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(12) **United States Design Patent**
Siew et al.

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(45) **Date of Patent:** **** Oct. 29, 2013**

(54) **PATIENT INTERFACE ASSEMBLY**

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(**) Term: **14 Years**

(21) Appl. No.: **29/401,231**

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(51) **LOC (9) Cl.** **29-02**

(52) **U.S. Cl.**
USPC **D24/110.4**; D24/110.1

(58) **Field of Classification Search**
USPC D24/110.1–110.5; 128/204.18–207.17
See application file for complete search history.

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Primary Examiner — Richard E Chilcot

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson & Bear, LLP.

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front perspective view of a patient interface which incorporates our design;
FIG. 2 is a rear perspective view of the patient interface of FIG. 1;
FIG. 3 is a top elevational view of the patient interface of FIG. 1;
FIG. 4 is a bottom elevational view of the patient interface of FIG. 1;
FIG. 5 is a left side elevational view of the patient interface of FIG. 1, the right side elevational view being a mirror image of the view of FIG. 5;
FIG. 6 is a front elevational view of the patient interface of FIG. 1;
FIG. 7 is a rear elevational view of the patient interface of FIG. 1;
FIG. 8 is a front perspective view of a seal of the patient interface of FIG. 1;
FIG. 9 is a rear perspective view of the seal of FIG. 8;
FIG. 10 is a front elevational view of the seal of FIG. 8;
FIG. 11 is a rear elevational view of the seal of FIG. 8;
FIG. 12 is a left side elevational view of the seal of FIG. 8, the right side elevational view being a mirror image of the view of FIG. 12;
FIG. 13 is a top elevational view of the seal of FIG. 8;
FIG. 14 is a bottom elevational view of the seal of FIG. 8;
FIG. 15 is a front perspective view of a frame assembly of the patient interface of FIG. 1;

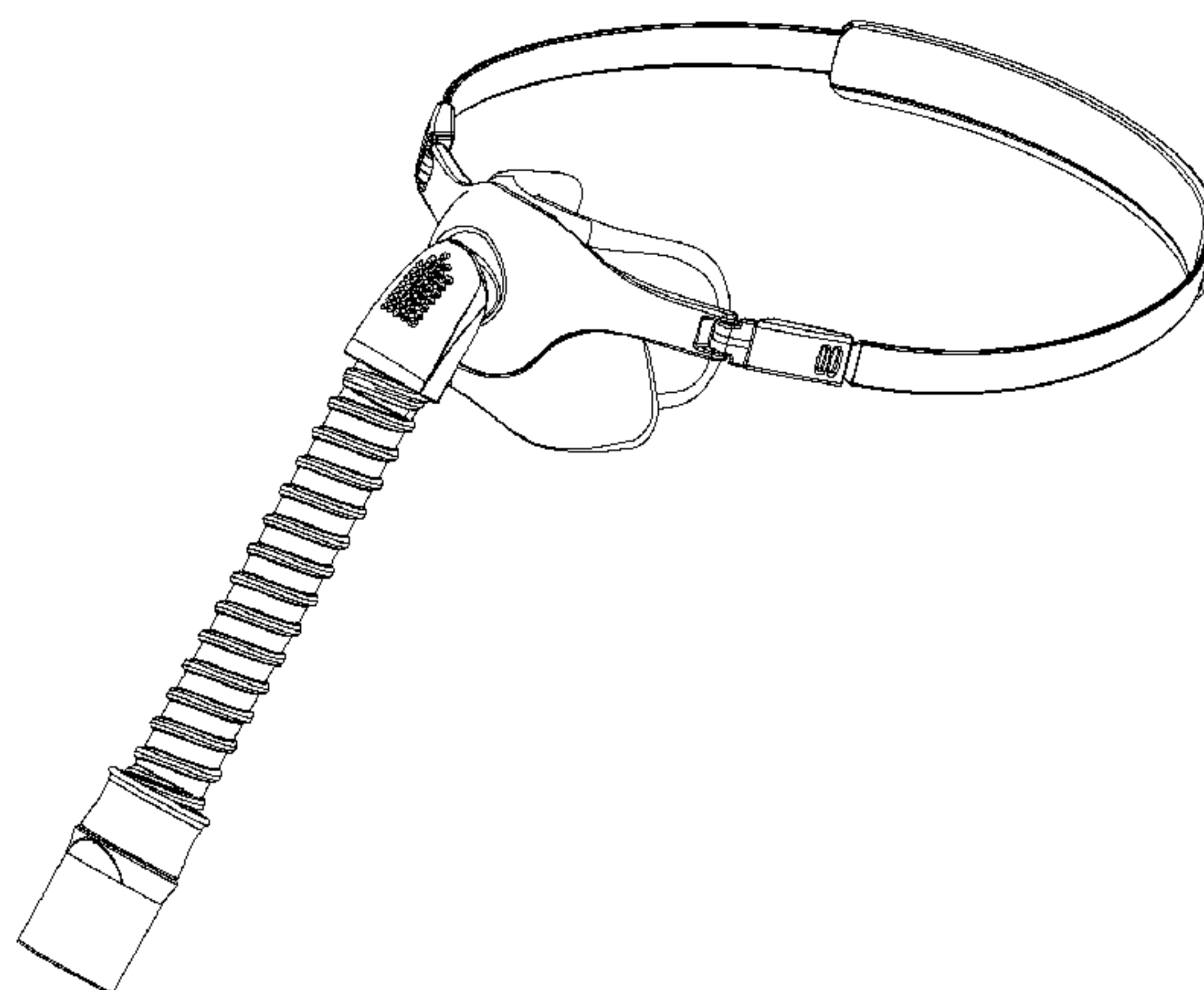


FIG. 16 is a rear perspective view of the frame assembly of FIG. 15;
 FIG. 17 is a top elevational view of the frame assembly of FIG. 15;
 FIG. 18 is a bottom elevational view of the frame assembly of FIG. 15;
 FIG. 19 is a left side elevational view of the frame assembly of FIG. 15, the right side elevational view being a mirror image of the view of FIG. 19;
 FIG. 20 is a front elevational view of the frame assembly of FIG. 15;
 FIG. 21 is a rear elevational view of the frame assembly of FIG. 15;
 FIG. 22 is a front perspective view of a cover of the frame assembly of FIG. 15;
 FIG. 23 is a rear perspective view of the cover of FIG. 22;
 FIG. 24 is a bottom elevational view of the cover of FIG. 22;
 FIG. 25 is a top elevational view of the cover of FIG. 22;
 FIG. 26 is a left side elevational view of the cover of FIG. 22, the right side elevational view being a mirror image of the view of FIG. 26;
 FIG. 27 is a front elevational view of the cover of FIG. 22;
 FIG. 28 is a rear elevational view of the cover of FIG. 22;
 FIG. 29 is a front perspective view of a frame component of the frame assembly of FIG. 15;
 FIG. 30 is a rear perspective view of the frame component of FIG. 29;
 FIG. 31 is a front elevational view of the frame component of FIG. 29;
 FIG. 32 is a rear elevational view of the frame component of FIG. 29;
 FIG. 33 is a left side elevational view of the frame component of FIG. 29, the right side elevational view being a mirror image of the view of FIG. 33;
 FIG. 34 is a top elevational view of the frame component of FIG. 29;
 FIG. 35 is a bottom elevational view of the frame component of FIG. 29;

FIG. 36 is a front perspective view of a headgear assembly of the patient interface of FIG. 1;
 FIG. 37 is a rear perspective view of the headgear assembly of FIG. 36;
 FIG. 38 is a top elevational view of the headgear assembly of FIG. 36;
 FIG. 39 is a bottom elevational view of the headgear assembly of FIG. 36;
 FIG. 40 is a left side elevational view of the headgear assembly of FIG. 36, the right side elevational view being a mirror image of the view of FIG. 40;
 FIG. 41 is a front elevational view of the headgear assembly of FIG. 36;
 FIG. 42 is a rear elevational view of the headgear assembly of FIG. 36;
 FIG. 43 is a right perspective view of a connector terminating the strap of the headgear assembly of FIG. 36;
 FIG. 44 is a left perspective view of the connector of FIG. 43;
 FIG. 45 is a top elevational view of the connector of FIG. 43;
 FIG. 46 is a bottom elevational view of the connector of FIG. 43;
 FIG. 47 is a left side elevational view of the connector of FIG. 43;
 FIG. 48 is a right side elevational view of the connector of FIG. 43;
 FIG. 49 is a front elevational view of the connector of FIG. 43;
 FIG. 50 is a rear elevational view of the connector of FIG. 43;
 FIG. 51 is a right side elevational view of the connector of FIG. 43 oriented to the horizontal plane;
 FIG. 52 is a left side elevational view of the connector of FIG. 51;
 FIG. 53 is a top elevational view of the connector of FIG. 51, the bottom elevational view being the mirror image of the view of FIG. 53;
 FIG. 54 is a front elevational view of the connector of FIG. 51;
 and,
 FIG. 55 is a rear plan view of the connector of FIG. 51.

