



US00D792590S

(12) **United States Design Patent** (10) **Patent No.:** **US D792,590 S**
Jessop et al. (45) **Date of Patent:** **** Jul. 18, 2017**

(54) **CHEEK RETRACTOR DEVICE**

OTHER PUBLICATIONS

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U.S. Appl. No. 60/975,387, filed Sep. 26, 2007, Pontynen.

(Continued)

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

(57) **CLAIM**

(21) Appl. No.: **29/563,114**

The ornamental design for a cheek retractor device, as shown and described.

(22) Filed: **May 2, 2016**

Related U.S. Application Data

DESCRIPTION

(63) Continuation-in-part of application No. 29/533,704, filed on Jul. 21, 2015.

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/135**

(58) **Field of Classification Search**
USPC D24/135, 152, 153, 154, 155, 156;
600/140, 242, 237, 235, 208, 210, 238;
433/140

See application file for complete search history.

FIG. 1 is a front perspective view of a cheek retractor device according to the present invention;

FIG. 2 is a rear perspective view of the cheek retractor device of FIG. 1;

FIG. 3 is a front view of the cheek retractor device of FIG. 1;

FIG. 4 is a rear view of the cheek retractor device of FIG. 1;

FIG. 5 is a first side view of the cheek retractor device of FIG. 1;

FIG. 6 is an opposite side view of the cheek retractor device of FIG. 1;

FIG. 7 is a top view of the cheek retractor device of FIG. 1; and,

FIG. 8 is a bottom view of the cheek retractor device of FIG. 1.

Any broken lines shown in the figures are for illustrative purposes only and form no part of the claimed design. The dash-dot-dash broken lines mark the boundary between claimed and unclaimed portions of the illustrated cheek retractor device.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,589,504 A 3/1952 Miller
2,812,758 A 11/1957 Blumneschein
3,241,550 A 3/1966 Gelarie
3,332,417 A 7/1967 Blanford et al.

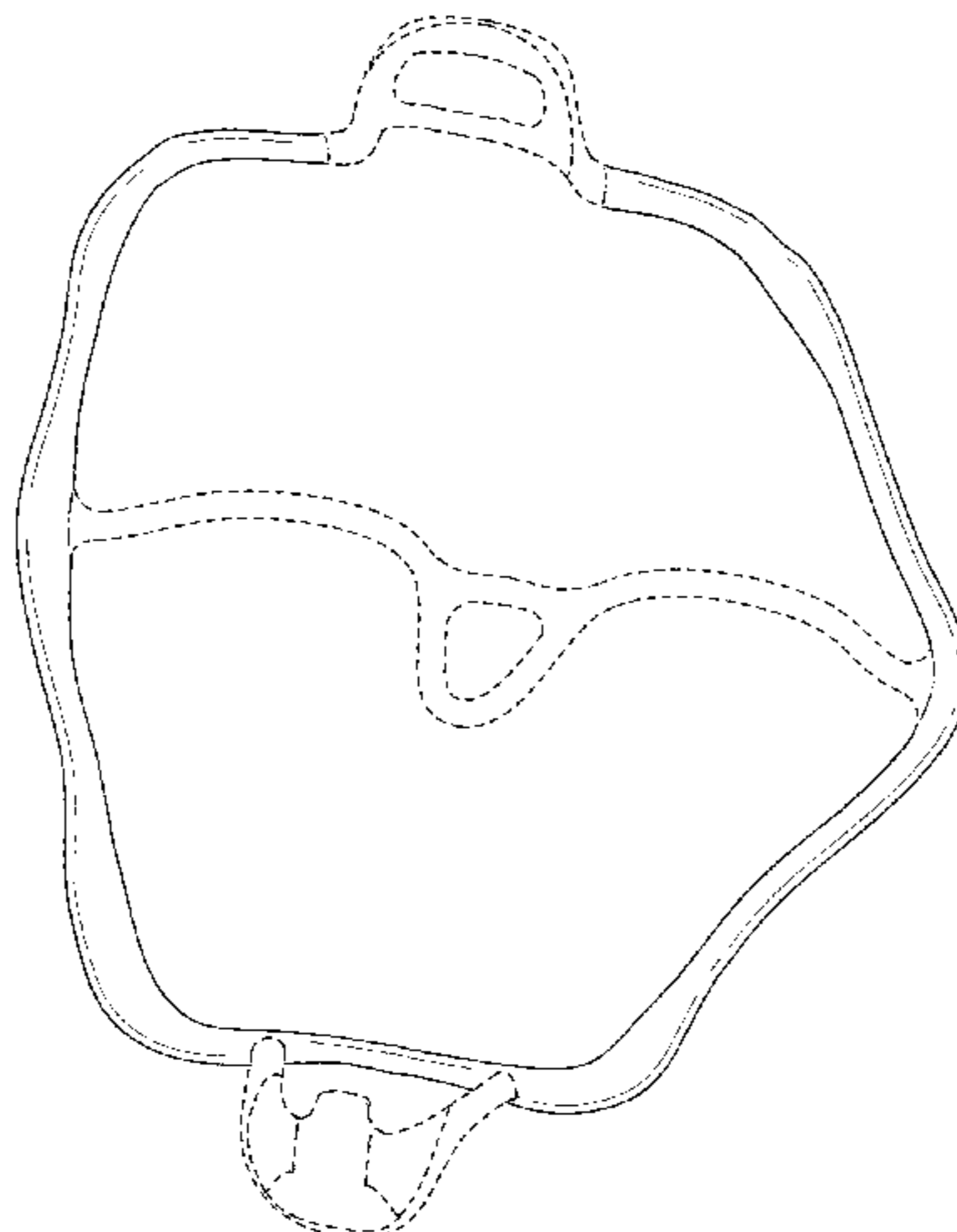
(Continued)

