



US00D987808S

(12) **United States Design Patent** (10) **Patent No.:** **US D987,808 S**  
**Skipper et al.** (45) **Date of Patent:** **\*\* May 30, 2023**

(54) **SHROUD MODULE FOR A PATIENT INTERFACE**

- (71) Applicant: **ResMed Pty Ltd**, Bella Vista (AU)
- (72) Inventors: **Christopher Scott Skipper**, Sydney (AU); **Stephen Gray**, Sydney (AU); **Andrew Hung**, Sydney (AU); **Robert Thomas Burnham**, Sydney (AU); **Amal Shirley Amarasinghe**, Sydney (AU); **Ian James Matthews**, Sydney (AU); **Justin John Formica**, Sydney (AU); **Jessica Lea Dunn**, Sydney (AU)
- (73) Assignee: **ResMed Pty Ltd**, Bella Vista (AU)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/700,678**
- (22) Filed: **Aug. 5, 2019**

**Related U.S. Application Data**

- (60) Continuation of application No. 29/631,231, filed on Dec. 28, 2017, now Pat. No. Des. 855,794, which is (Continued)
- (51) **LOC (14) Cl.** ..... **29-02**
- (52) **U.S. Cl.**  
USPC ..... **D24/110.1; D24/110.3**
- (58) **Field of Classification Search**  
USPC ..... **D24/110-110.6, 127, 129; D29/110**  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 6,422,238 B1 7/2002 Lithgow
  - 6,679,261 B2 1/2004 Lithgow
- (Continued)

**OTHER PUBLICATIONS**

Gray et al., U.S. Appl. No. 29/631,231, filed Dec. 28, 2017 for "Elbow Module For a Patient Interface," (parent application).

*Primary Examiner* — Richard Kearney  
*Assistant Examiner* — Michael Hoffman  
(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

(57) **CLAIM**

The ornamental design for a shroud module for a patient interface, as shown and described.

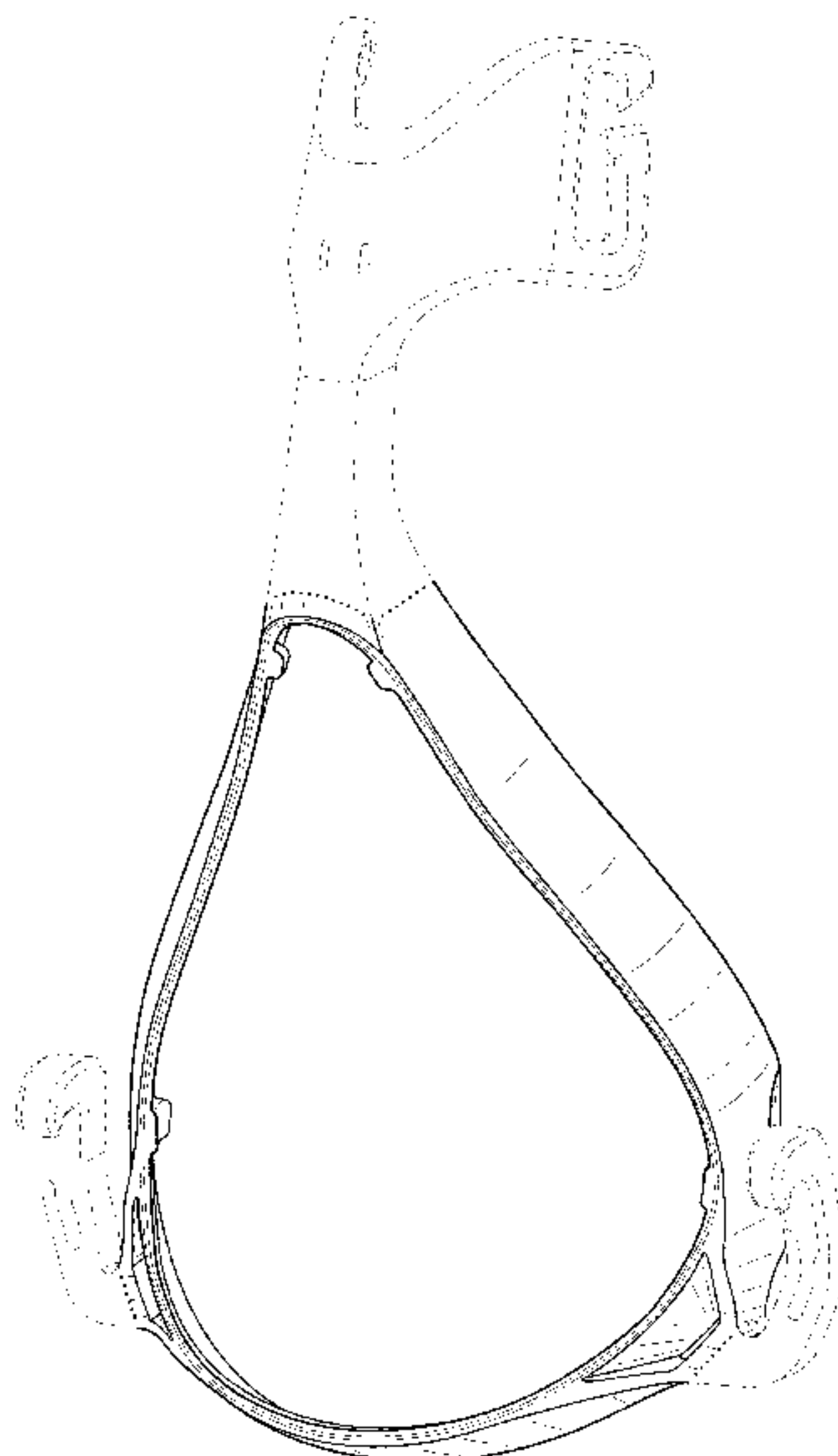
**DESCRIPTION**

FIG. 1 is a front perspective view of a shroud module for a patient interface according to a first embodiment of our new ornamental design;  
 FIG. 2 is a front view thereof;  
 FIG. 3 is a rear view thereof;  
 FIG. 4 is a top view thereof;  
 FIG. 5 is a bottom view thereof;  
 FIG. 6 is a right side view thereof;  
 FIG. 7 is a left side view thereof;  
 FIG. 8 is a rear perspective view thereof;  
 FIG. 9 is a front perspective view of a shroud module for a patient interface according to a second embodiment of our new ornamental design;  
 FIG. 10 is a front view thereof;  
 FIG. 11 is a rear view thereof;  
 FIG. 12 is a top view thereof;  
 FIG. 13 is a bottom view thereof;  
 FIG. 14 is a right side view thereof;  
 FIG. 15 is a left side view thereof; and,  
 FIG. 16 is a rear perspective view thereof.

The broken (dash-dash) lines in the drawings depict portions of a shroud module for a patient interface that form no part of the claimed design.

The dotted lines represent the border between claimed and unclaimed subject matter and form no part of the claimed design.

**1 Claim, 14 Drawing Sheets**



**Related U.S. Application Data**

a continuation of application No. 29/609,731, filed on Jul. 5, 2017, now Pat. No. Des. 810,277, which is a continuation of application No. 29/577,378, filed on Sep. 13, 2016, now Pat. No. Des. 795,417, which is a division of application No. 29/538,127, filed on Sep. 1, 2015, now Pat. No. Des. 771,241, which is a division of application No. 29/451,049, filed on Mar. 27, 2013, now Pat. No. Des. 751,188.

(58) **Field of Classification Search**

CPC ..... A61M 16/00; A61M 16/0057; A61M 16/0066; A61M 16/06; A61M 16/0605; A61M 16/0616; A61M 16/0622; A61M 16/0633; A61M 16/0644; A61M 16/0666; A61M 16/0683; A61M 16/0688; A61M 16/08; A61M 16/0816; A61M 16/0825; A61M 16/0875; A61M 35/10; B63C 11/12; B63C 11/16; B63C 11/186; B63C 11/205

See application file for complete search history.