1 Claim, 30 Drawing Sheets

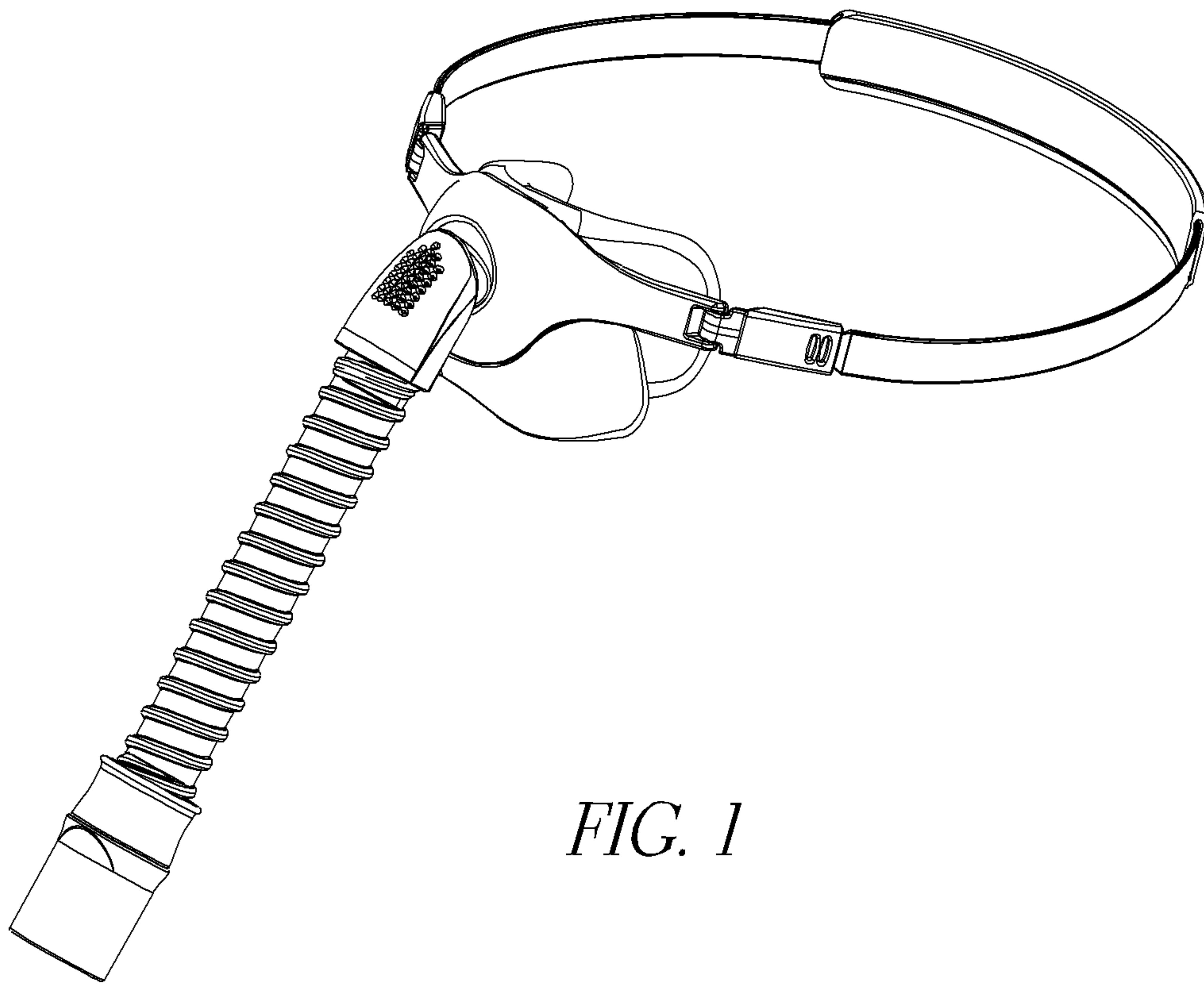


FIG. 1

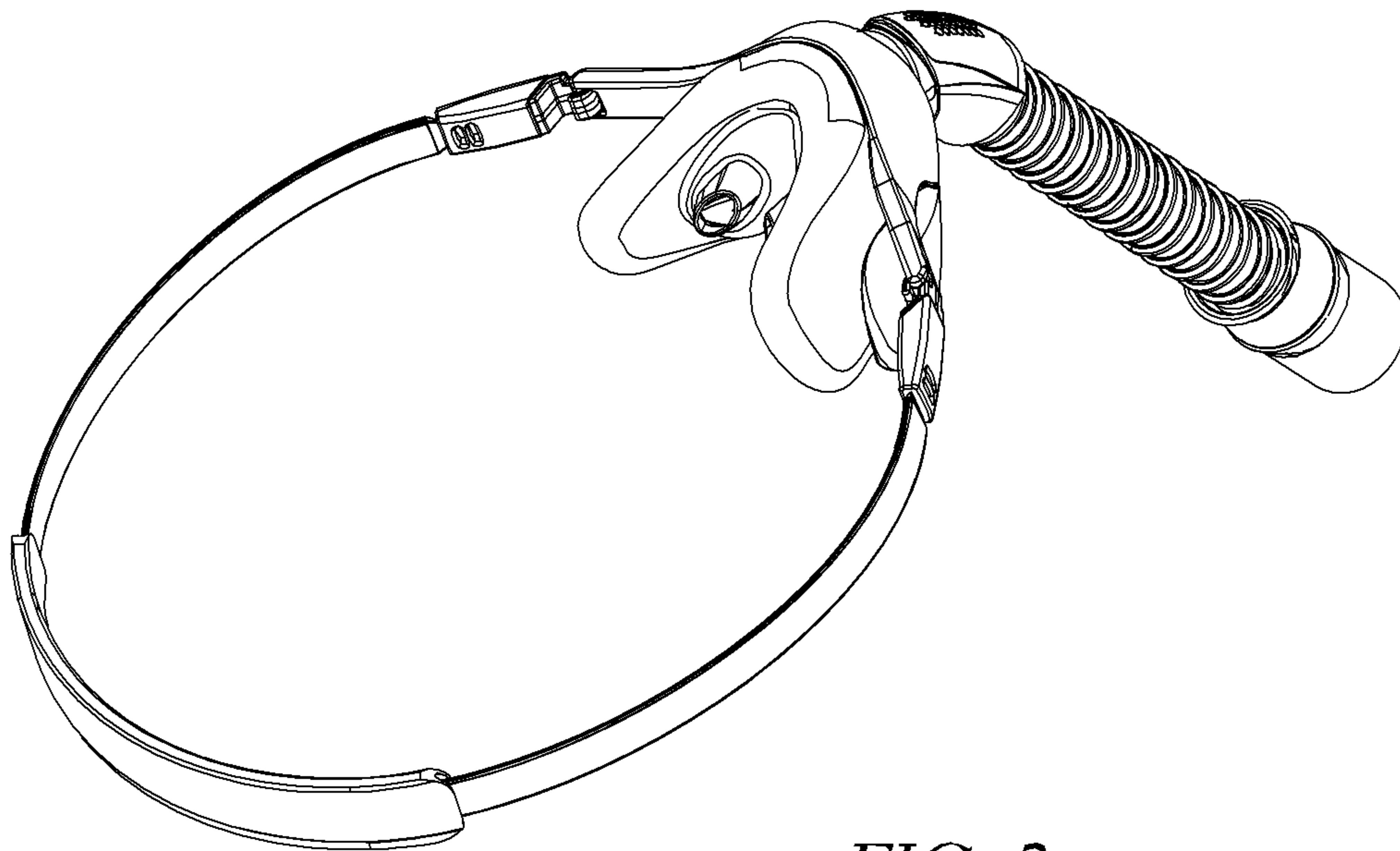


FIG. 2

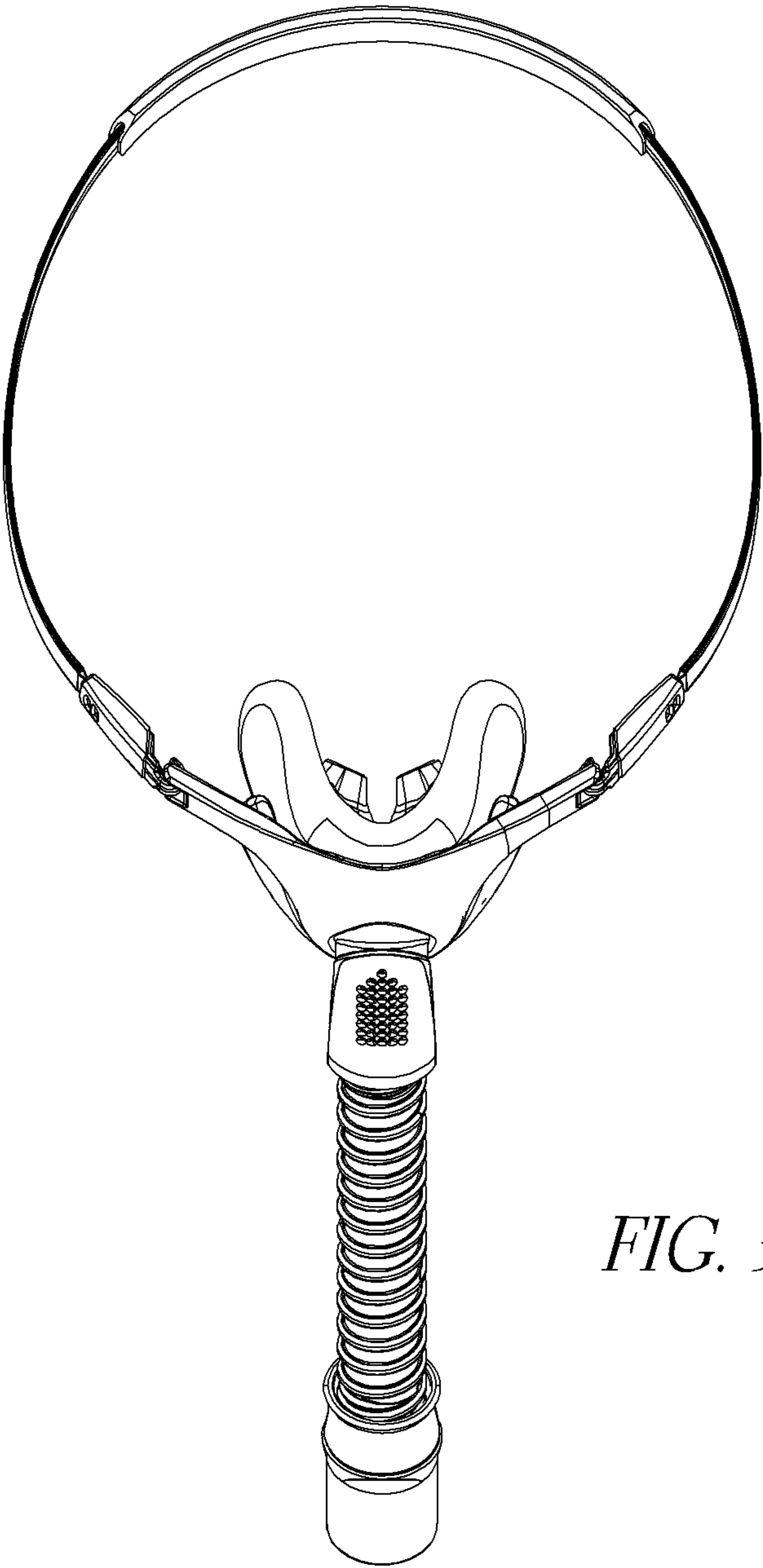


FIG. 3