FOREIGN PATENT DOCUMENTS

CH 695235 A5 2/2006
CH 695235 A8 3/2006

(Continued)

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,396,468 A 8/1968 Dayhoff
 3,772,790 A 11/1973 Swan-gett et al.
 3,781,994 A 1/1974 Hesselgren
 3,916,880 A 11/1975 Schroer
 4,002,162 A 1/1977 Weisser
 4,019,255 A 4/1977 Cohen et al.
 4,053,984 A 10/1977 Moss
 4,179,815 A 12/1979 Hoffman
 4,200,089 A 4/1980 Inoue
 4,204,329 A 5/1980 Kahn
 4,215,477 A 8/1980 Shanel
 4,259,067 A 3/1981 Nelson
 4,511,329 A 4/1985 Diamond
 4,512,742 A 4/1985 Shanel
 4,585,416 A 4/1986 DeNero
 4,592,344 A 6/1986 Scheer
 4,600,387 A 7/1986 Ross
 4,640,273 A 2/1987 Greene
 4,671,260 A 6/1987 Buckner
 4,695,253 A 9/1987 Tysse
 4,744,758 A 5/1988 Harrison et al.
 4,820,155 A 4/1989 Sauveur et al.
 4,828,491 A 5/1989 Gray
 4,889,490 A 12/1989 Jenkinson
 4,889,491 A 12/1989 Krygier et al.
 4,899,490 A 2/1990 Jokel
 4,952,143 A 8/1990 Becker et al.
 4,984,564 A 1/1991 Yuen
 5,011,409 A 4/1991 Gray
 5,032,178 A 7/1991 Cornell
 5,037,298 A 8/1991 Hickham
 5,078,604 A 1/1992 Malmin
 5,090,047 A 2/1992 Angotti et al.
 5,098,299 A 3/1992 Fischer
 5,104,317 A 4/1992 Riazzi
 5,115,799 A 5/1992 McGann
 5,190,546 A 3/1993 Jervis
 5,199,872 A 4/1993 Leal
 5,211,559 A 5/1993 Hart et al.
 5,328,364 A 7/1994 Doyle
 5,340,313 A 8/1994 Hussin
 5,360,341 A 11/1994 Abramowitz
 5,366,478 A 11/1994 Brinkerhoff et al.
 5,460,524 A 10/1995 Anderson
 5,466,153 A 11/1995 Poindexter
 5,499,917 A 3/1996 Erickson et al.
 5,513,986 A 5/1996 Feltham et al.
 5,516,286 A 5/1996 Kushner
 5,524,644 A 6/1996 Crook
 5,590,504 A 1/1997 Heard et al.
 5,632,284 A 5/1997 Graether
 5,713,738 A 2/1998 Yarborough
 5,730,597 A 3/1998 Luttrell
 5,759,038 A 6/1998 Fischer
 5,803,734 A 9/1998 Knutson
 5,873,718 A 2/1999 Sullivan
 5,879,159 A 3/1999 Cipolla
 5,890,899 A 4/1999 Sclafani
 5,931,673 A 8/1999 Bolbolan
 5,964,770 A 10/1999 Flomenblit
 6,017,304 A 1/2000 Vierra et al.
 6,022,214 A 2/2000 Hirsch et al.
 6,089,740 A 7/2000 Forehand et al.
 6,102,701 A 8/2000 Engeron
 6,116,900 A 9/2000 Ostler
 6,162,055 A 12/2000 Montgomery et al.
 6,193,513 B1 2/2001 Pancallo
 6,213,772 B1 4/2001 Costello
 6,231,343 B1 5/2001 Ishibashi et al.
 6,254,534 B1 7/2001 Butler et al.
 6,267,591 B1 7/2001 Barstow
 6,309,625 B1 10/2001 Jensen et al.
 6,343,933 B1 2/2002 Montgomery et al.
 6,361,320 B2 3/2002 Yarborough
 6,391,283 B1 5/2002 Jensen et al.