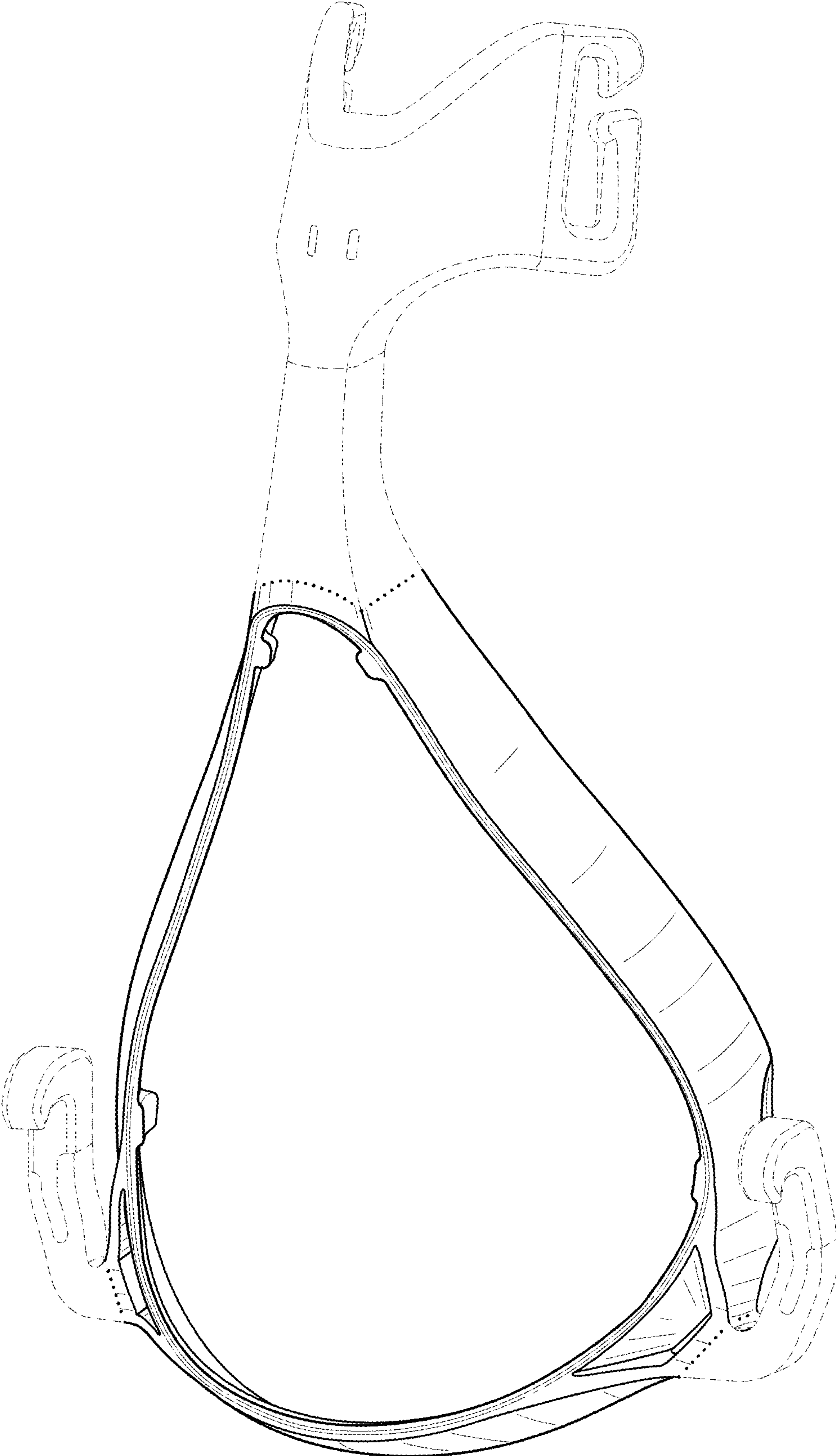
(56) **References Cited**

U.S. PATENT DOCUMENTS

7,188,620 B2 3/2007 Amarasinghe  
 D550,836 S 9/2007 Chandran  
 D558,333 S 12/2007 Hitchcock  
 D558,334 S 12/2007 Stallard  
 D564,089 S 3/2008 Chandran  
 D600,343 S 9/2009 Oegabriele  
 D612,482 S 3/2010 Oegabriele  
 D637,283 S 5/2011 Selvarajan  
 D652,913 S 1/2012 Selvarajan  
 D664,250 S 7/2012 Scheiner  
 D665,494 S 8/2012 Stallard  
 8,336,547 B1 12/2012 Ritchie  
 D678,999 S 3/2013 Selvarajan  
 D693,459 S 11/2013 Prentice et al.  
 D693,460 S 11/2013 Rothermel et al.  
 D693,462 S 11/2013 Rothermel et al.  
 D695,887 S 12/2013 Ozolins et al.  
 D706,413 S 6/2014 Veliss et al.  
 8,856,975 B2 10/2014 Lang  
 8,887,725 B2 11/2014 Hernandez  
 D740,934 S 10/2015 Formica  
 D740,935 S \* 10/2015 Cullen ..... D24/110.4  
 D751,188 S 3/2016 Amarasinghe et al.  
 D764,049 S 8/2016 Cullen  
 D767,755 S 9/2016 D'Souza  
 D769,440 S \* 10/2016 Amarasinghe ..... D24/110.4  
 D771,241 S 11/2016 Skipper et al.  
 9,492,627 B2 11/2016 Amarasinghe

9,539,403 B2 1/2017 Eves  
 D782,030 S 3/2017 Prentice  
 D782,655 S 3/2017 Blanch  
 D784,515 S 4/2017 Prentice  
 D785,161 S 4/2017 Dravitzki  
 9,687,620 B2 6/2017 Rothermel  
 D795,417 S 8/2017 Amarasinghe et al.  
 D797,277 S \* 9/2017 Blanch ..... D24/110  
 D801,277 S 10/2017 Druscovich et al.  
 D808,008 S 1/2018 Burnham  
 D834,179 S \* 11/2018 Smith ..... D24/110.1  
 10,413,692 B2 \* 9/2019 Law ..... A61M 16/0616  
 D902,384 S \* 11/2020 Bornholdt ..... D24/110.1  
 D906,514 S \* 12/2020 Law ..... D24/110.4  
 D938,015 S \* 12/2021 Eves ..... D24/110.4  
 D944,388 S \* 2/2022 Law ..... D24/110.4  
 2002/0108613 A1 8/2002 Gunaratnam  
 2004/0112377 A1 6/2004 Amarasinghe  
 2006/0225740 A1 10/2006 Eaton et al.  
 2007/0221226 A1 9/2007 Hansen  
 2007/0272249 A1 11/2007 Chandran  
 2008/0066757 A1 3/2008 Stallard  
 2008/0110466 A1 5/2008 Armitstead  
 2010/0236549 A1 9/2010 Selvarajan  
 2011/0197341 A1 8/2011 Formica  
 2011/0203591 A1 8/2011 Amarasinghe  
 2012/0138063 A1 6/2012 Eves  
 2012/0204881 A1 8/2012 Davidson  
 2013/0008448 A1 1/2013 Todd  
 2013/0133659 A1 5/2013 Ng  
 2013/0228173 A1 9/2013 Busch  
 2013/0324788 A1 12/2013 Holley et al.  
 2014/0026888 A1 1/2014 Matula et al.  
 2014/0083429 A1 3/2014 Rothermel et al.  
 2014/0150800 A1 6/2014 Zeijlstra et al.  
 2014/0190486 A1 7/2014 Dunn  
 2014/0261422 A1 9/2014 Lang  
 2014/0261427 A1 9/2014 Foote  
 2014/0261435 A1 9/2014 Rothermel  
 2014/0290663 A1 10/2014 Rothermel  
 2014/0311496 A1 10/2014 Rothermel  
 2015/0000671 A1 \* 1/2015 Frerichs ..... A61M 16/0633  
 29/428  
 2015/0128945 A1 \* 5/2015 Nickol ..... A61M 16/0622  
 128/204.23  
 2016/0067441 A1 3/2016 Bearne  
 2016/0082216 A1 3/2016 Lynch  
 2016/0220781 A1 8/2016 Arrowsmith  
 2016/0317771 A1 \* 11/2016 Klee ..... A61M 16/0622  
 2016/0325067 A1 11/2016 Harwood  
 2016/0354572 A1 12/2016 Lim  
 2017/0065786 A1 3/2017 Stephenson  
 2017/0239433 A1 8/2017 Martin  
 2018/0318539 A1 \* 11/2018 Scheiner ..... A61M 16/0683  
 2019/0125996 A1 \* 5/2019 Bentley ..... A61M 16/06