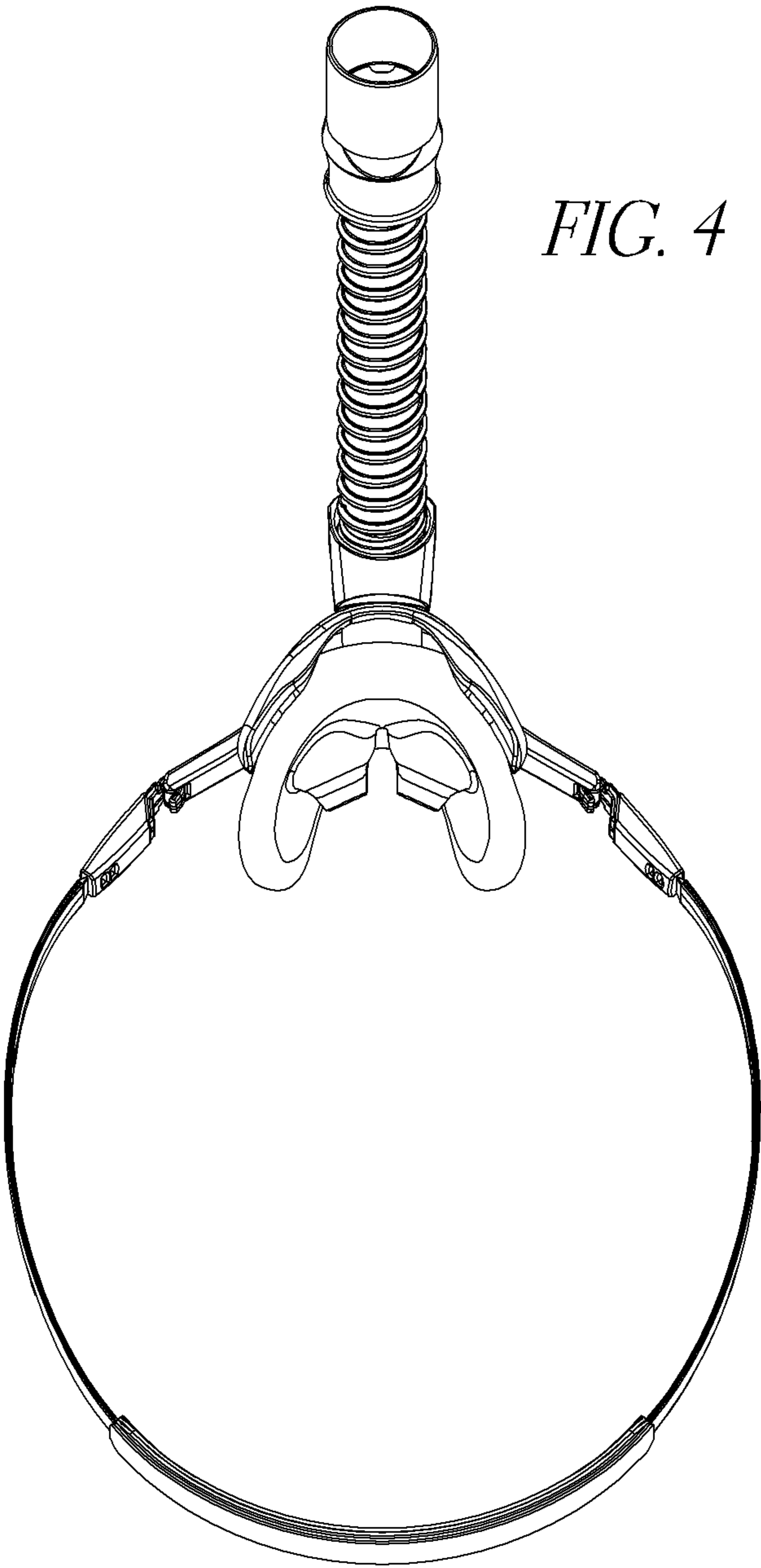


FIG. 4

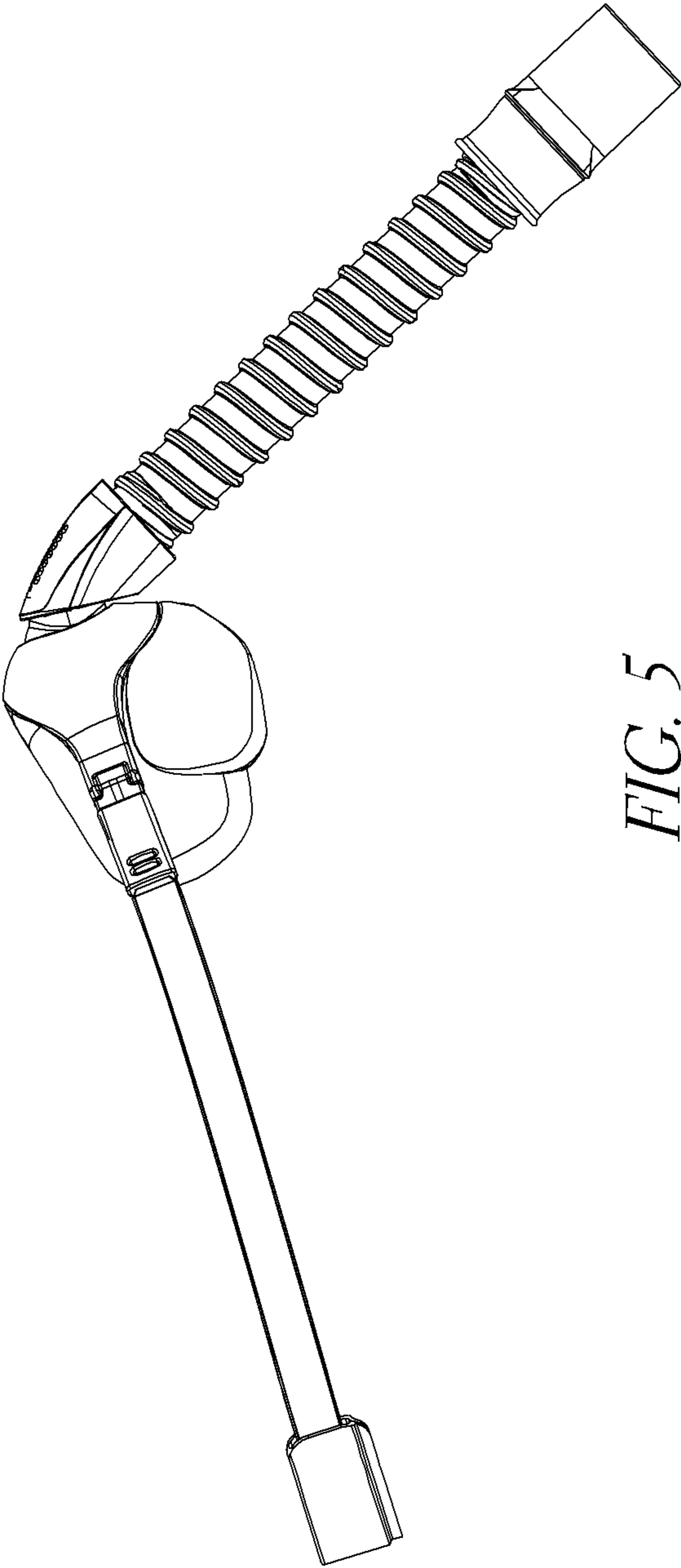


FIG. 5

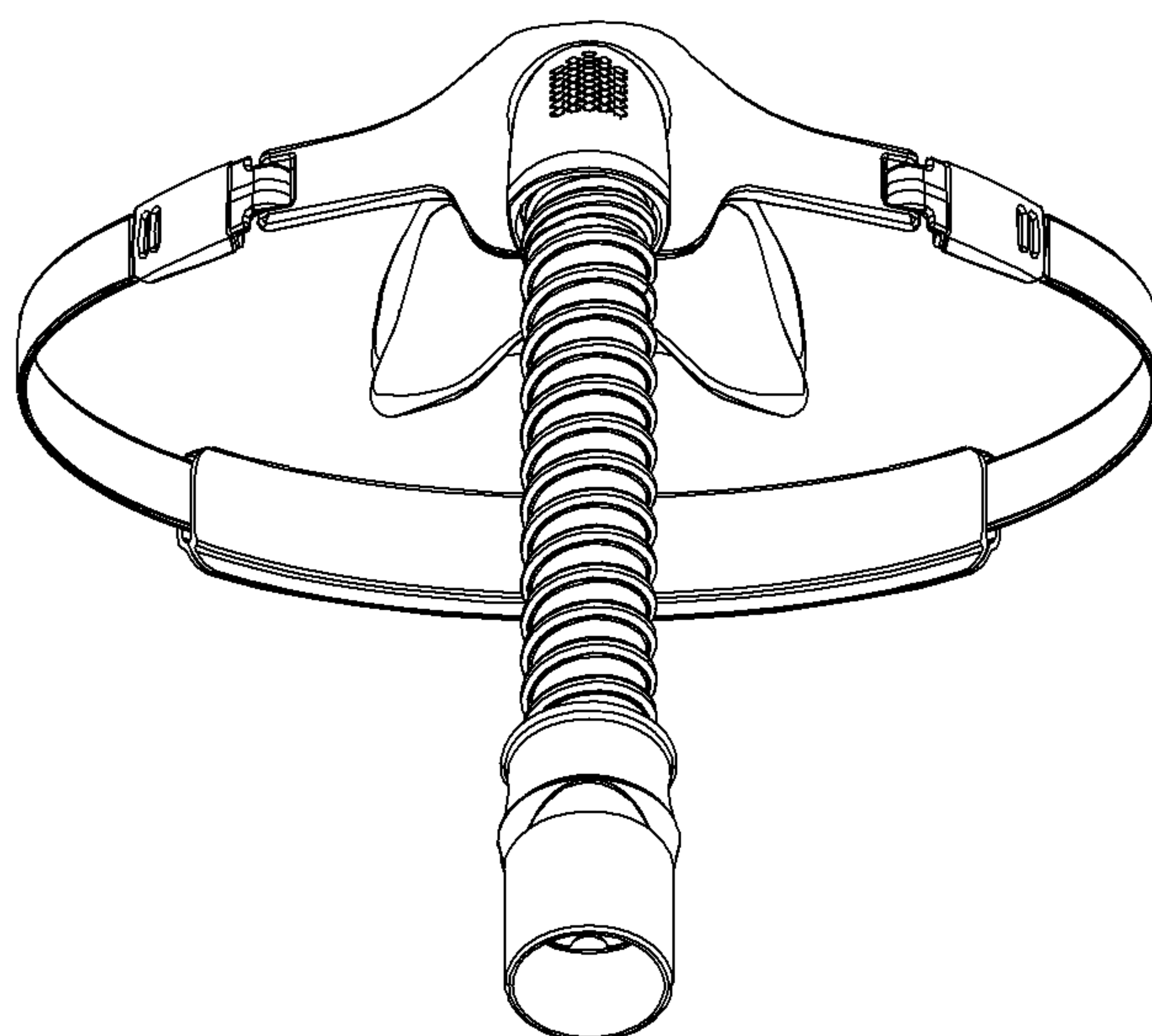


FIG. 6

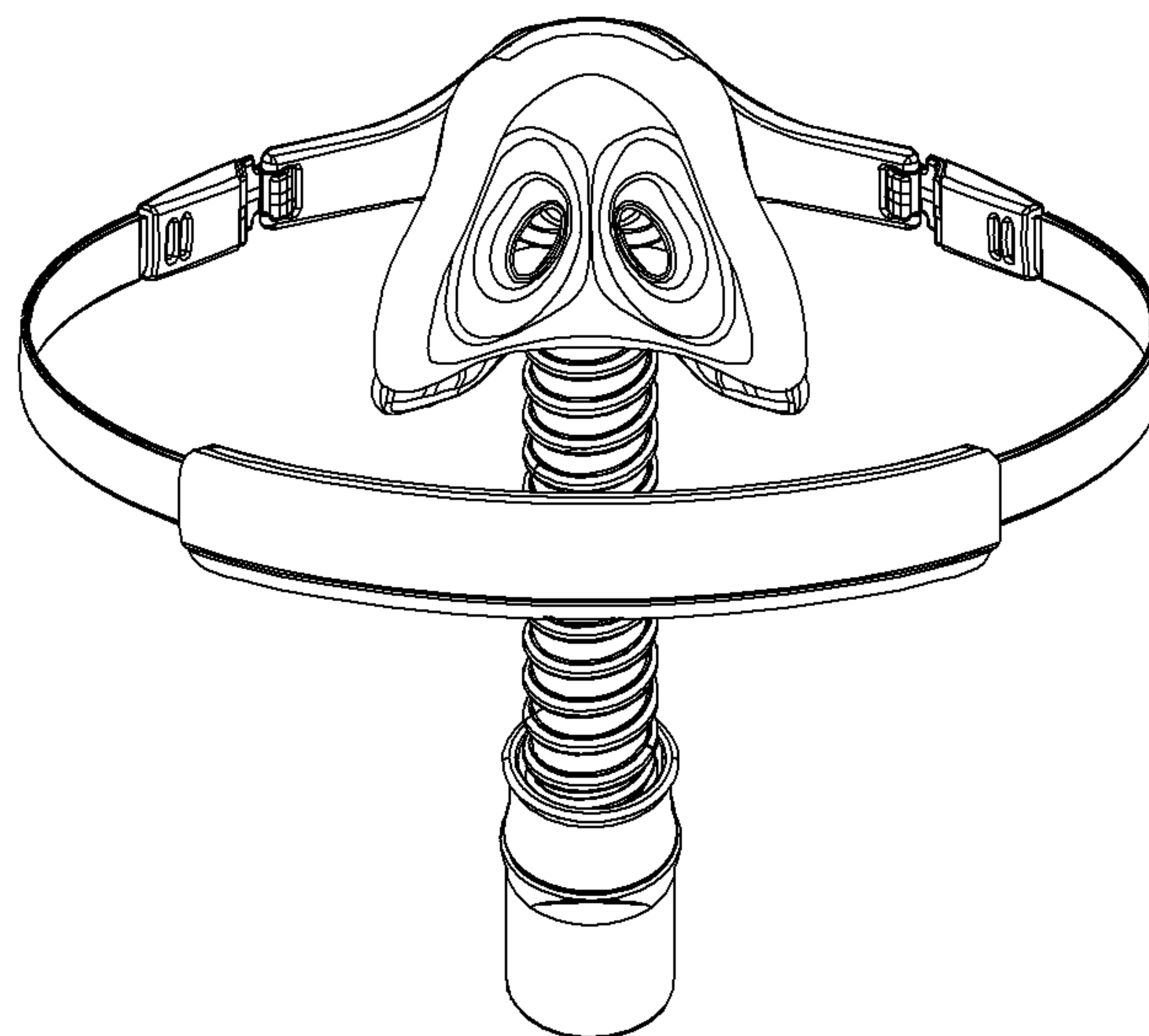