6,416,319 B1 7/2002 Cipolla
 6,416,322 B2 7/2002 Qualliotine
 6,436,034 B1 8/2002 Funatogawa
 6,450,983 B1 9/2002 Rambo
 6,485,301 B1 11/2002 Germunder et al.
 6,500,002 B2 12/2002 Horiguchi
 6,514,075 B1 2/2003 Jacob
 6,688,783 B2 2/2004 Janosik et al.
 6,692,250 B1 2/2004 Decaudin et al.
 6,712,608 B2 3/2004 Bills et al.
 6,716,029 B2 4/2004 Fischer et al.
 6,733,290 B2 5/2004 West et al.
 6,752,630 B2 6/2004 Roetzer
 6,773,290 B2 8/2004 Lai
 6,783,363 B2 8/2004 Eguchi et al.
 D496,995 S 10/2004 Dorfman
 6,805,127 B1 10/2004 Karasic
 6,880,954 B2 4/2005 Ollett et al.
 D504,721 S 5/2005 Dorfman
 6,923,761 B1 8/2005 Dorfman
 6,974,321 B2 12/2005 Hirsch et al.
 6,981,870 B2 1/2006 Heasley
 6,988,893 B2 1/2006 Haywood
 7,040,894 B2 5/2006 Horvath
 7,077,652 B2 7/2006 Kilcher et al.
 7,300,401 B2 11/2007 Patrickus
 D564,658 S 3/2008 Anderson
 D615,203 S 5/2010 Hirsch et al.
 D617,455 S 6/2010 Mori et al.
 D652,143 S 1/2012 Brown
 8,376,743 B1 2/2013 Bukhary
 8,974,382 B2 3/2015 Taljaard
 D737,964 S 9/2015 Jessop
 D761,958 S * 7/2016 Jessop D24/135
 D763,444 S * 8/2016 Jessop D24/135
 2001/0012608 A1 8/2001 Darnell
 2001/0037053 A1 11/2001 Bonadio et al.
 2002/0022211 A1 2/2002 Horiguchi
 2003/0152196 A1 8/2003 Bratslavsky et al.
 2003/0198605 A1 10/2003 Montgomery
 2004/0005529 A1 1/2004 O'Neill
 2004/0033205 A1 2/2004 Date et al.
 2004/0049099 A1 3/2004 Ewers
 2004/0076926 A1 4/2004 Baughman
 2004/0084826 A1 5/2004 Kostiza
 2004/0097795 A1 5/2004 Horvath
 2004/0152051 A1 8/2004 Craig
 2004/0170945 A1 9/2004 Heasley
 2004/0209225 A1 10/2004 Kilcher et al.
 2004/0219486 A1 11/2004 Heasley
 2005/0048434 A1 3/2005 Cipolla et al.
 2005/0064370 A1 3/2005 Duret
 2005/0074720 A1 4/2005 Anderson
 2005/0171406 A1 8/2005 Dorfman et al.
 2005/0186535 A1 8/2005 Bills et al.
 2005/0227199 A1 10/2005 Patrickus
 2005/0265933 A1 12/2005 Montgomery et al.
 2006/0003284 A1 1/2006 Sale et al.
 2006/0069316 A1 3/2006 Dorfman et al.
 2006/0115789 A1 6/2006 Wishart
 2006/0155171 A1 7/2006 Yang
 2006/0234187 A1 10/2006 Kilcher et al.
 2007/0148619 A1 6/2007 Anderson
 2007/0231773 A1 10/2007 Pontynen et al.
 2007/0270965 A1 11/2007 Ferguson
 2008/0064001 A1 3/2008 Dorfman et al.
 2008/0153058 A1 6/2008 Horvath
 2009/0081611 A1 3/2009 Hines et al.
 2011/0060194 A1 3/2011 Risto et al.
 2012/0012120 A1 1/2012 Giffey
 2013/0230822 A1 9/2013 Hines
 2016/0008094 A1 1/2016 Jessop et al.
 2016/0022381 A1 1/2016 Jessop et al.
 2016/0270880 A1 9/2016 Hines et al.

FOREIGN PATENT DOCUMENTS

CN 2416869 1/2001
 CN 200963161 10/2007

(56)

References Cited

FOREIGN PATENT DOCUMENTS

CN	101299956	11/2008
CN	202262973	6/2012
CN	202408831	9/2012
CN	202590146	12/2012
EP	1455636 B1	4/2009
JP	S51-797	1/1976
JP	H1-69510	5/1989
JP	2002017670	1/2002
JP	2005511232 T2	4/2005
JP	3851631 B2	11/2006
JP	2007-209635	8/2007
JP	2007-283094	11/2007
JP	2010-540117	12/2010
JP	2012-254212	12/2012
KR	1019980087815	12/1998
KR	20-0359447	8/2004
WO	WO 0207636 A1	1/2002
WO	WO03051185 A1	6/2003
WO	WO2004075927 A2	9/2004
WO	WO2007115144 A2	10/2007
WO	WO2007115144 A3	11/2007
WO	WO2009042957 A2	4/2009
WO	WO2009042957 A3	5/2009

OTHER PUBLICATIONS

U.S. Appl. No. 61/789,929, filed Mar. 15, 2013, Jessop et al.
 U.S. Appl. No. 29/485,036, filed Mar. 14, 2014, Jessop et al.
 U.S. Appl. No. 29/532,890, filed Jul. 10, 2015, Jessop et al.
 U.S. Appl. No. 29/533,704, filed Jul. 21, 2015, Jessop et al.
 U.S. Appl. No. 15/166,011, filed May 26, 2016, Hines et al.
 U.S. Appl. No. 29/567,628, filed Jun. 10, 2016, Jessop et al.
 Isolite Systems. Isolite i2. Available at: www.isolitesystems.com.
 Accessed on Oct. 21, 2008.

Kerr Corporation. Consumable Dental Restorative Materials Manufacturer. Available at: www.kerrhawe.com Accessed on Oct. 21, 2008.
 Ivoclar Vivadent Inc. OptraDam Available at: www.ivoclar.co.nz. Accessed on Oct. 21, 2008.
 OptiDAM. Available at www.kerrhawe.com. Accessed Jul. 10, 2007.
 OptraGate. Available at www.ivoclar.co.nz. Accessed Jul. 10, 2007.
 Dentapops. Available at http://dynaflex.com/en-us/dept_329.html. Accessed Jul. 10, 2007.
 Drysolator: Dental Dry Isolator. Available at <http://drysolator.com/index.html>. Accessed on Jul. 31, 2007 (2 pages).
 Full Arch Dry Field System. Available at <http://www.nolaspecialties.com/fulardryfiel.html>. Accessed on 7/31/07 (1 Page).
 Notice of Rejection in Japanese Patent Application No. 2010-527217 dated Mar. 11, 2014, acting as English Translation of cited reference JP H1-69510.
 U.S. Appl. No. 12/239,477, Apr. 22, 2011, Office Action.
 U.S. Appl. No. 12/239,477, Nov. 14, 2011, Office Action.
 U.S. Appl. No. 12/239,477, Feb. 12, 2013, Office Action.
 U.S. Appl. No. 12/239,477, Sep. 23, 2013, Office Action.
 U.S. Appl. No. 13/829,609, Jun. 25, 2014, Office Action.
 U.S. Appl. No. 13/829,609, Nov. 26, 2014, Office Action.
 U.S. Appl. No. 29/485,036, Jun. 24, 2015, Notice of Allowance.
 U.S. Appl. No. 13/829,609, Dec. 16, 2015, Office Action.
 U.S. Appl. No. 29/533,704, Jan. 20, 2016, Office Action.
 U.S. Appl. No. 29/532,890, Mar. 18, 2016, Notice of Allowance.
 U.S. Appl. No. 13/829,609, Mar. 29, 2016, Notice of Allowance.
 U.S. Appl. No. 29/533,704, filed Apr. 8, 2016, Notice of Allowance.
 U.S. Appl. No. 15/166,011, Sep. 6, 2016, Office Action.
 Supplementary European Search Report issued in European Application No. EP14763277, mailed Oct. 20, 2016.
 U.S. Appl. No. 14/776,867, Nov. 17, 2016, Office Action.
 U.S. Appl. No. 15/166,011, Mar. 1, 2017, Office Action.
 Office Action issued in JP Patent Application No. 2016-502701 Mailed date: Mar. 1, 2017.
 Office Action dated May 5, 2017 cited in U.S. Appl. No. 14/776,867.