\* cited by examiner



**FIG. 1**



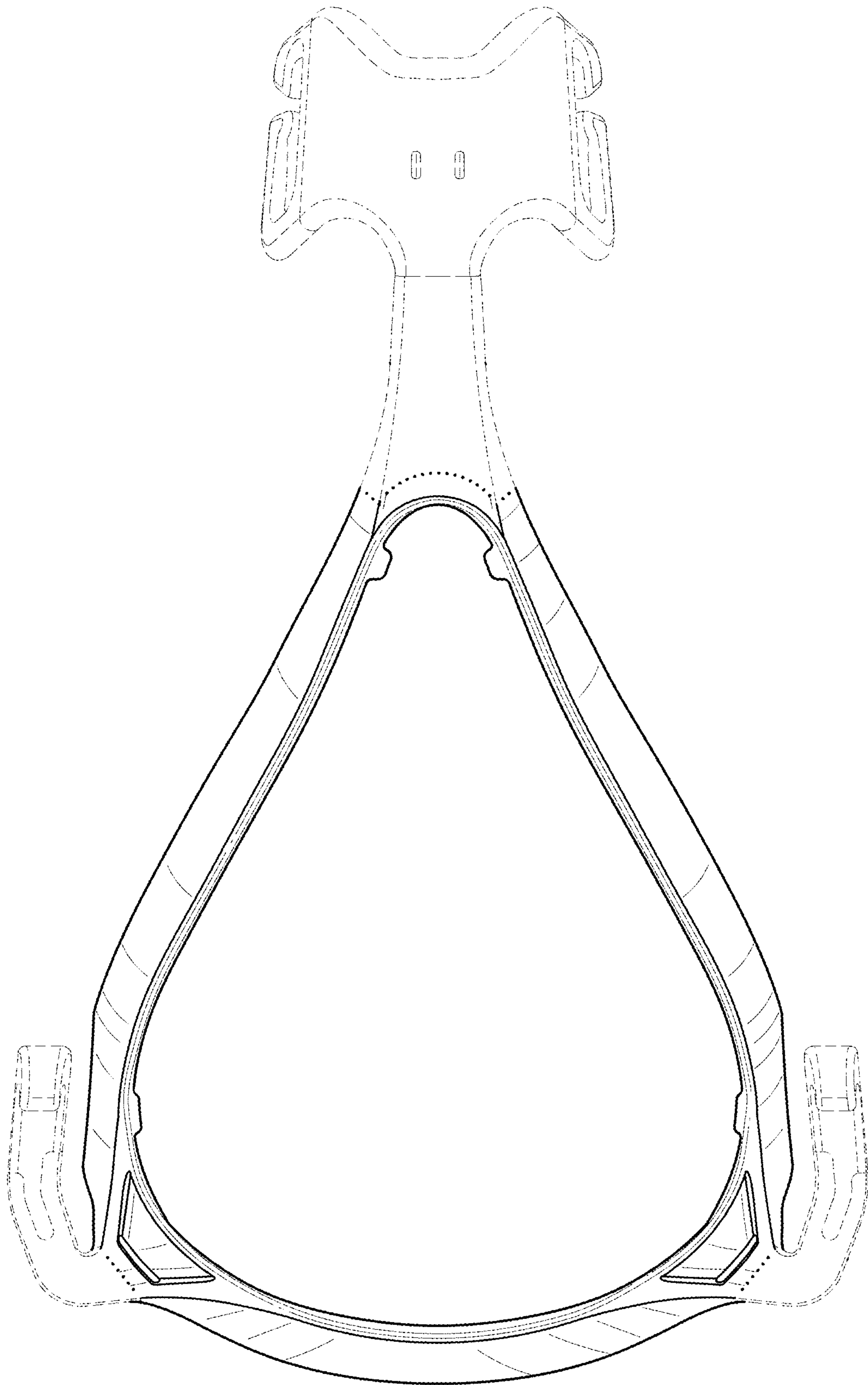


FIG. 2