FIG. 7

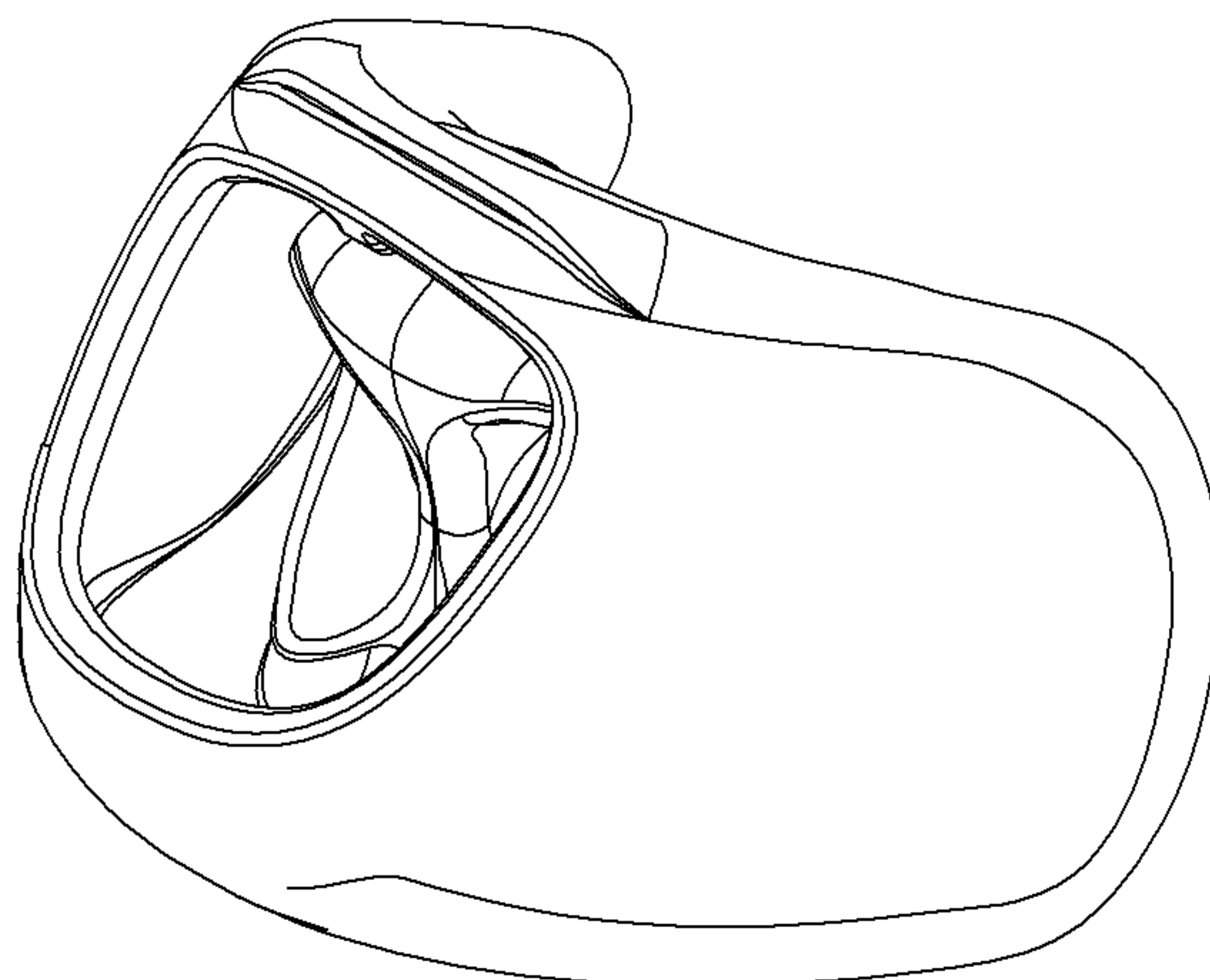


FIG. 8

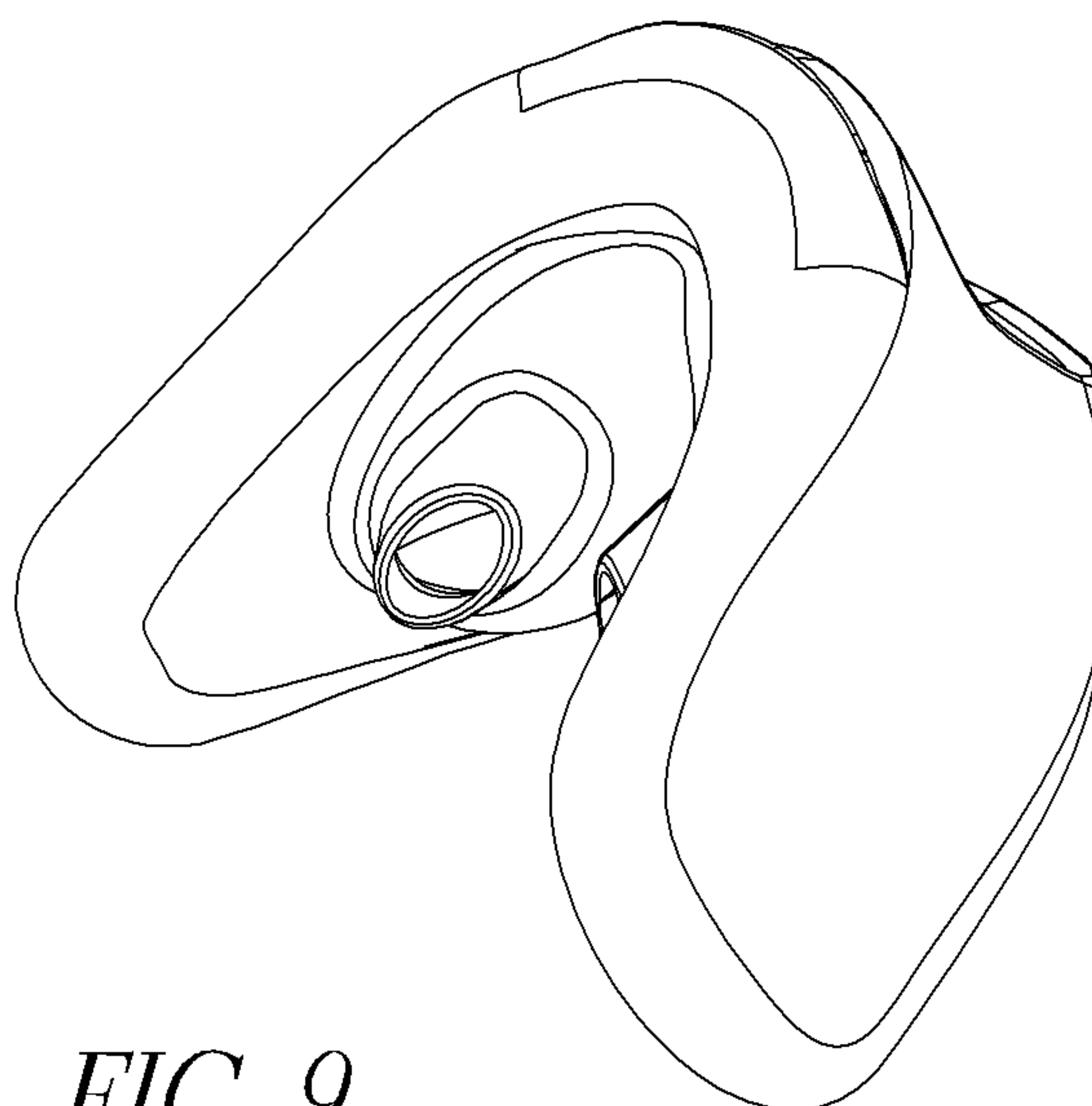


FIG. 9

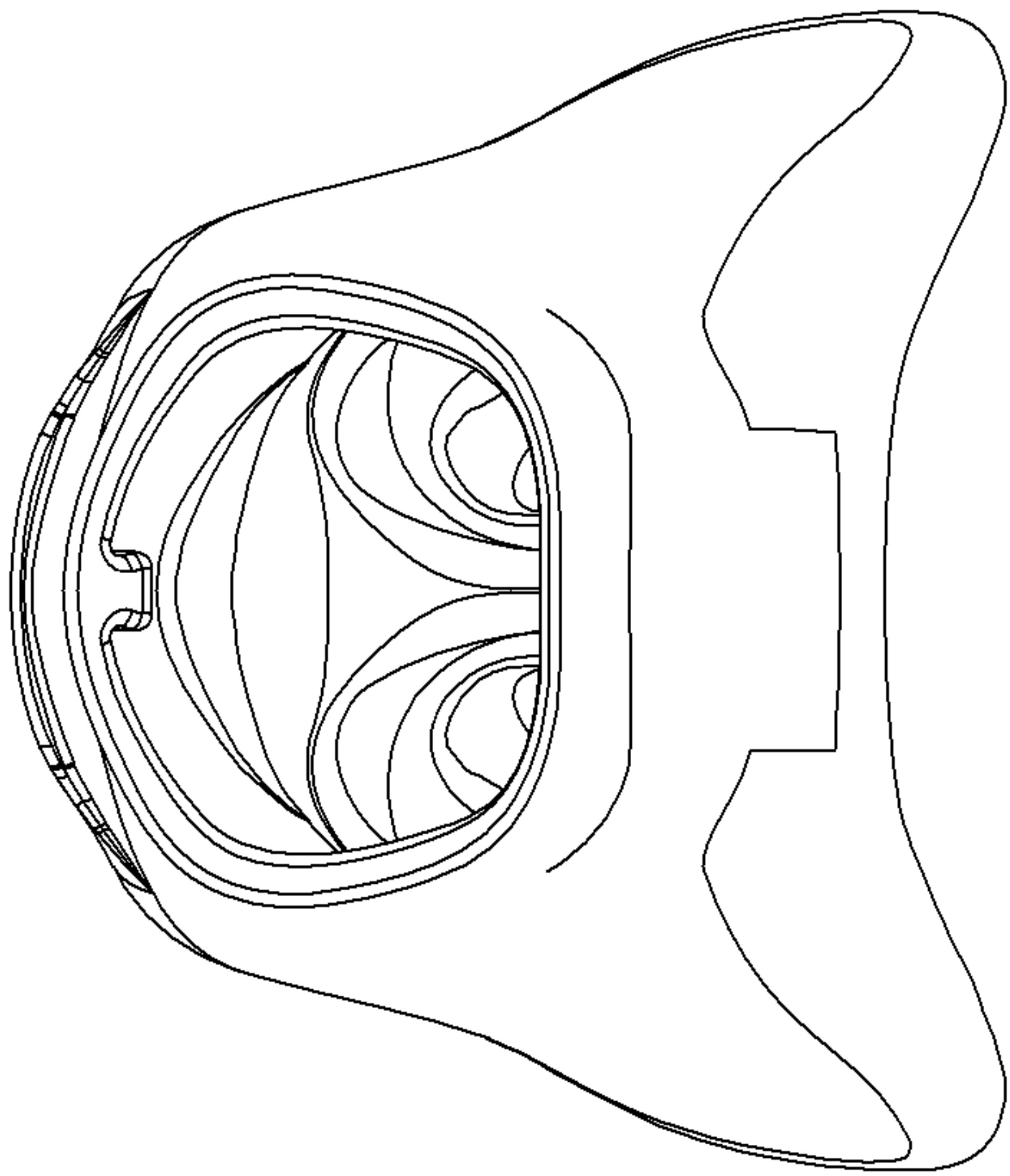


FIG. 10