* cited by examiner

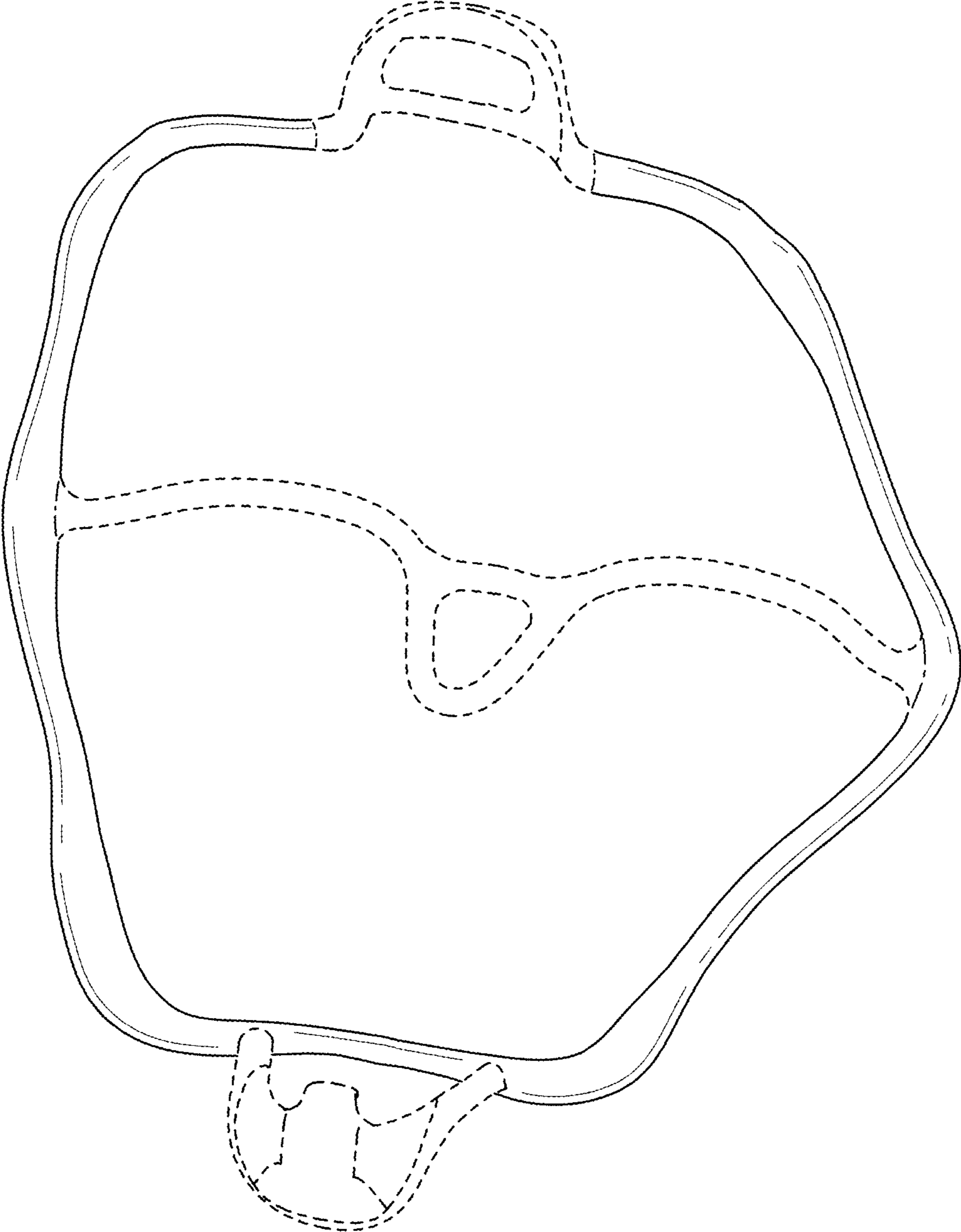


FIG. 1