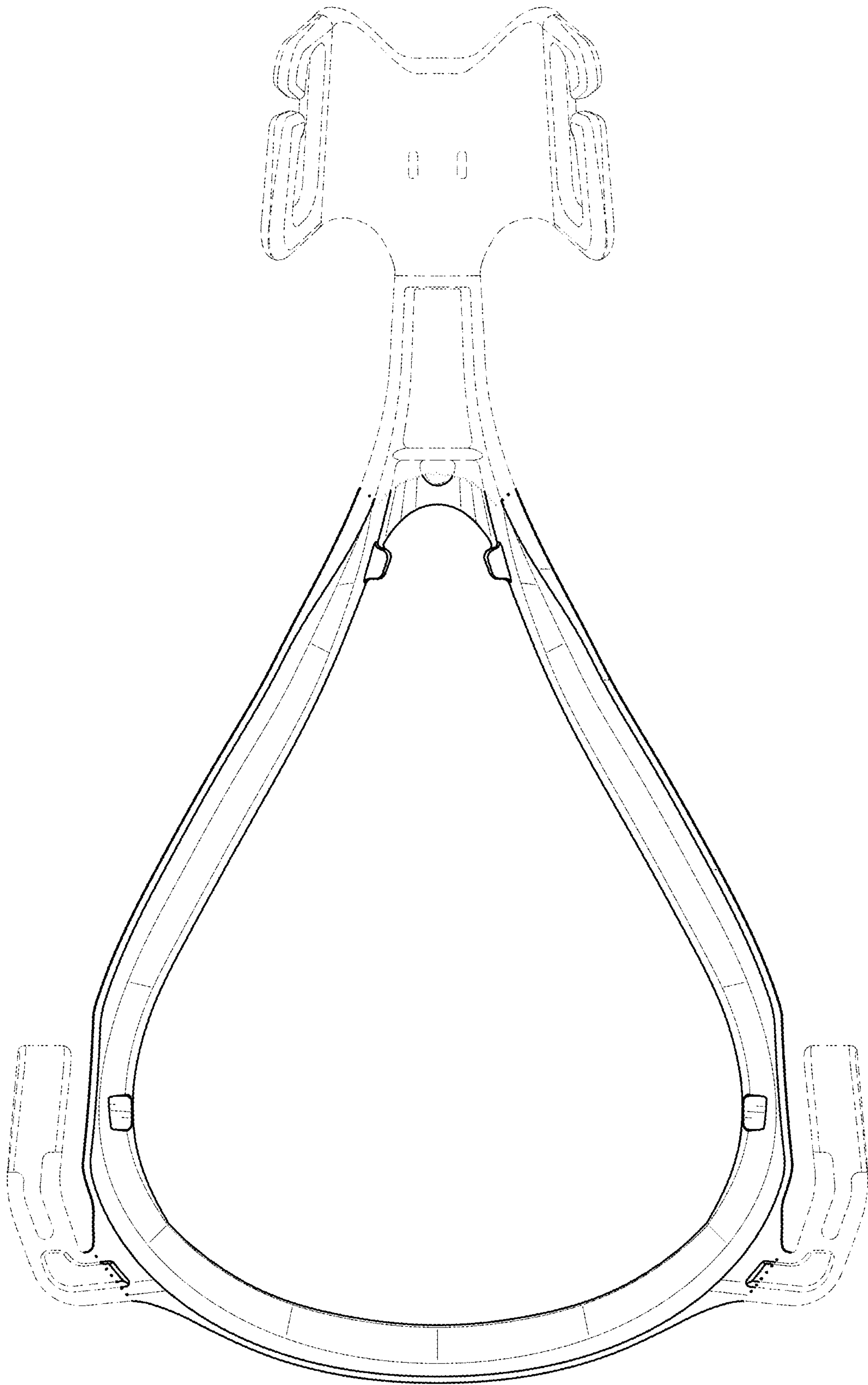
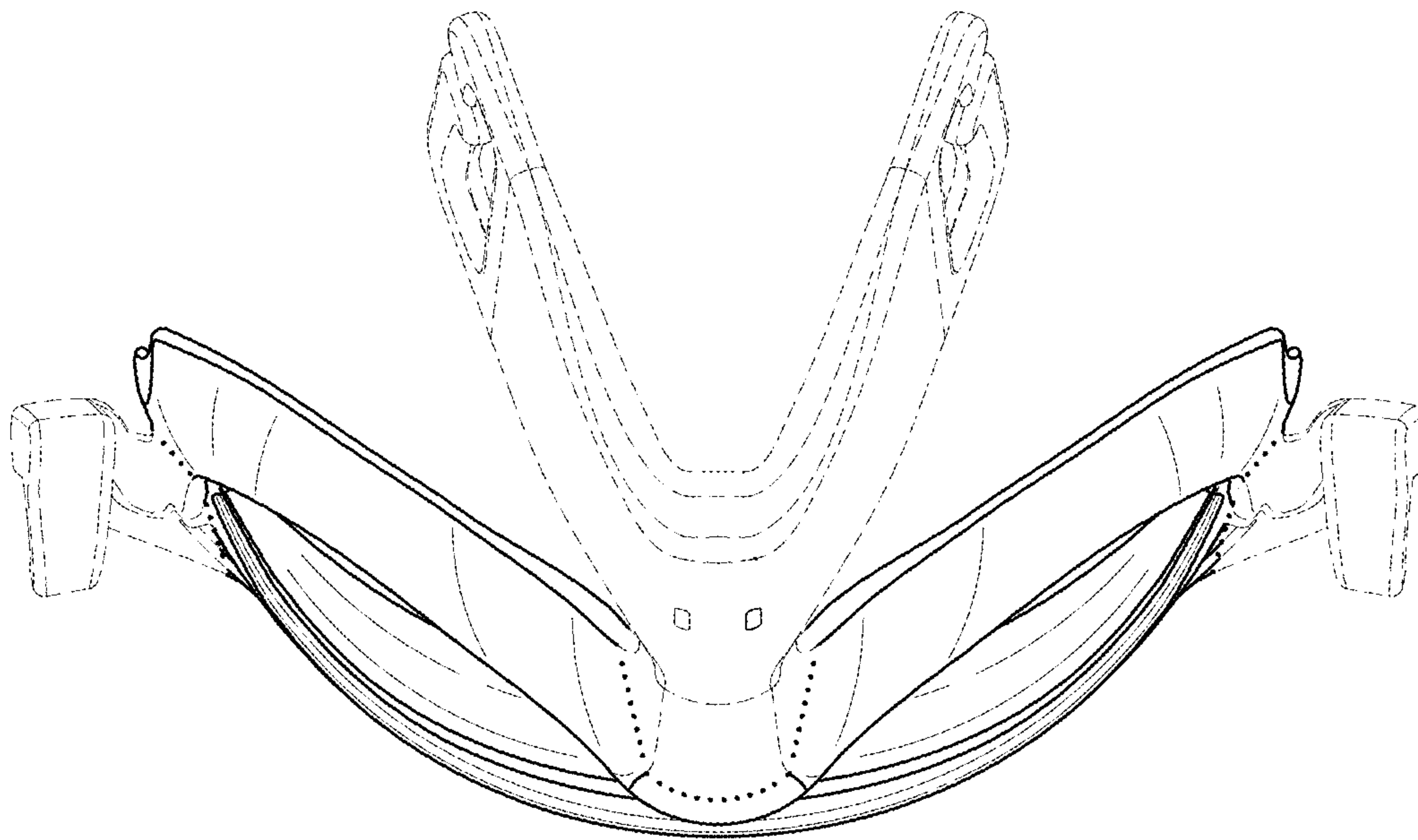
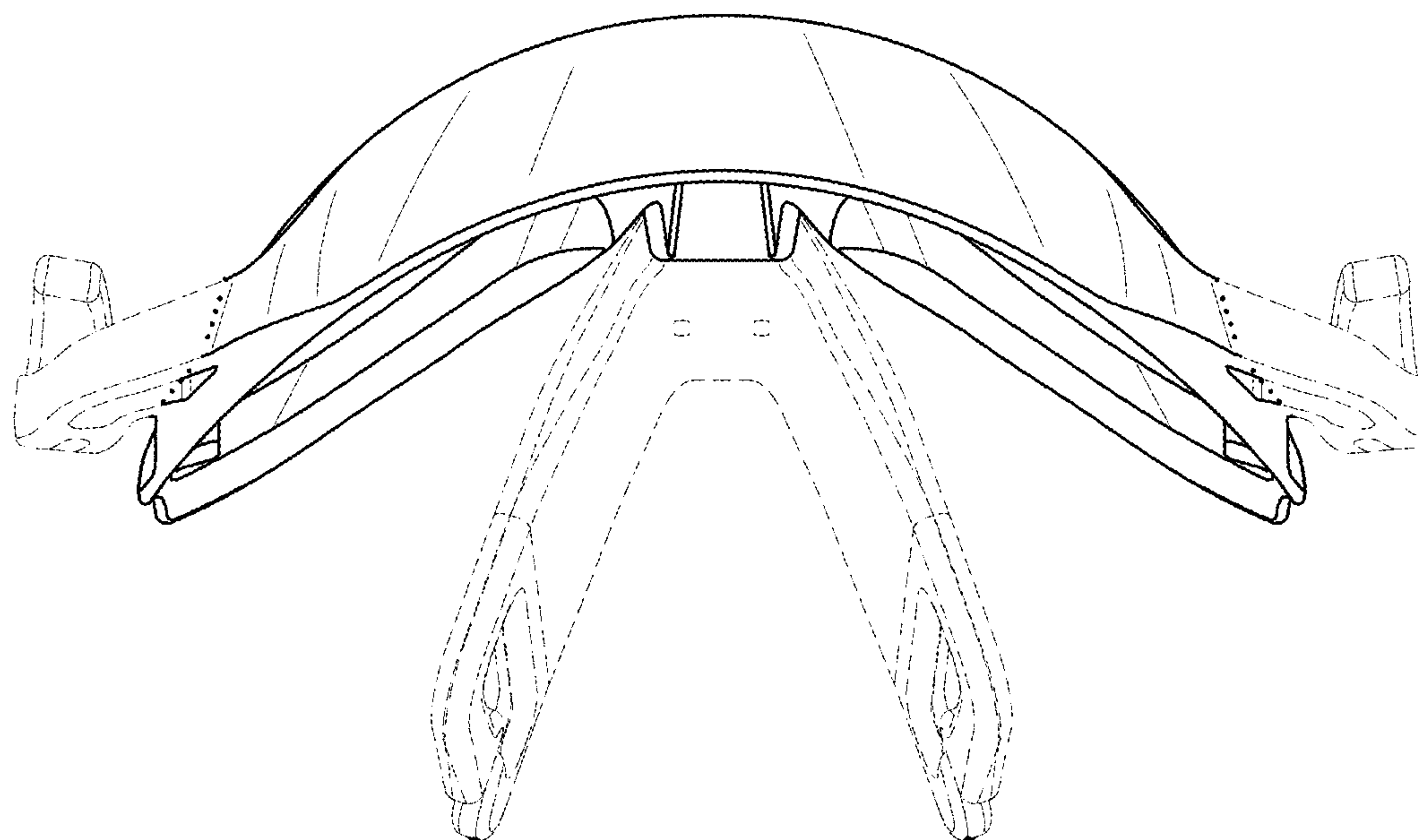