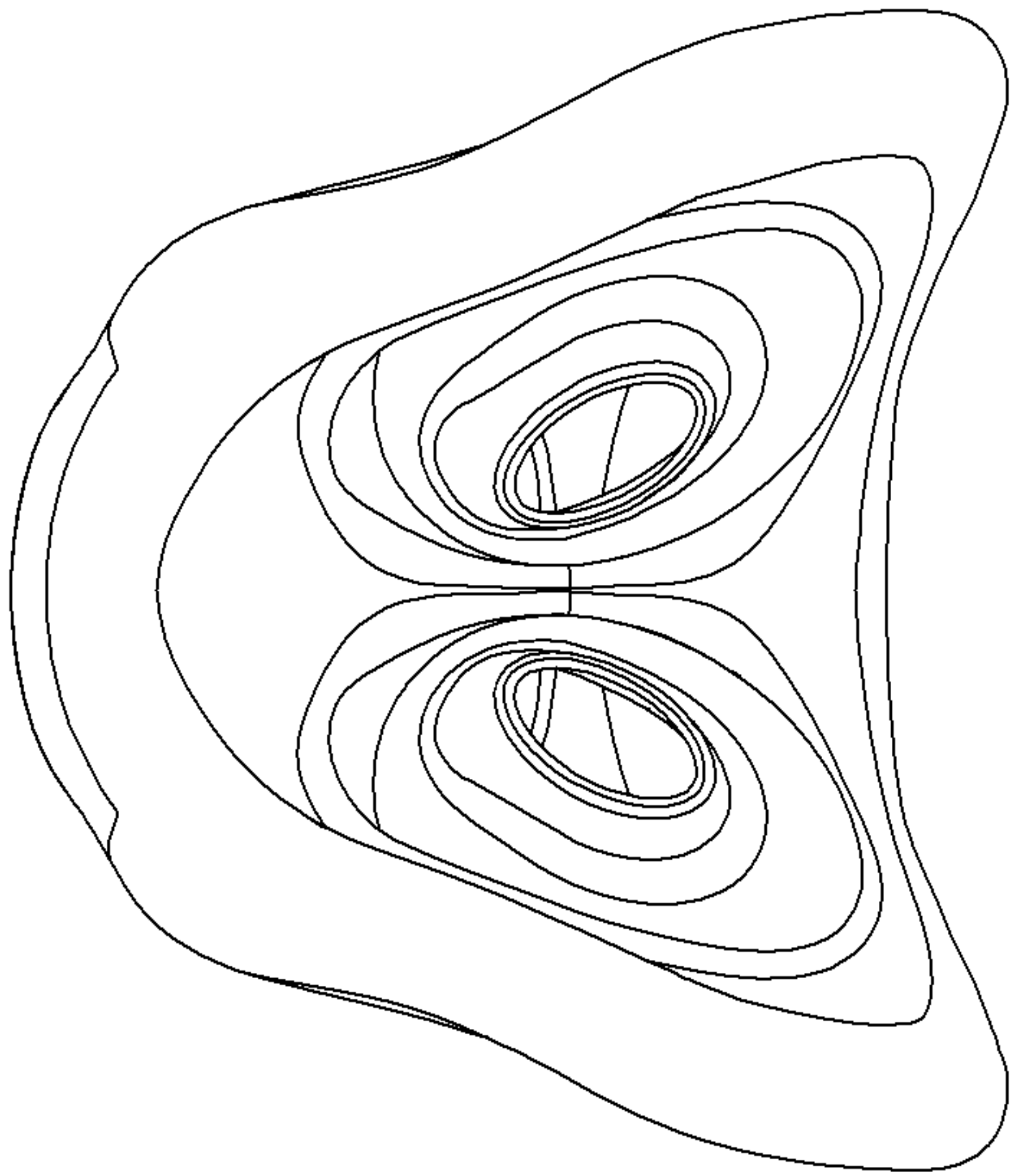


FIG. 11

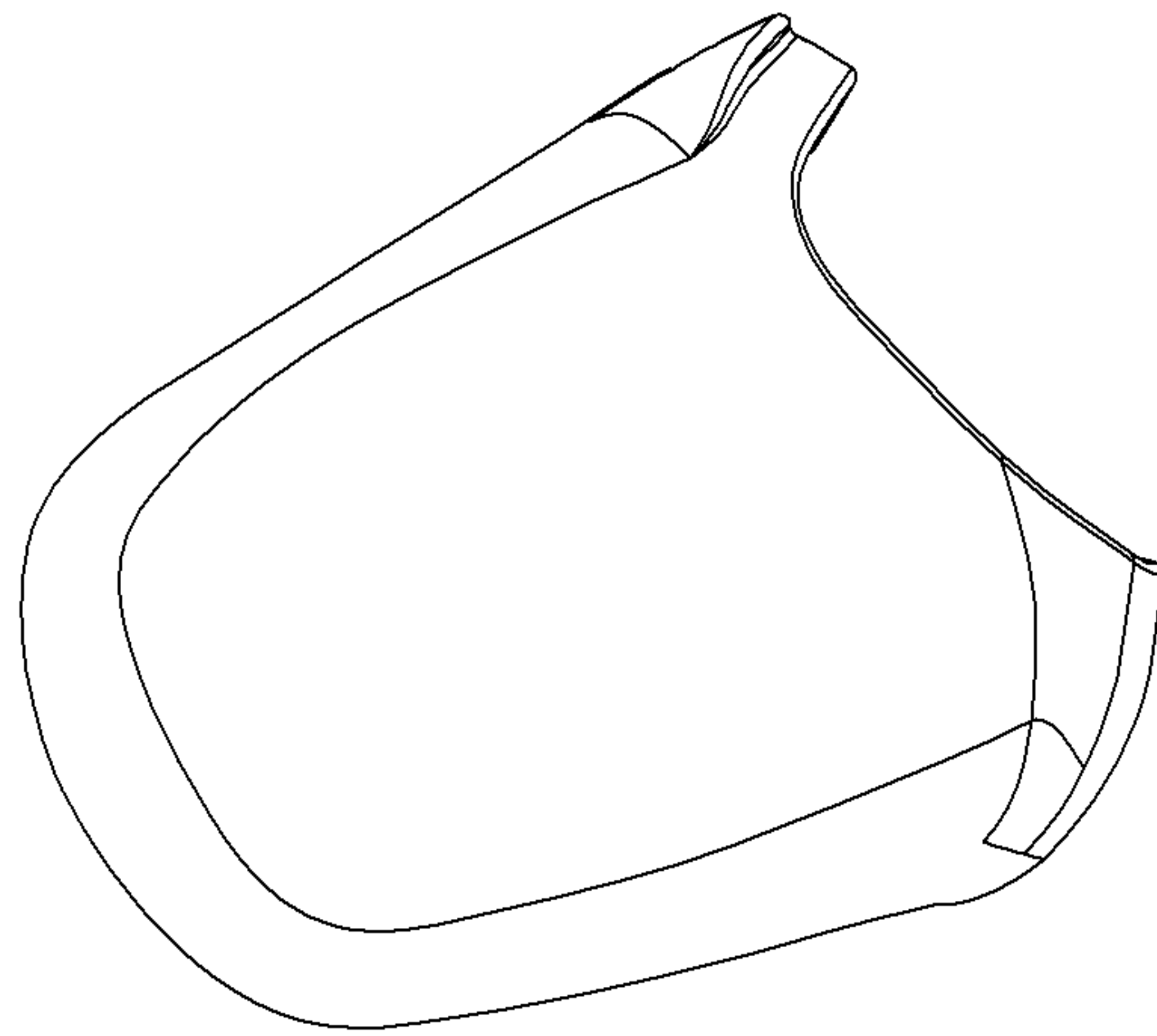


FIG. 12

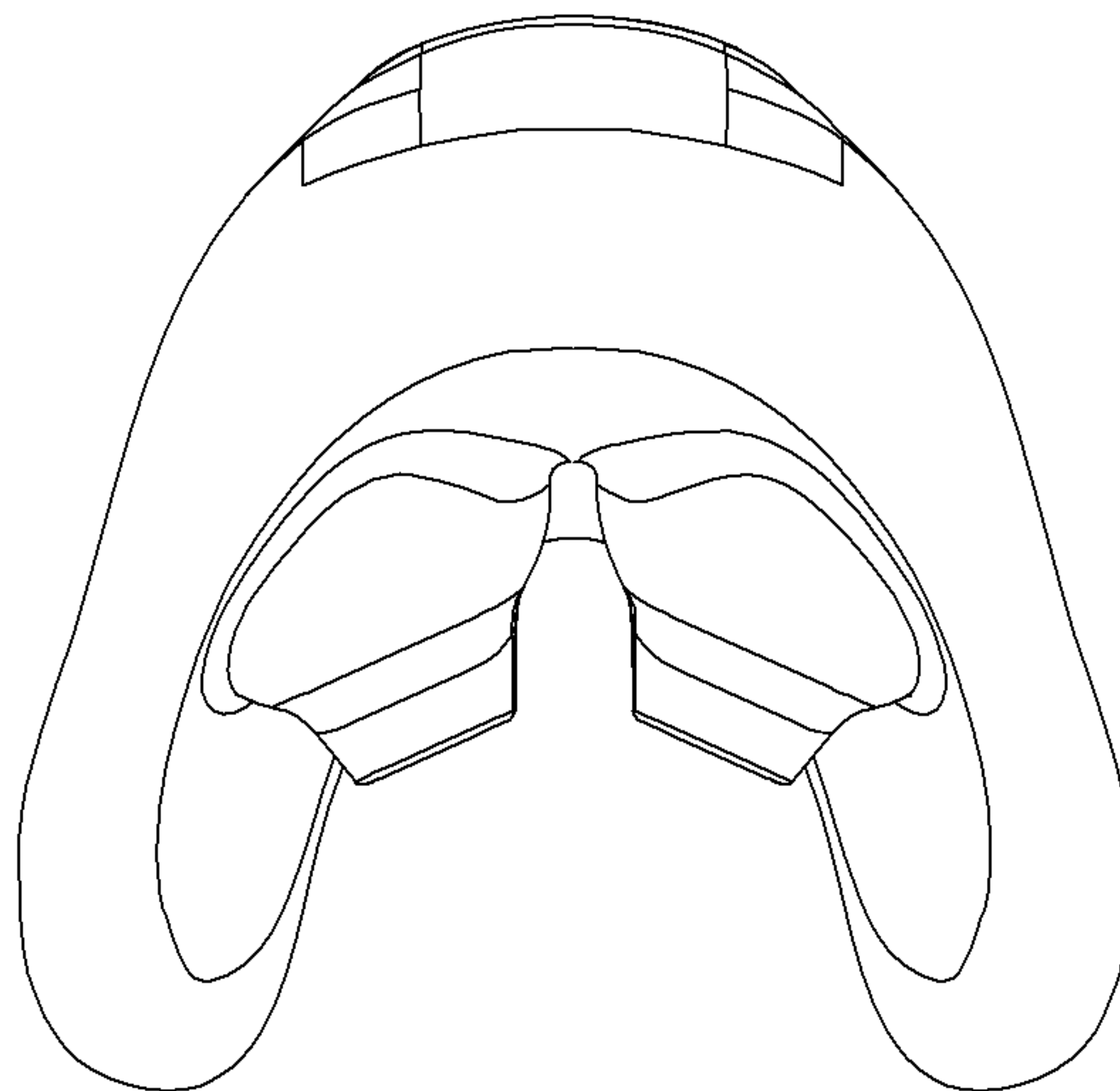


FIG. 13

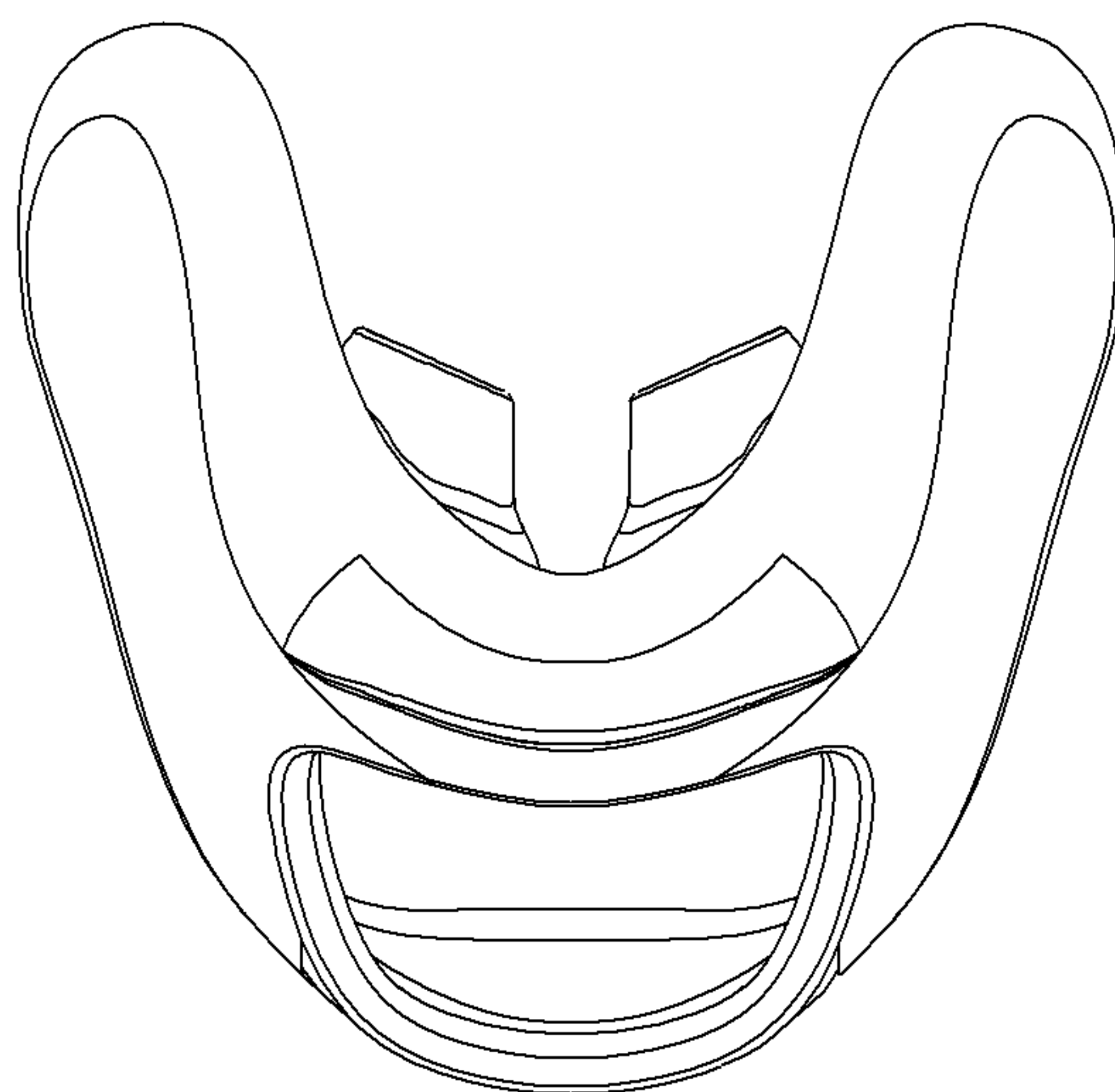