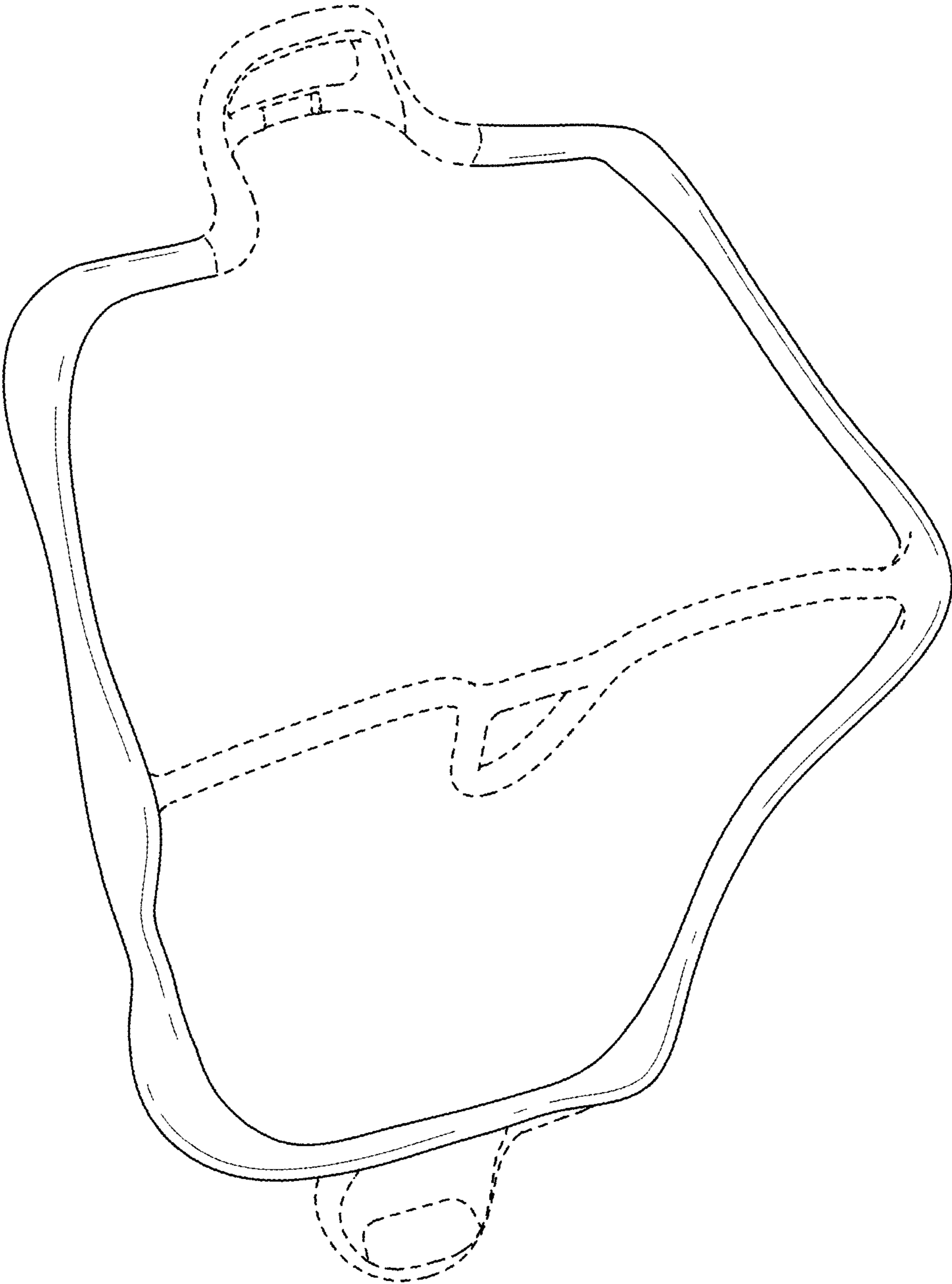


FIG. 2

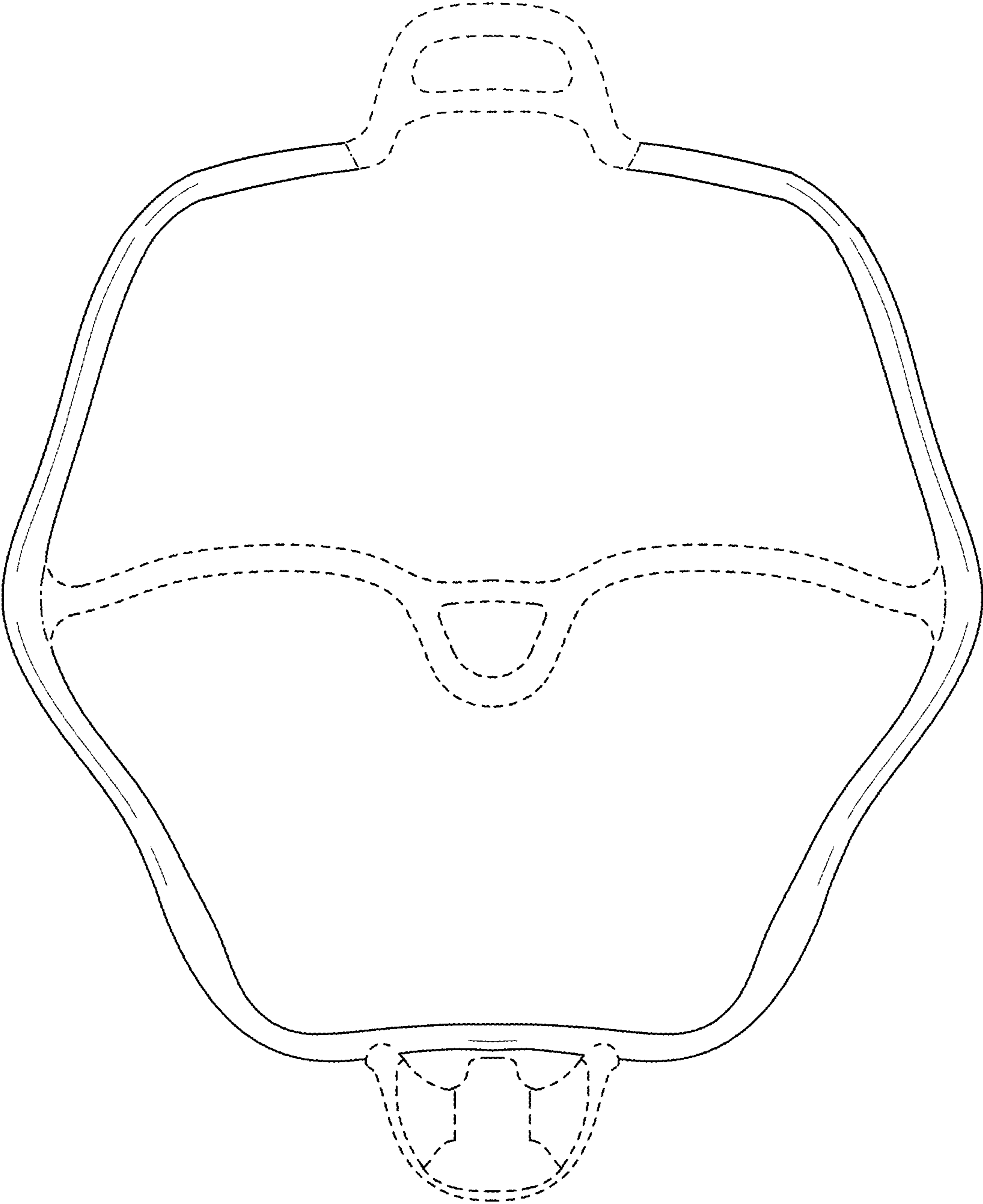


FIG. 3