FIG. 3



**FIG. 4**



**FIG. 5**

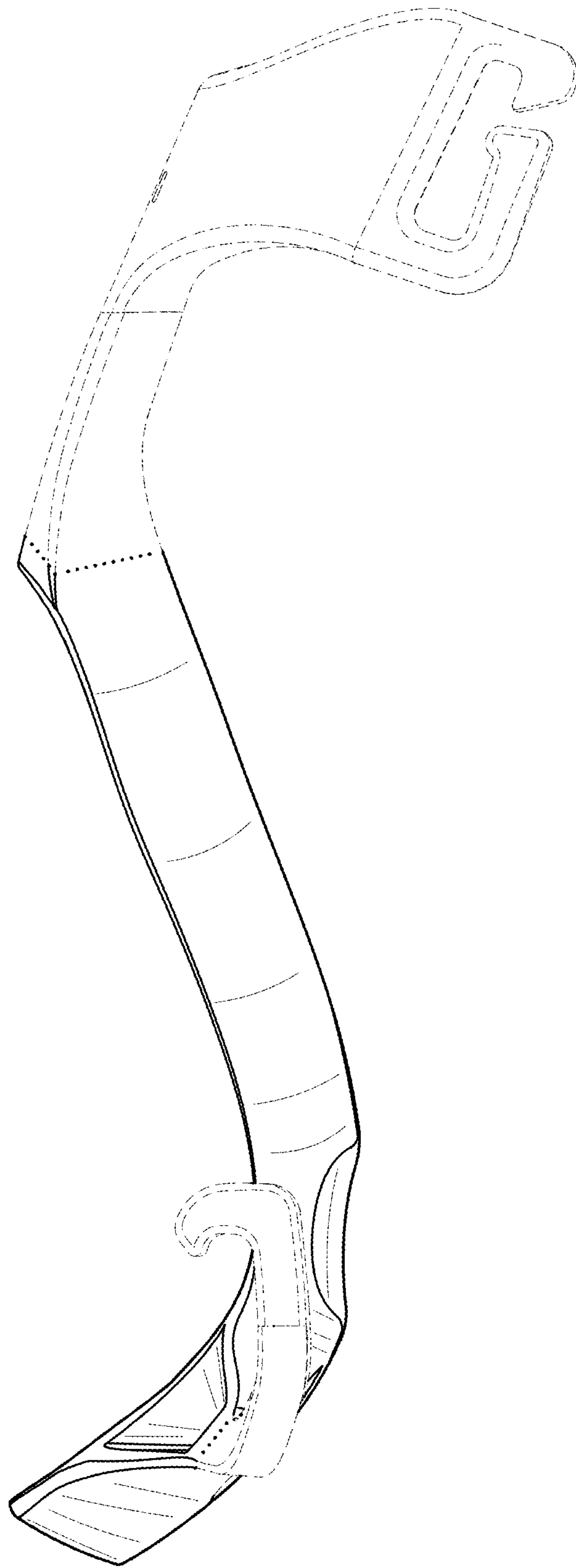


FIG. 6

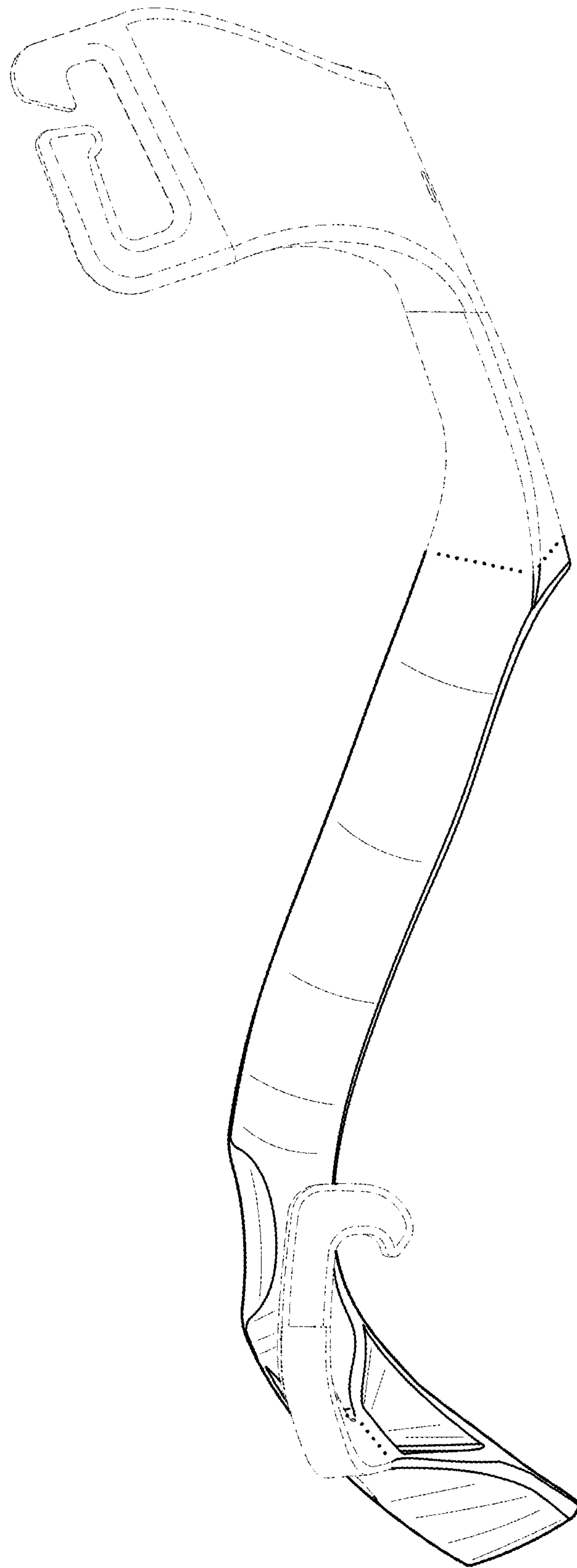
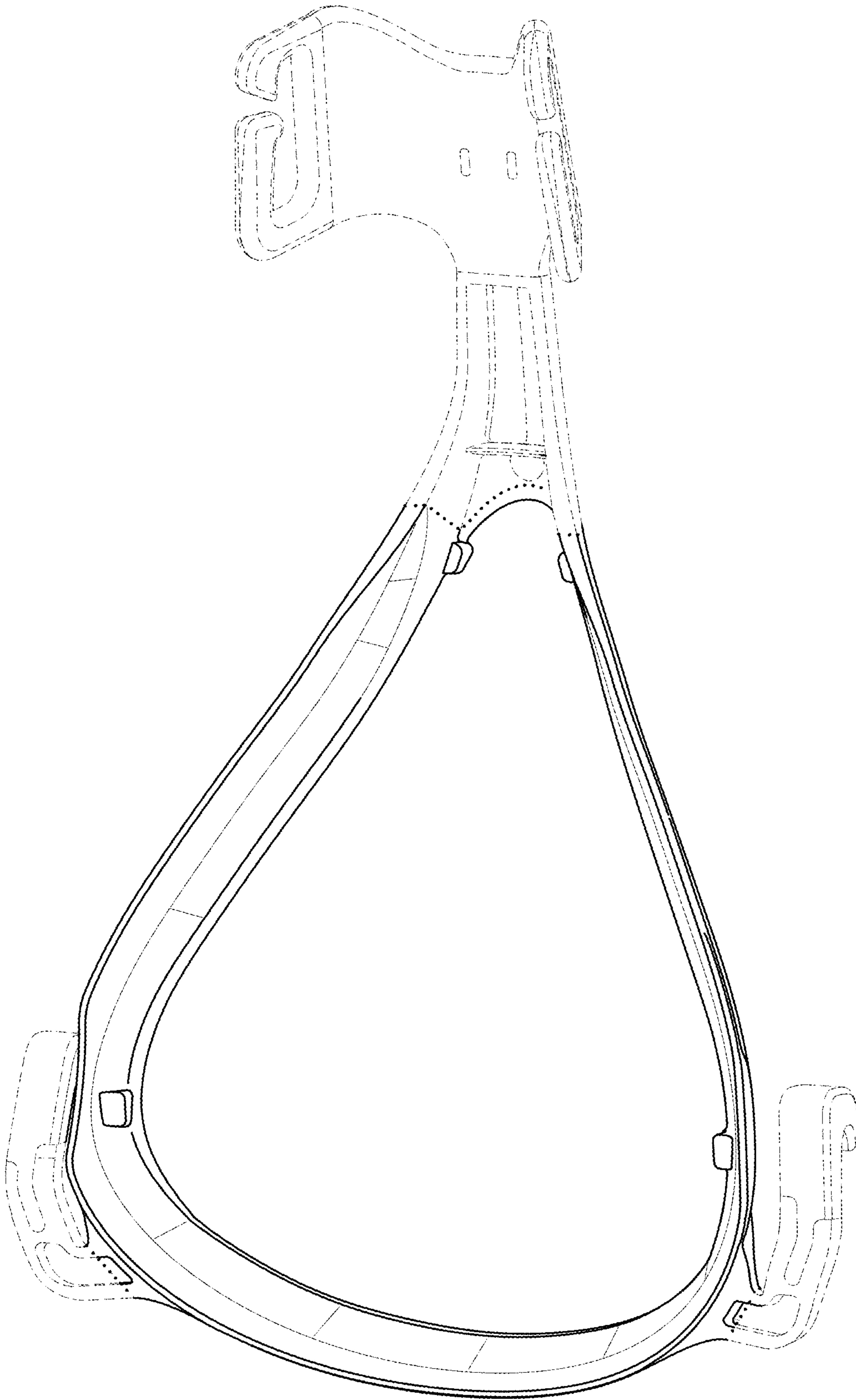