FIG. 14

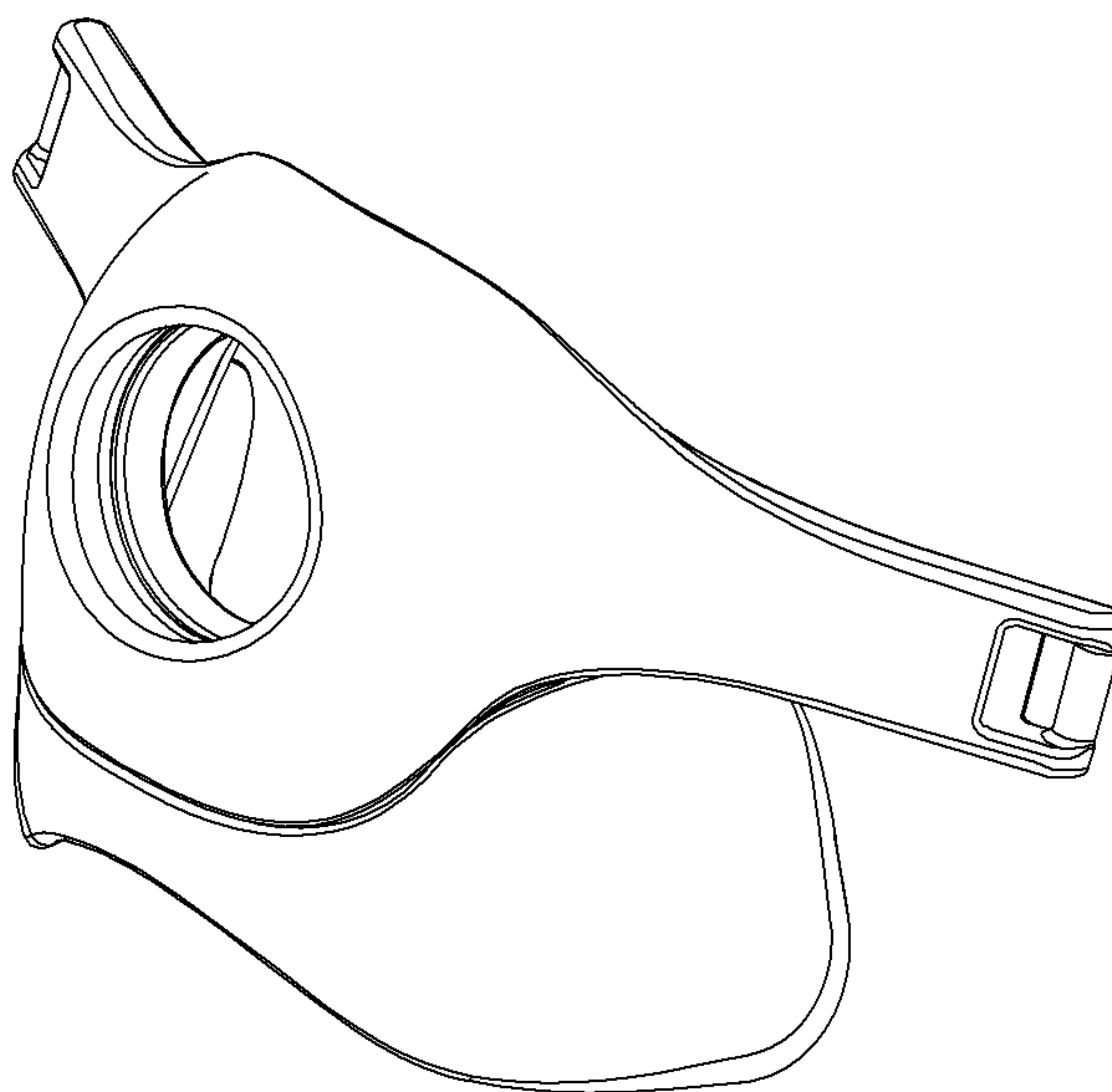


FIG. 15

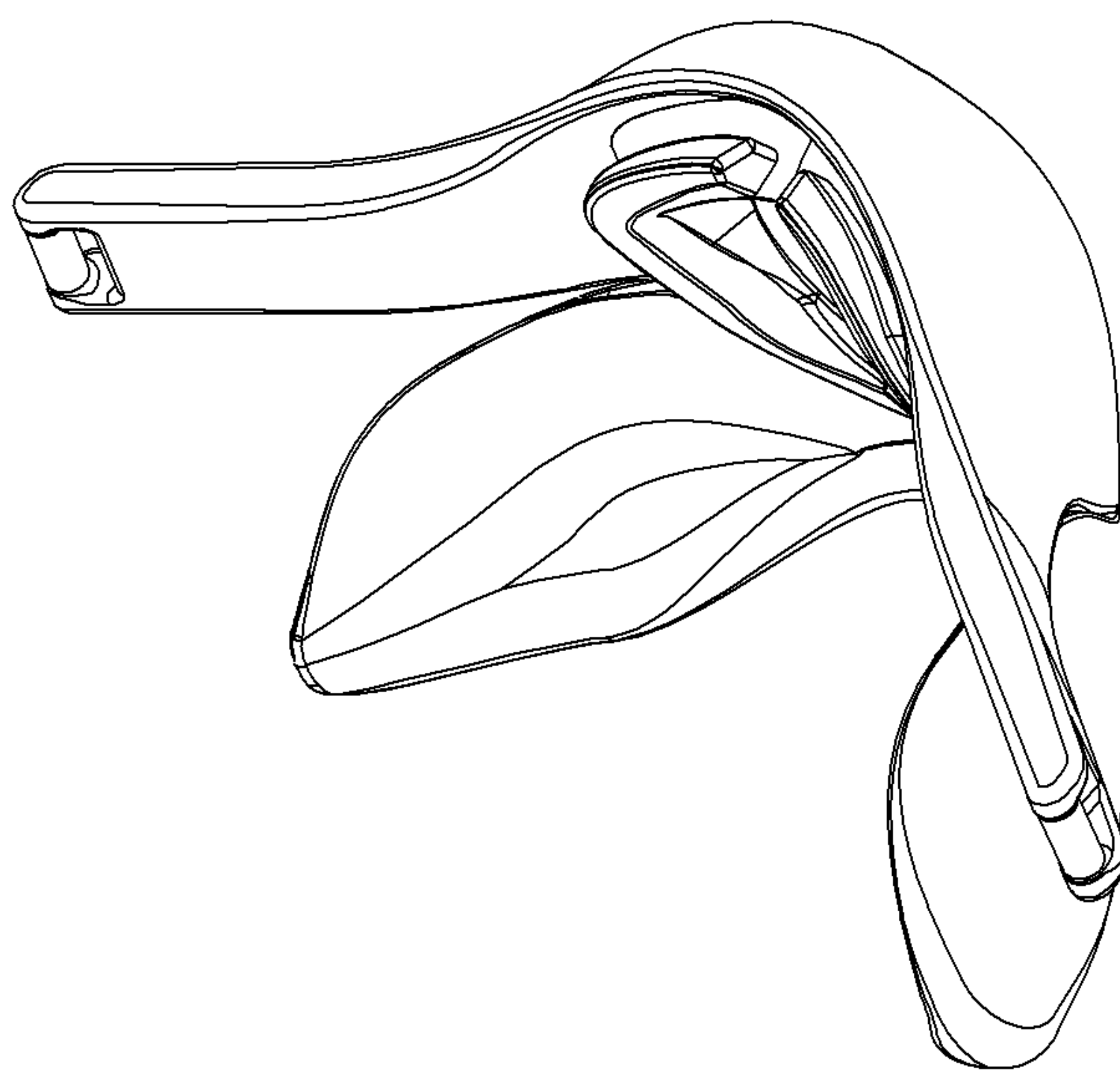


FIG. 16

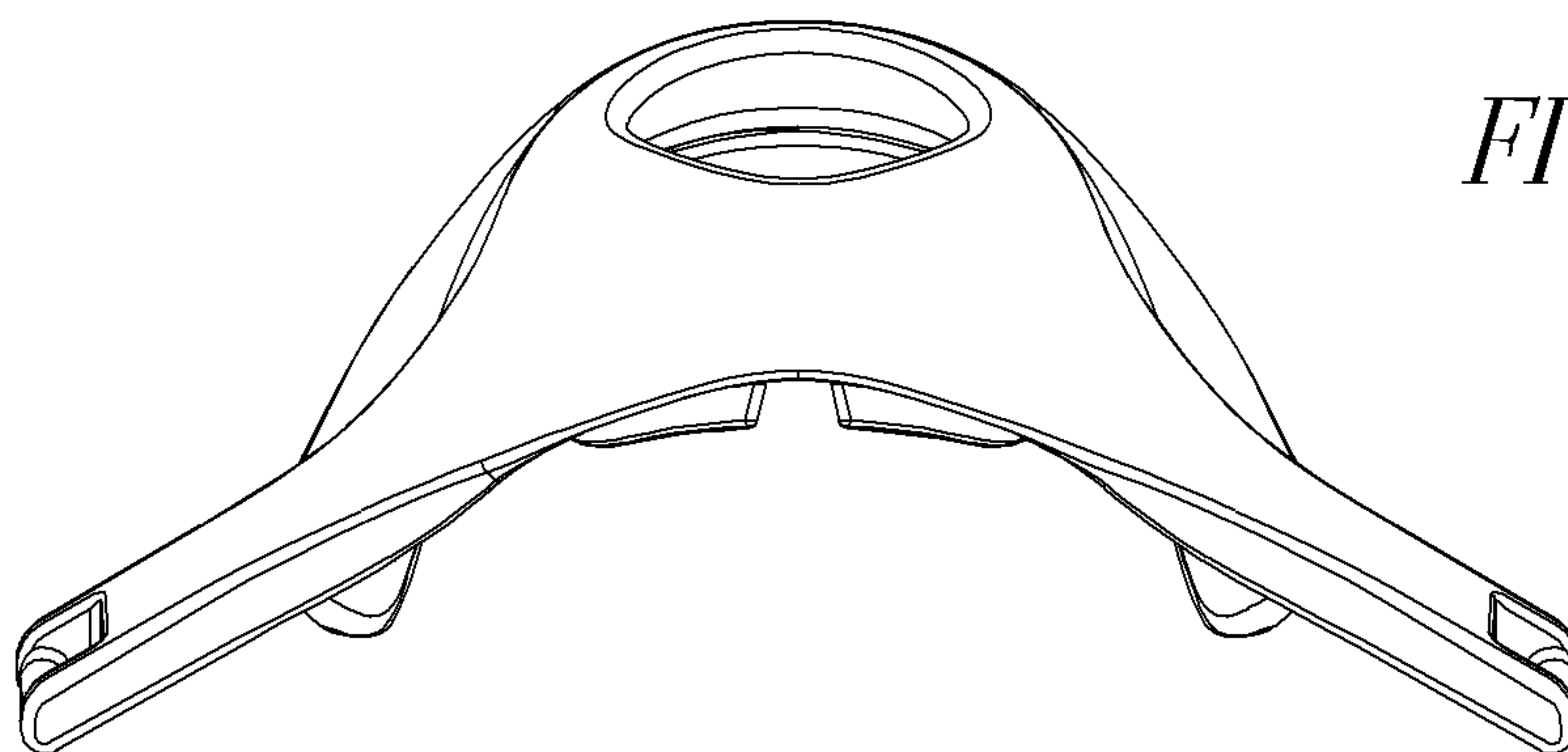


FIG. 17