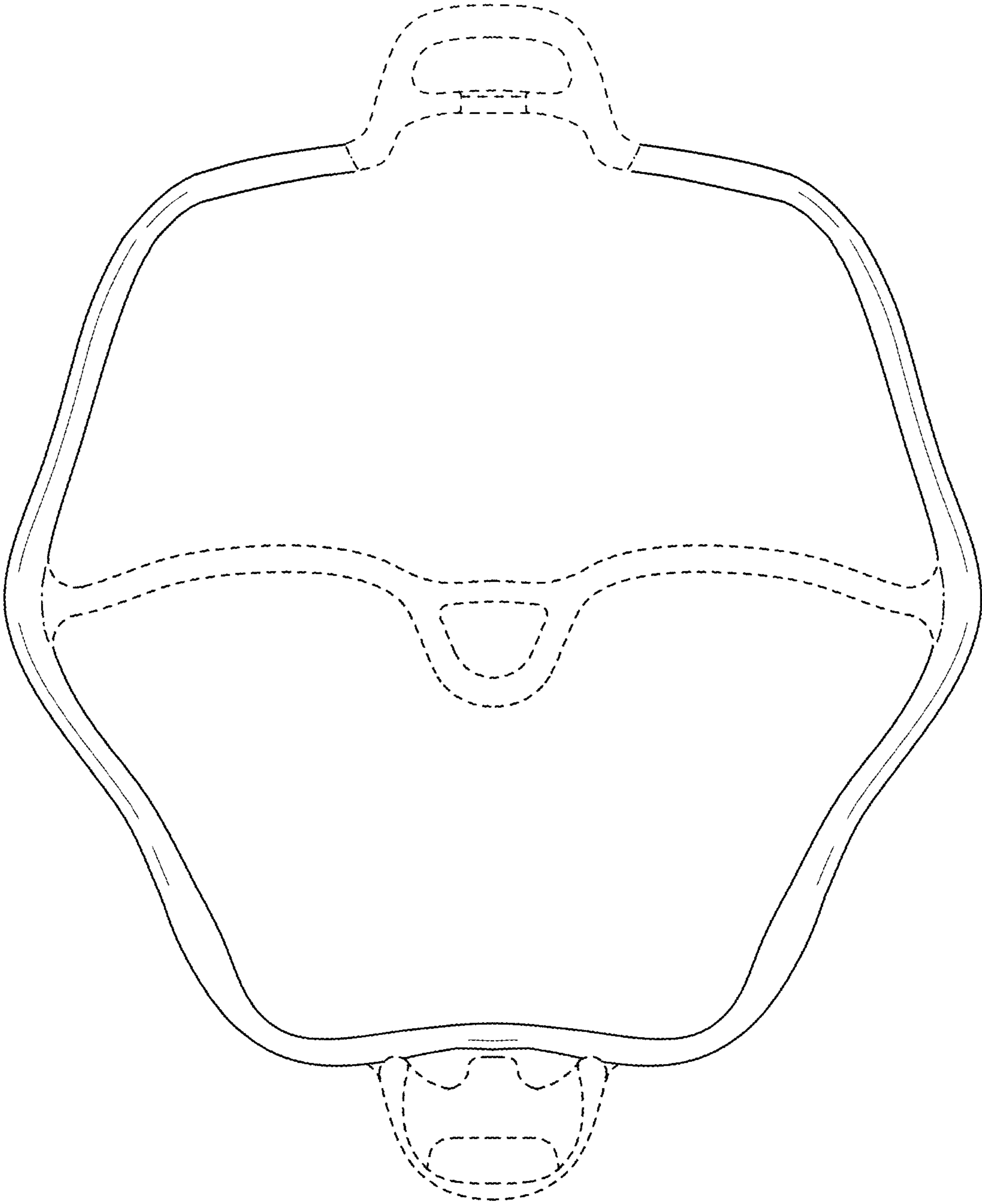


FIG. 4

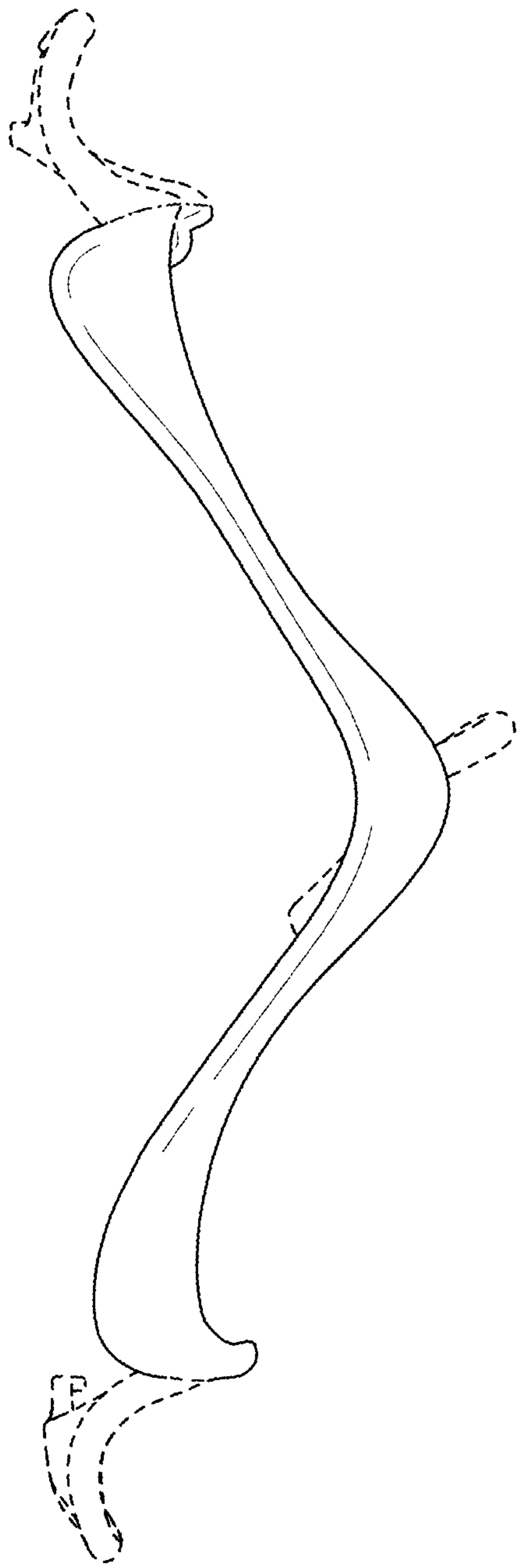