FIG. 7





**FIG. 8**

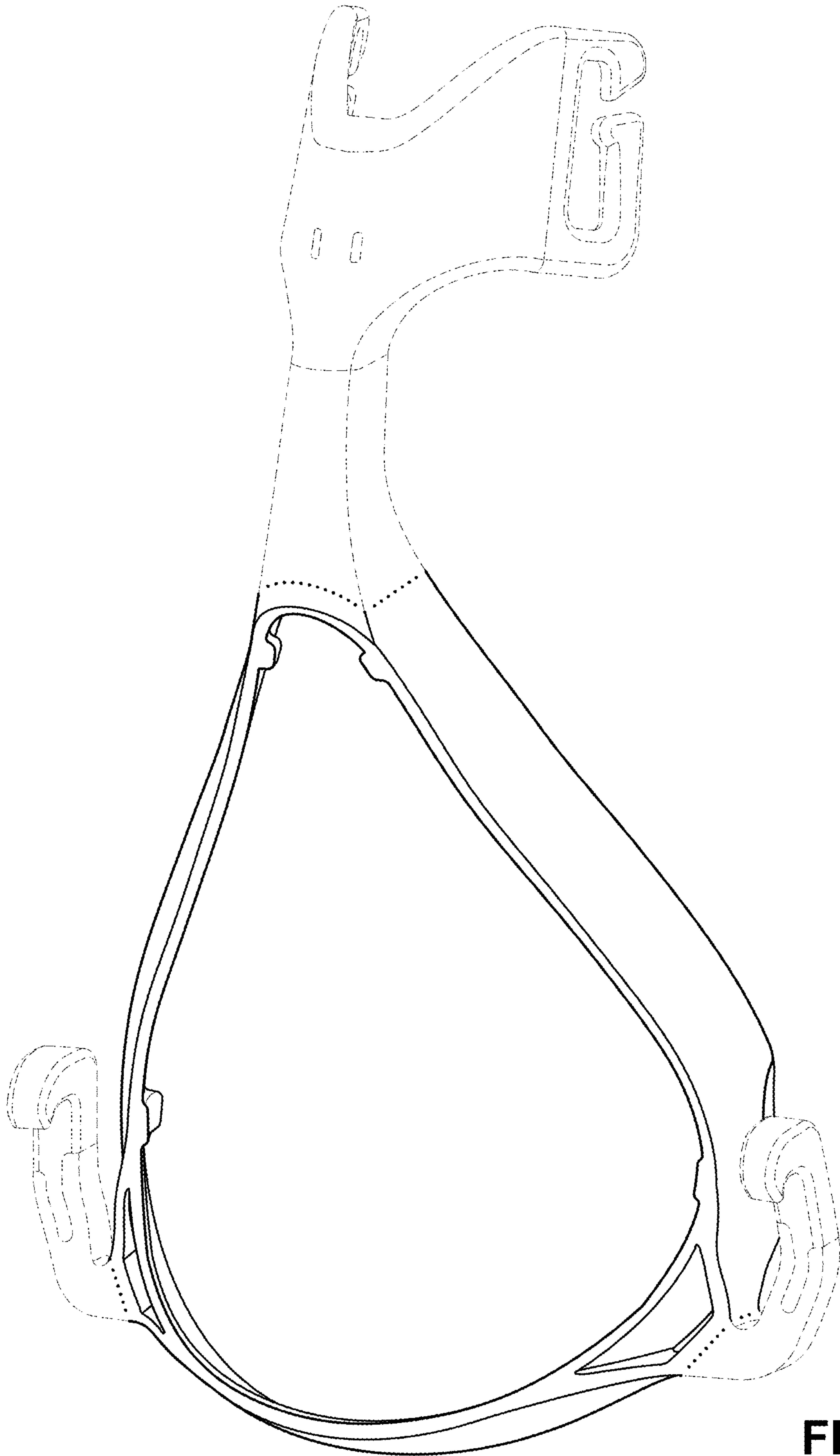


FIG. 9

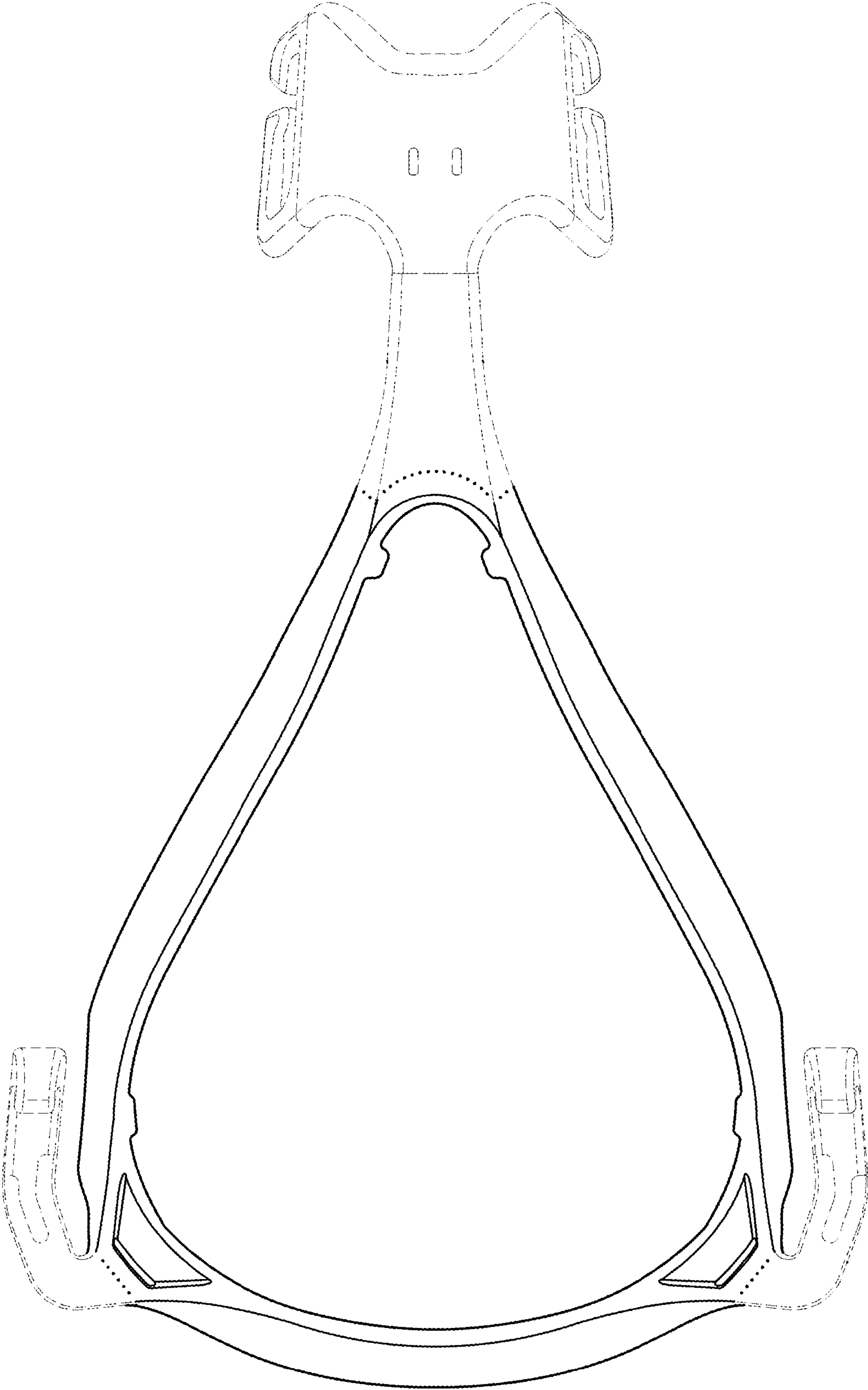


FIG. 10

