 7

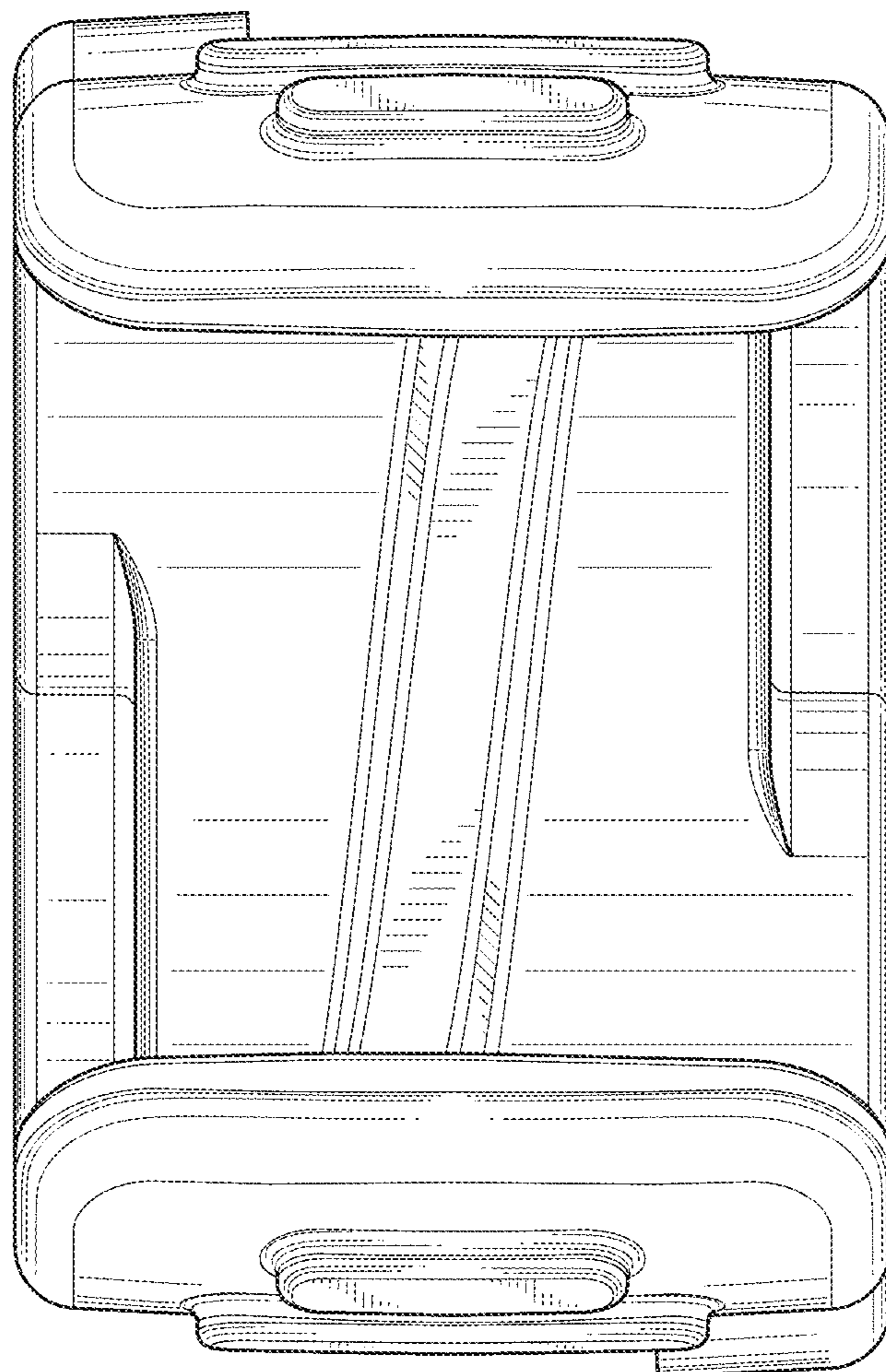


FIG. 8