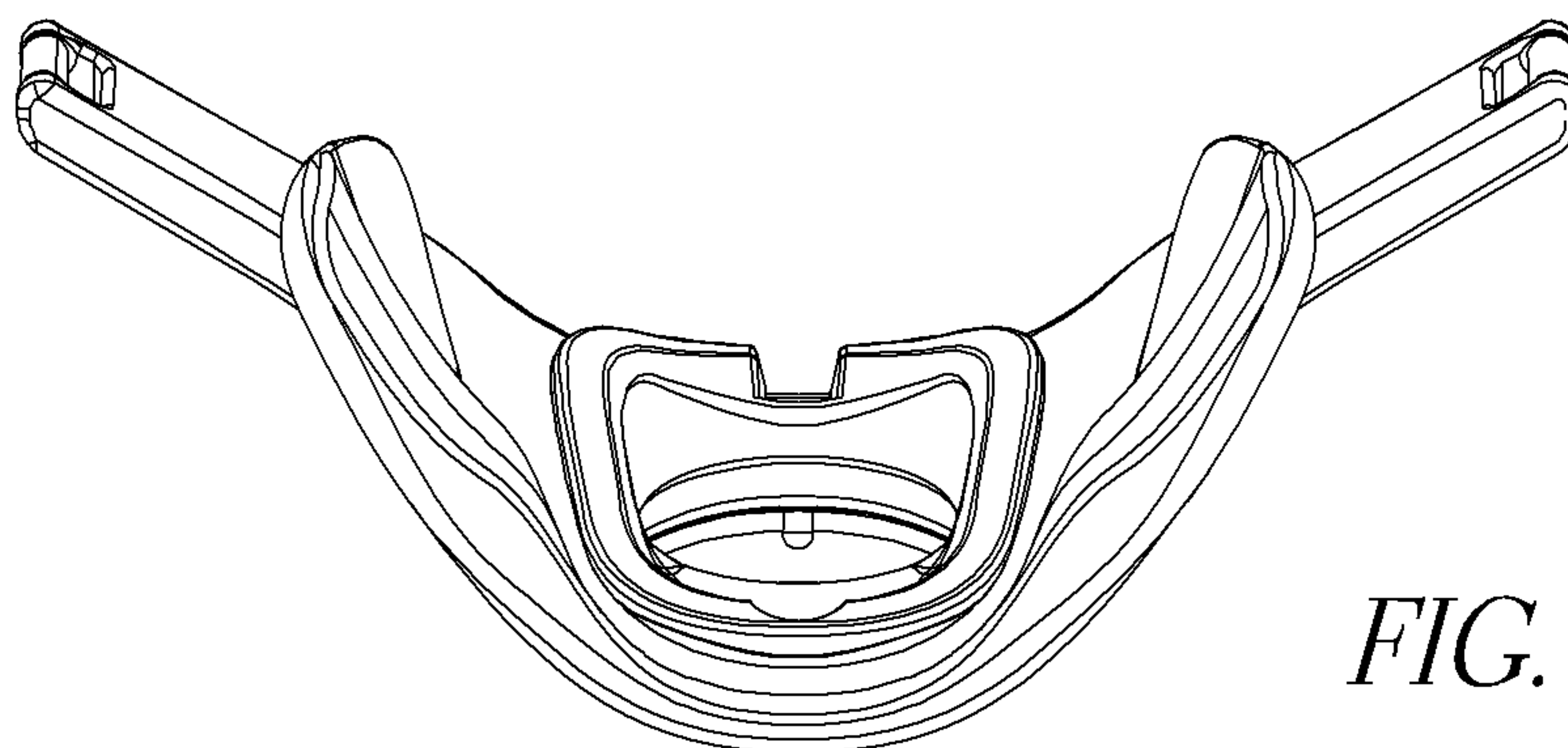


FIG. 18

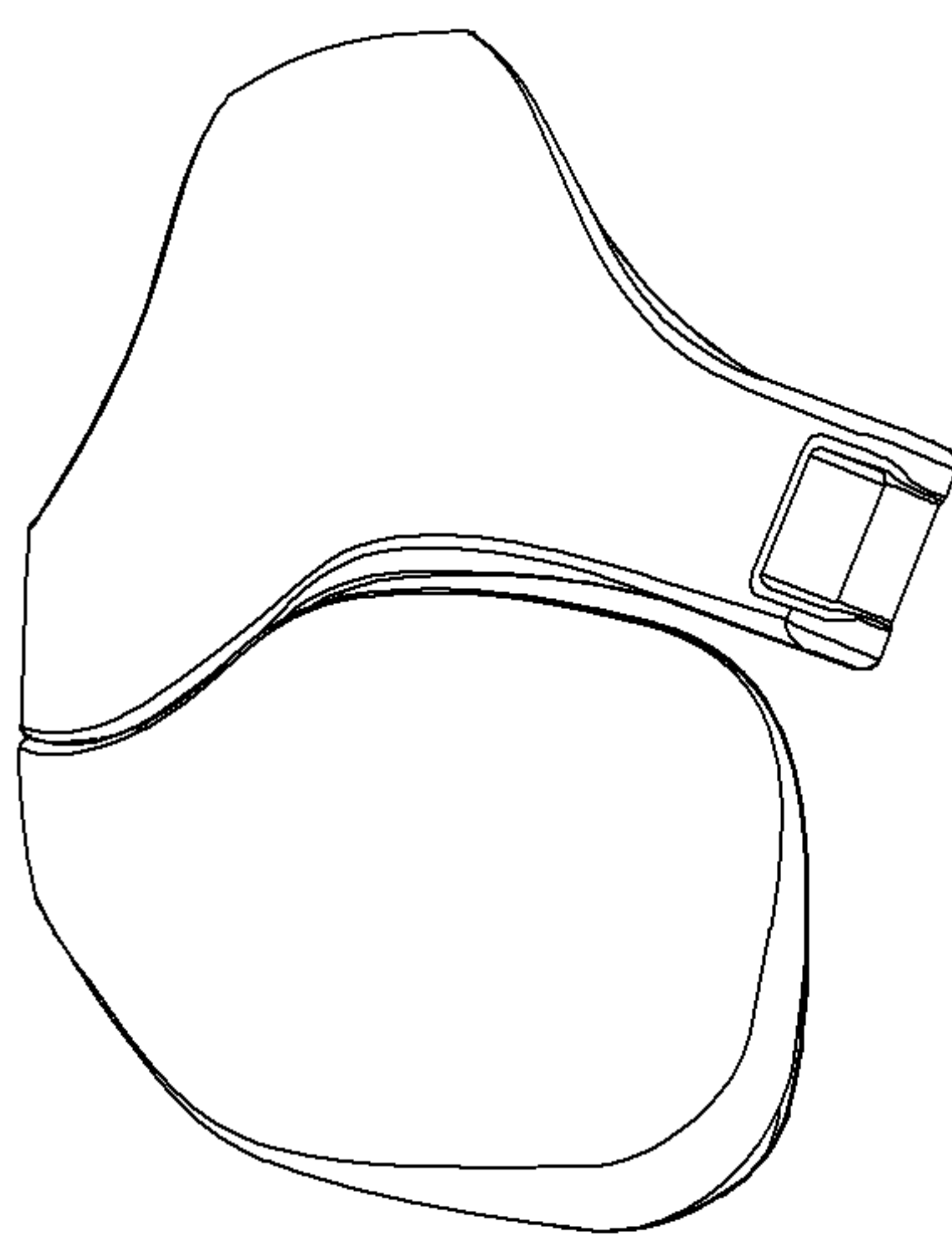
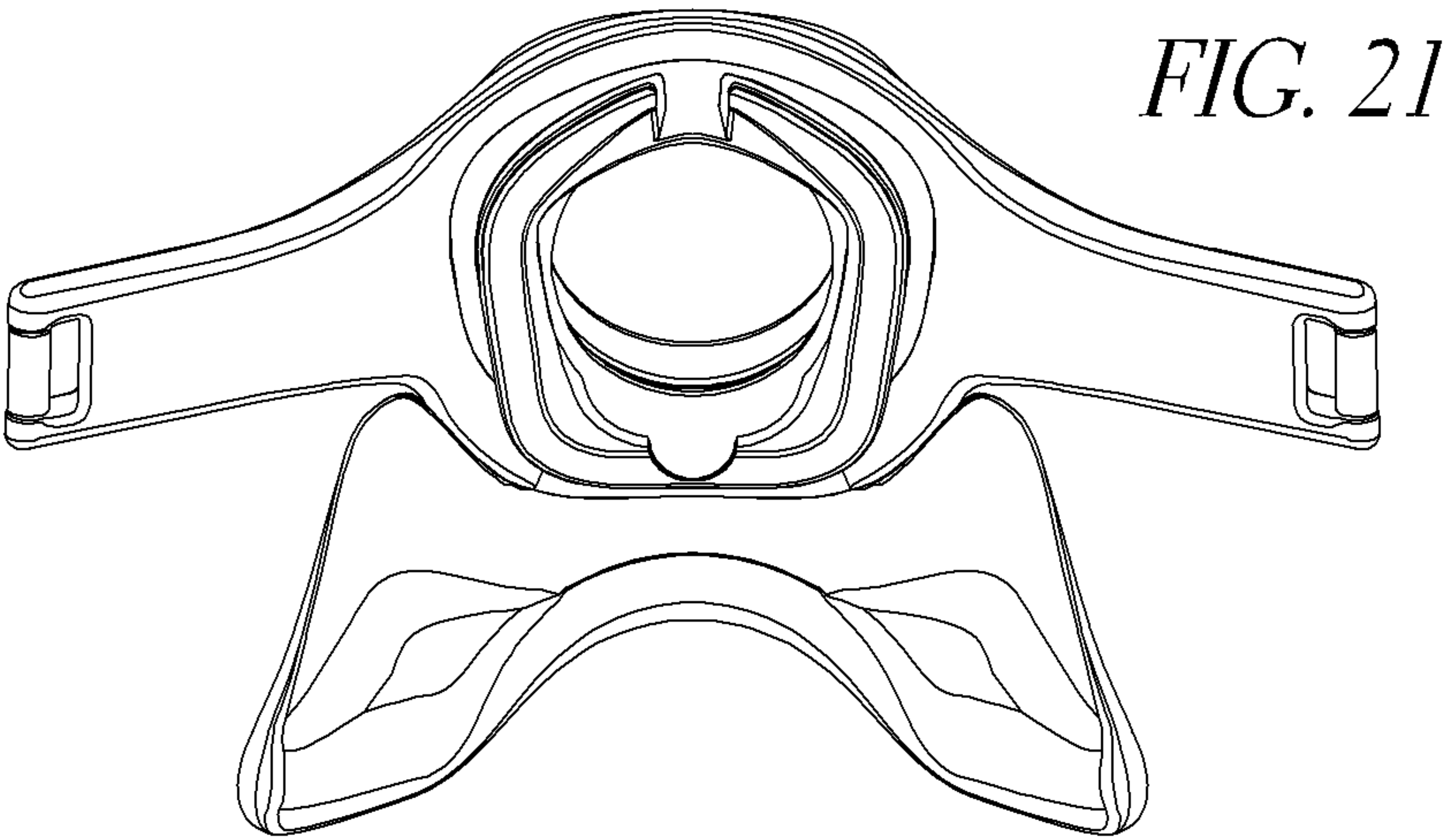
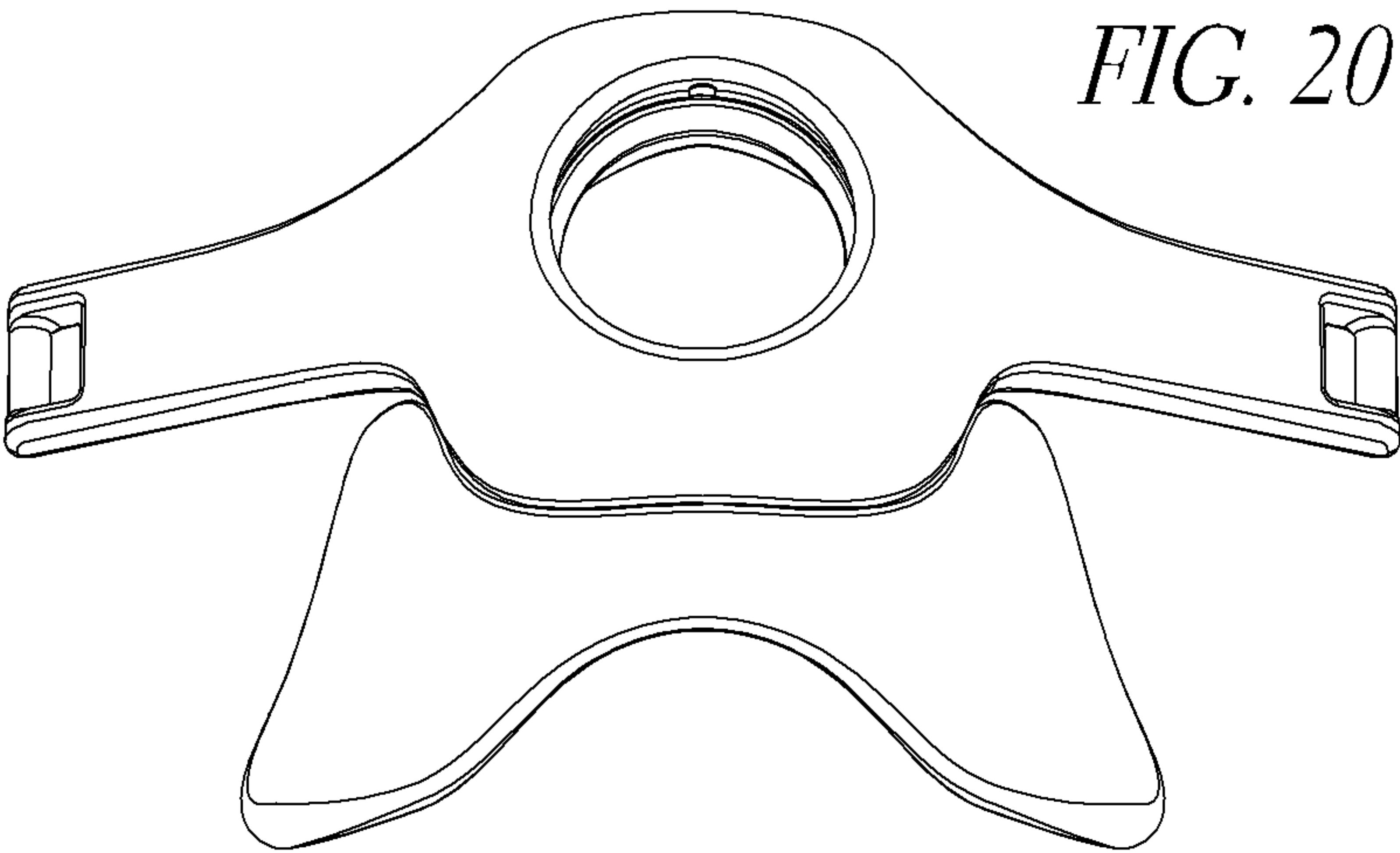