FIG. 5

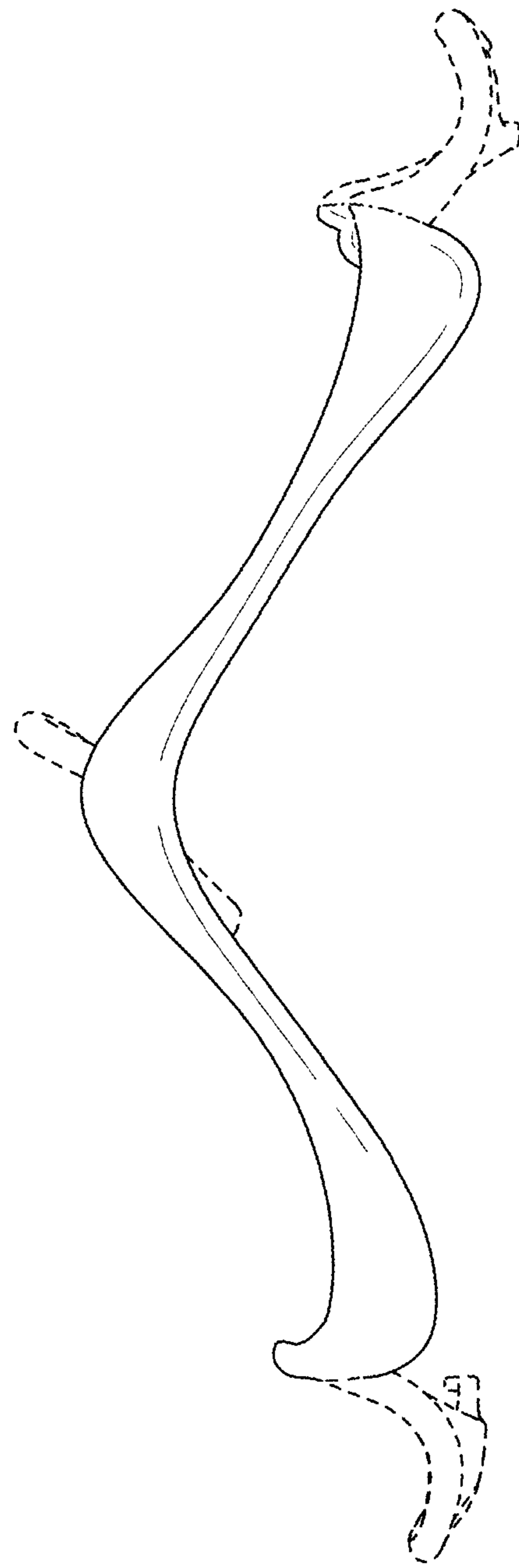


FIG. 6