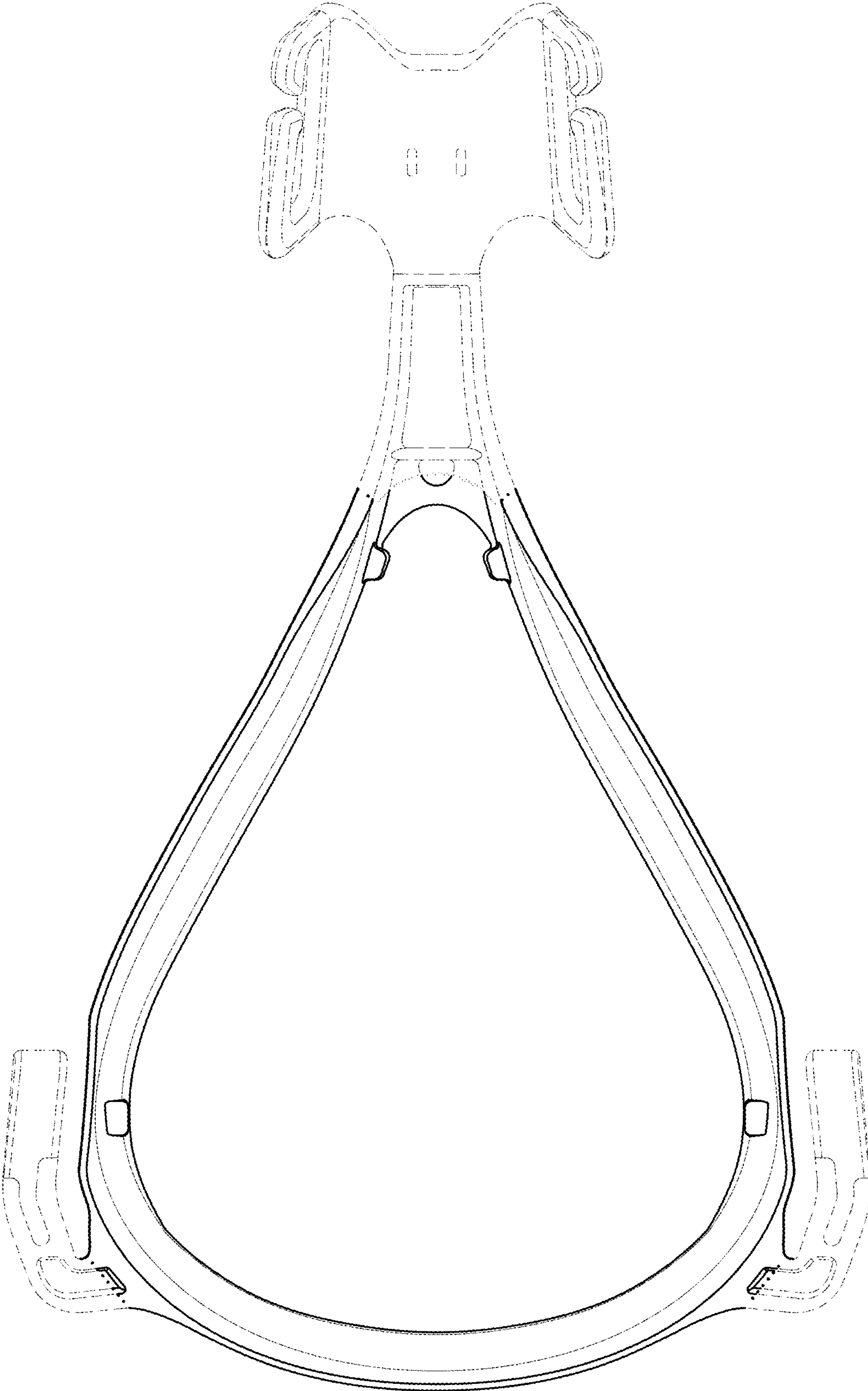
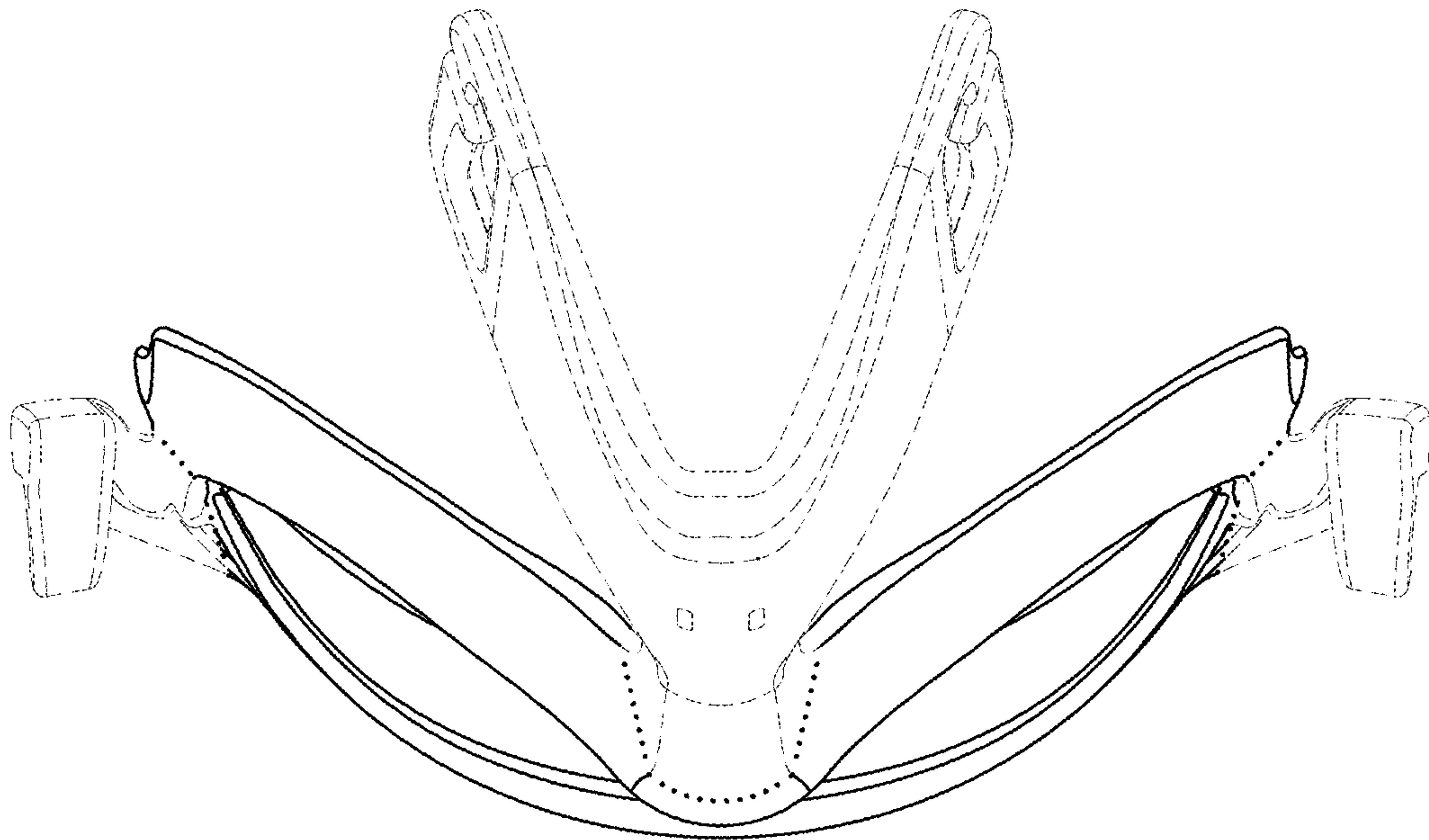
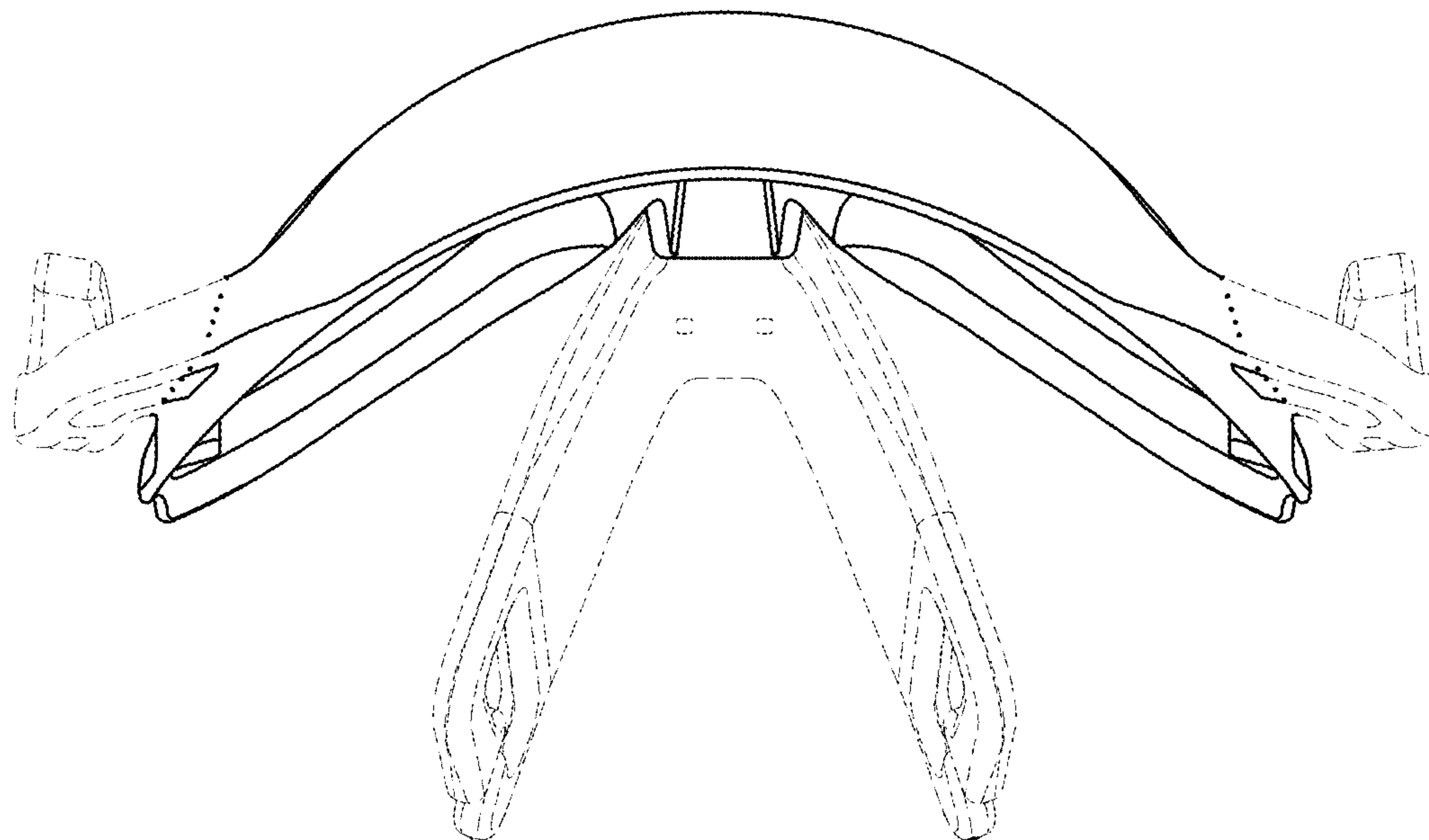