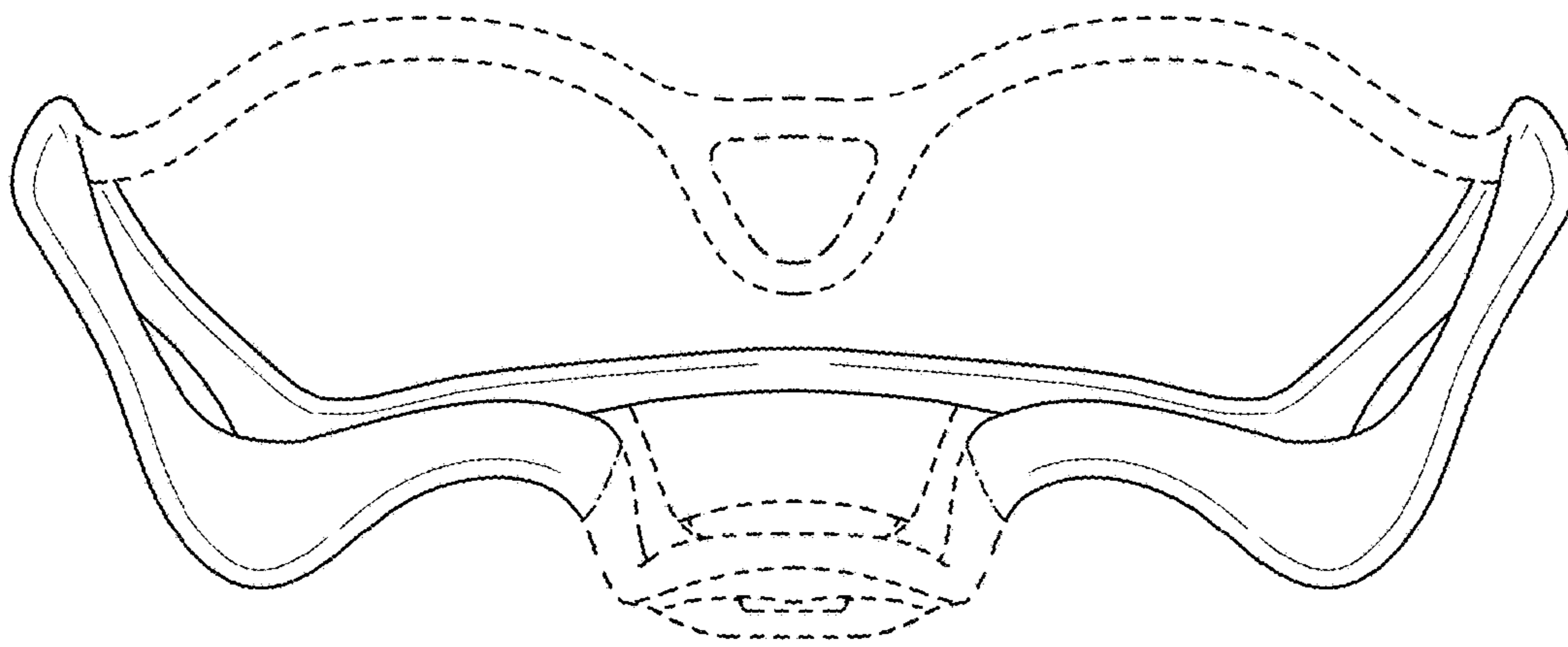


FIG. 7

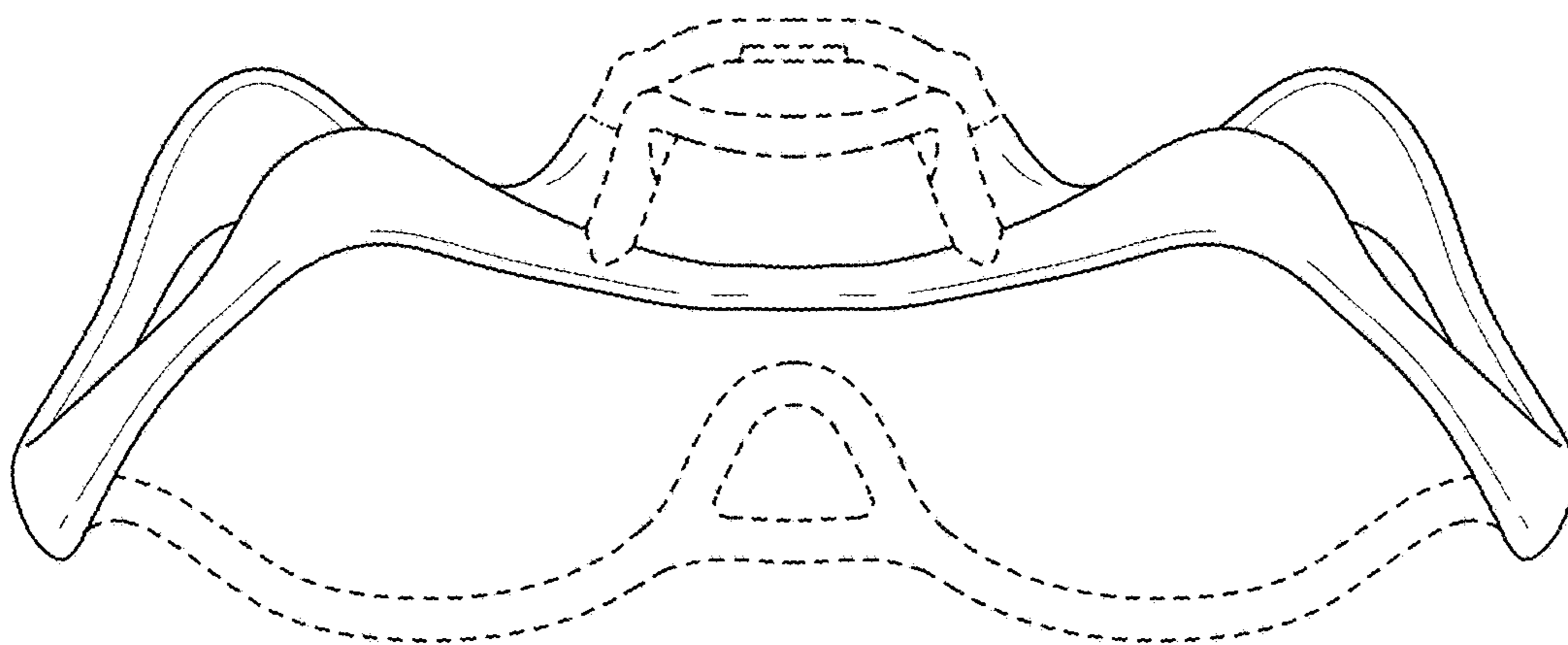


FIG. 8