FIG. 11

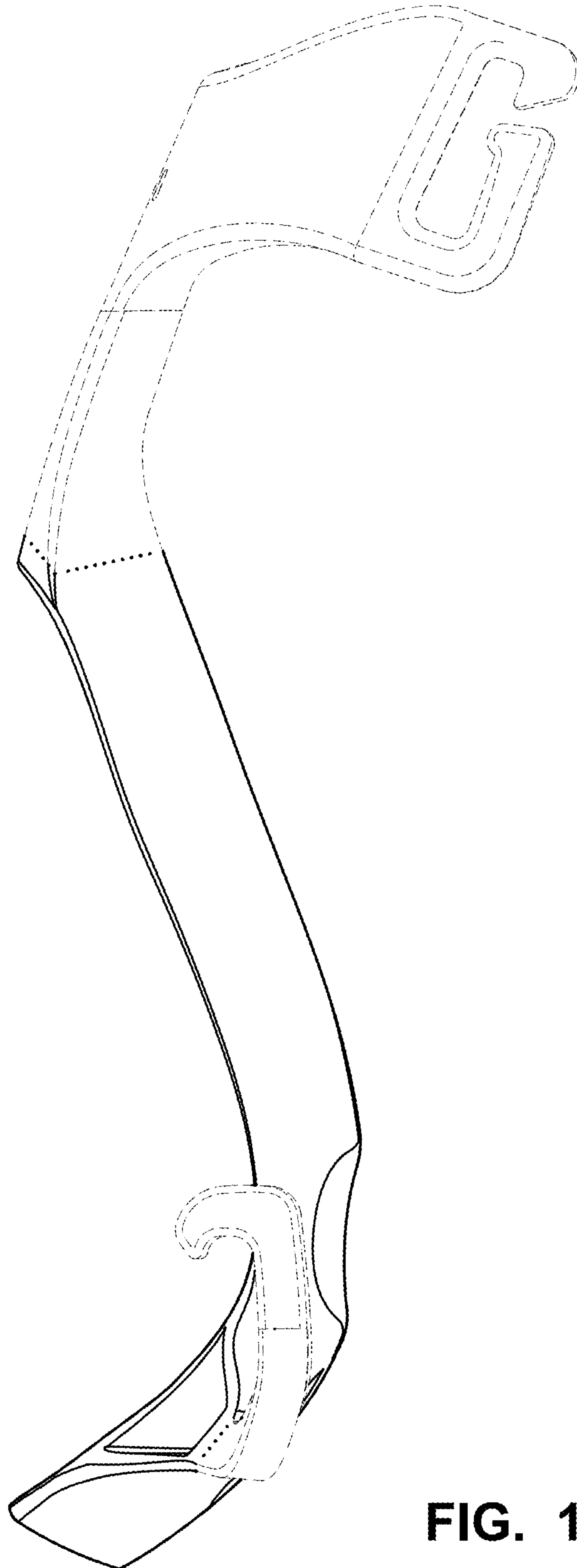




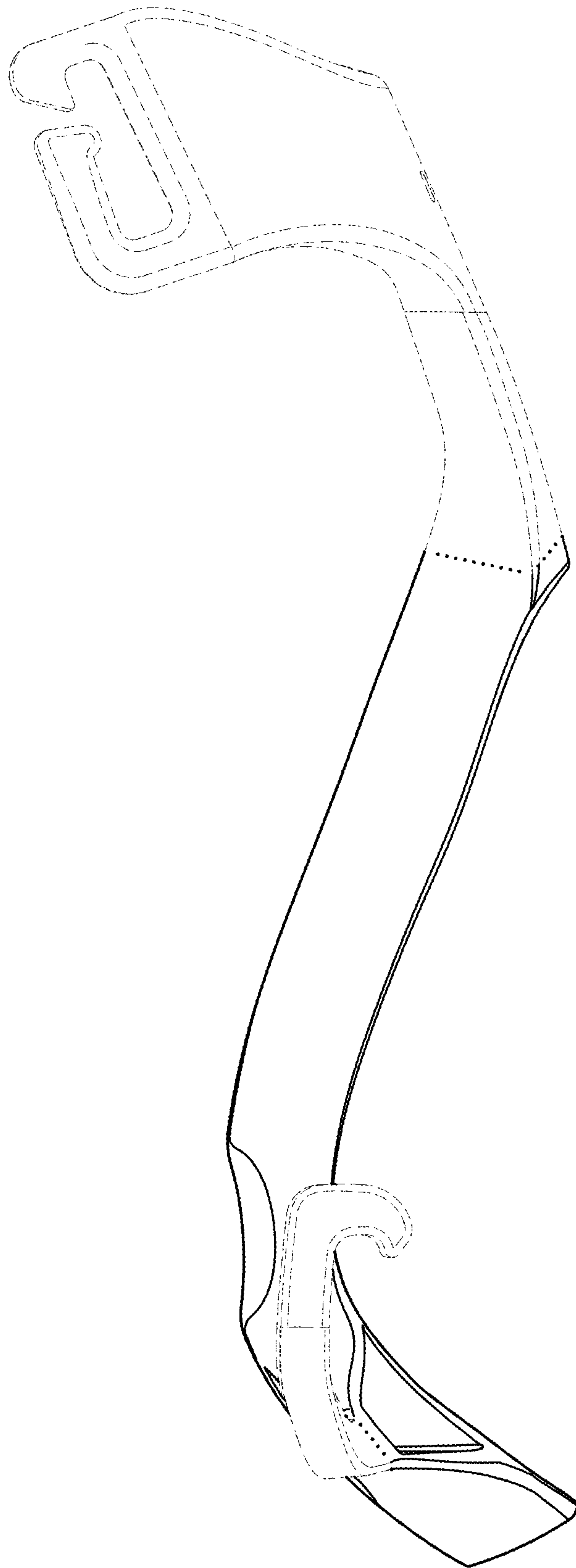
**FIG. 12**



**FIG. 13**



**FIG. 14**



**FIG. 15**

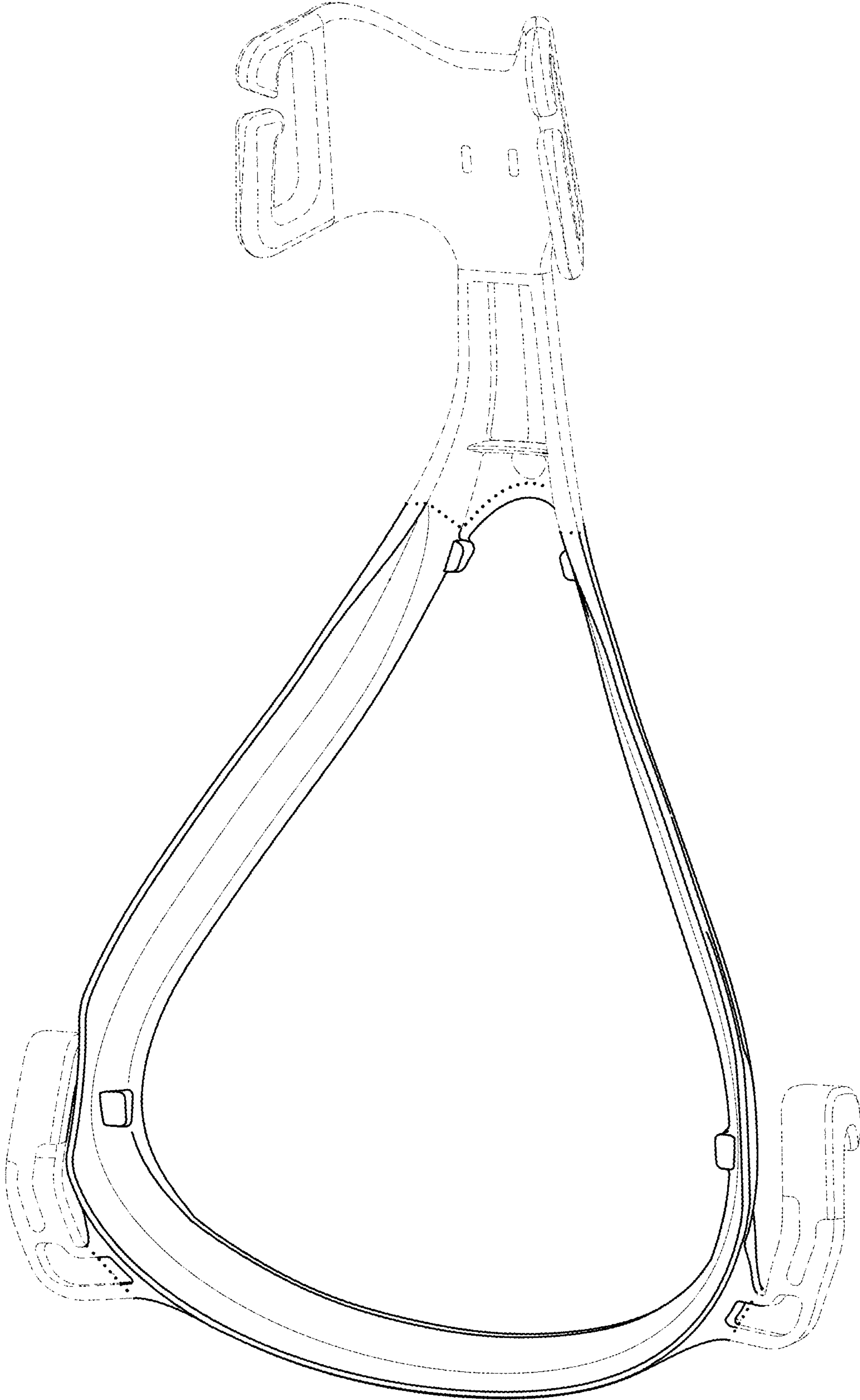


FIG. 16