FIG. 19



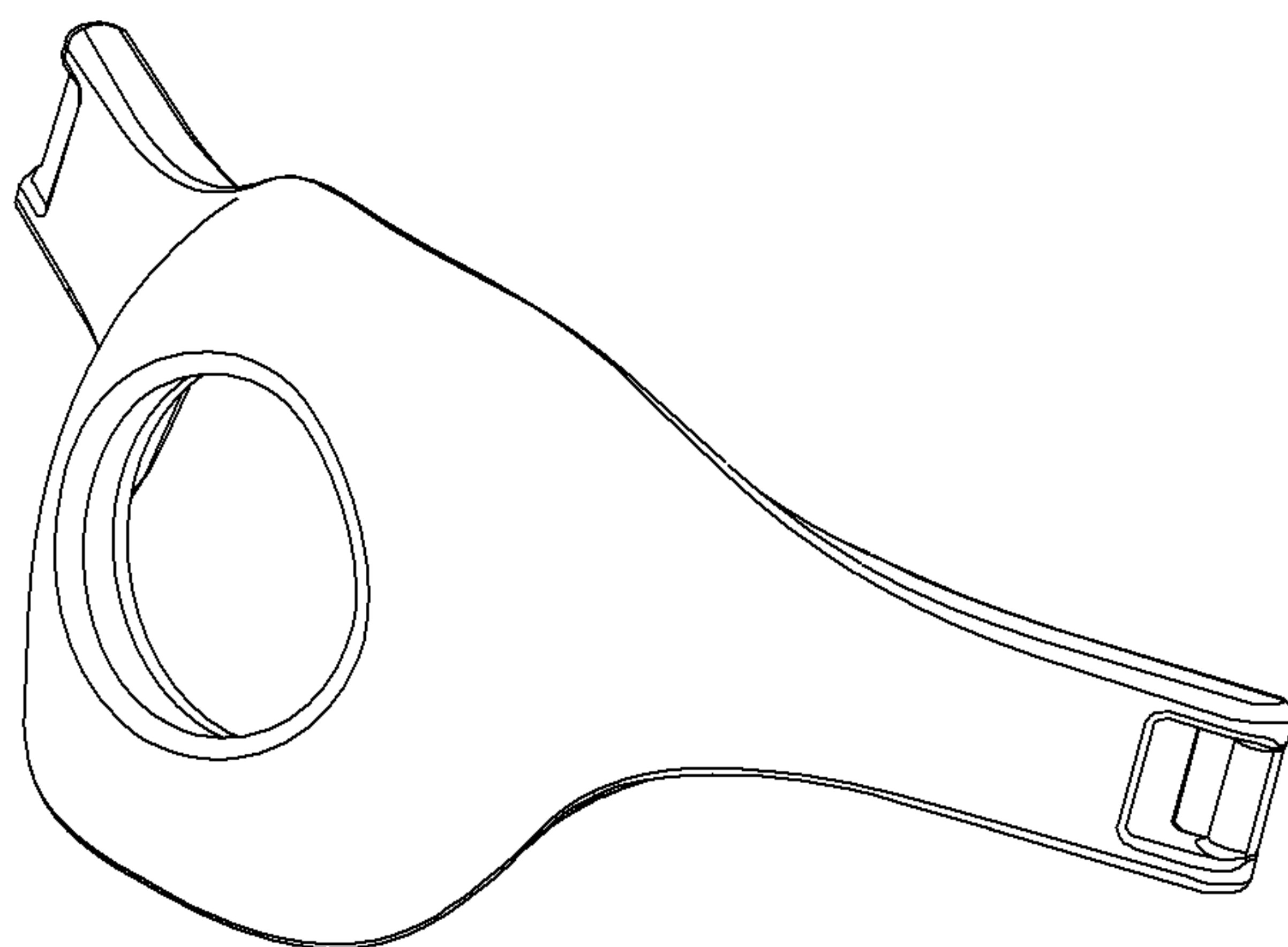


FIG. 22

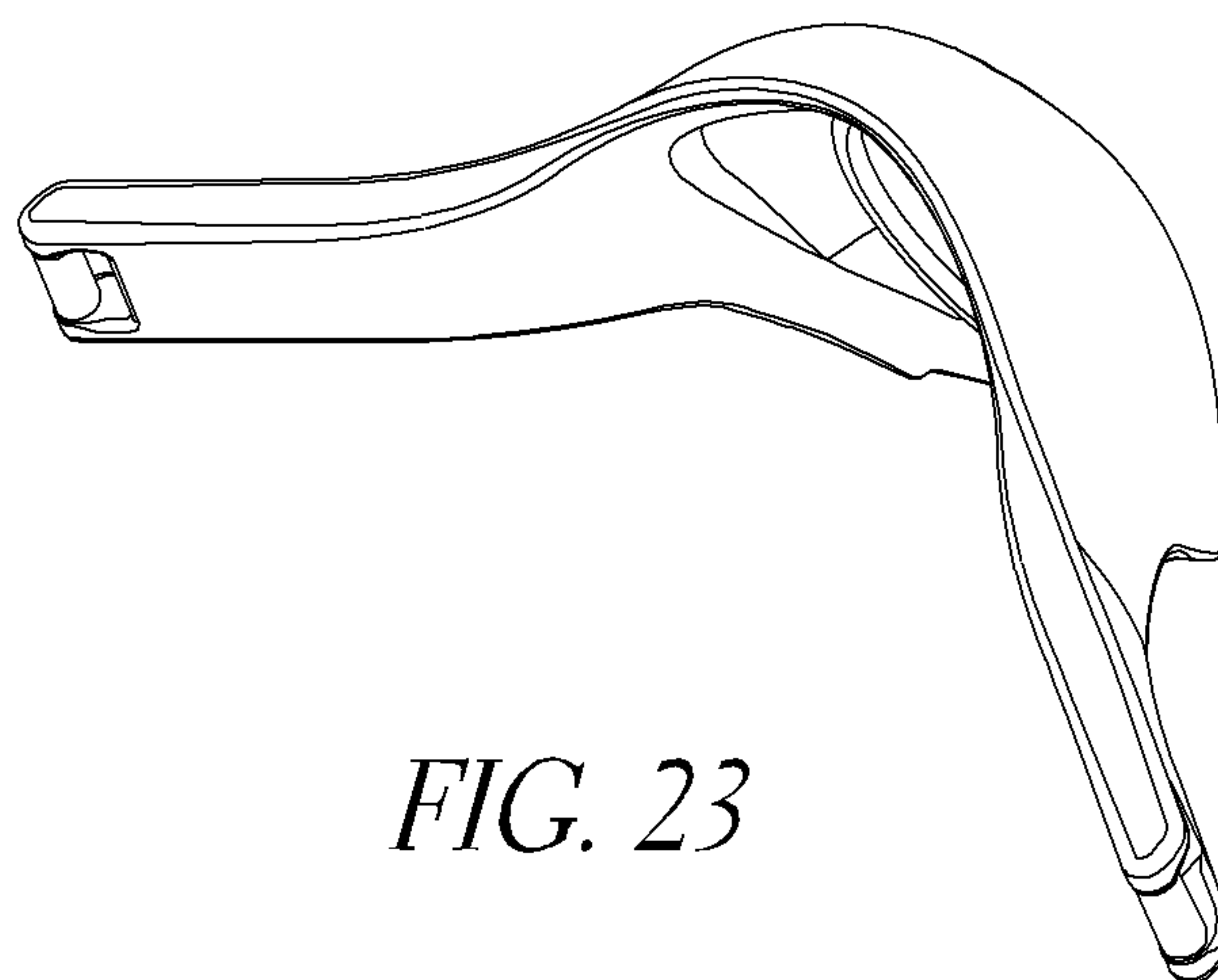
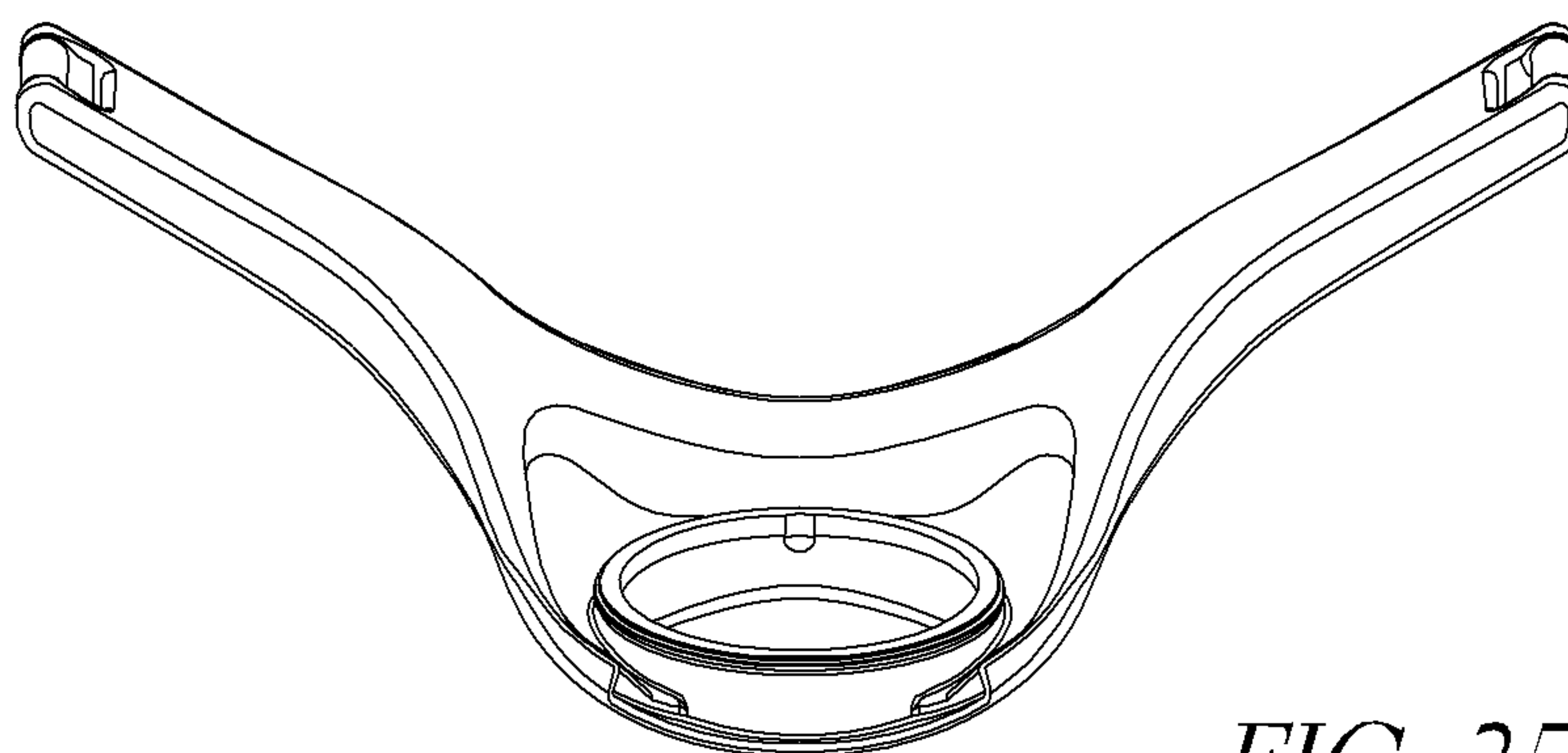
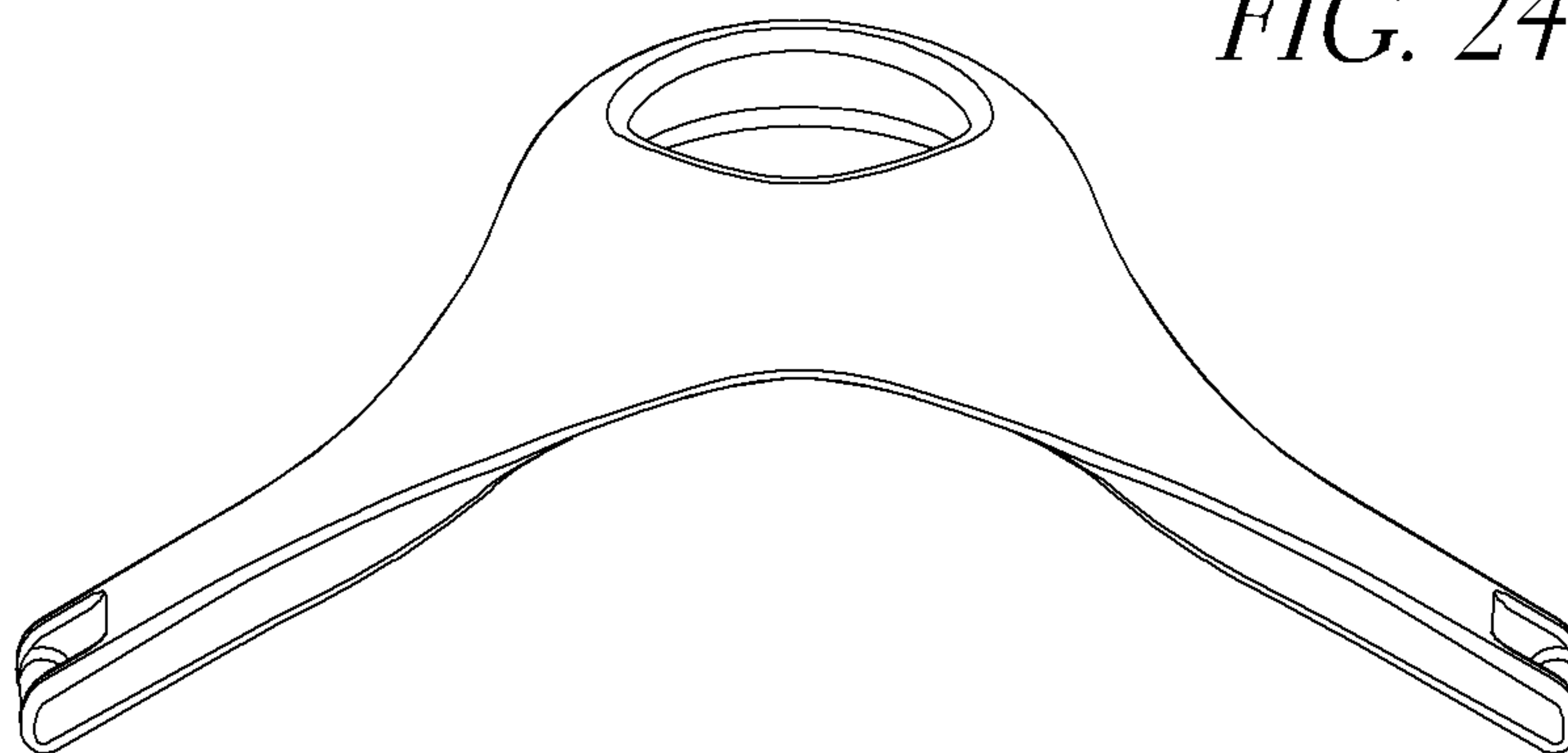


FIG. 23



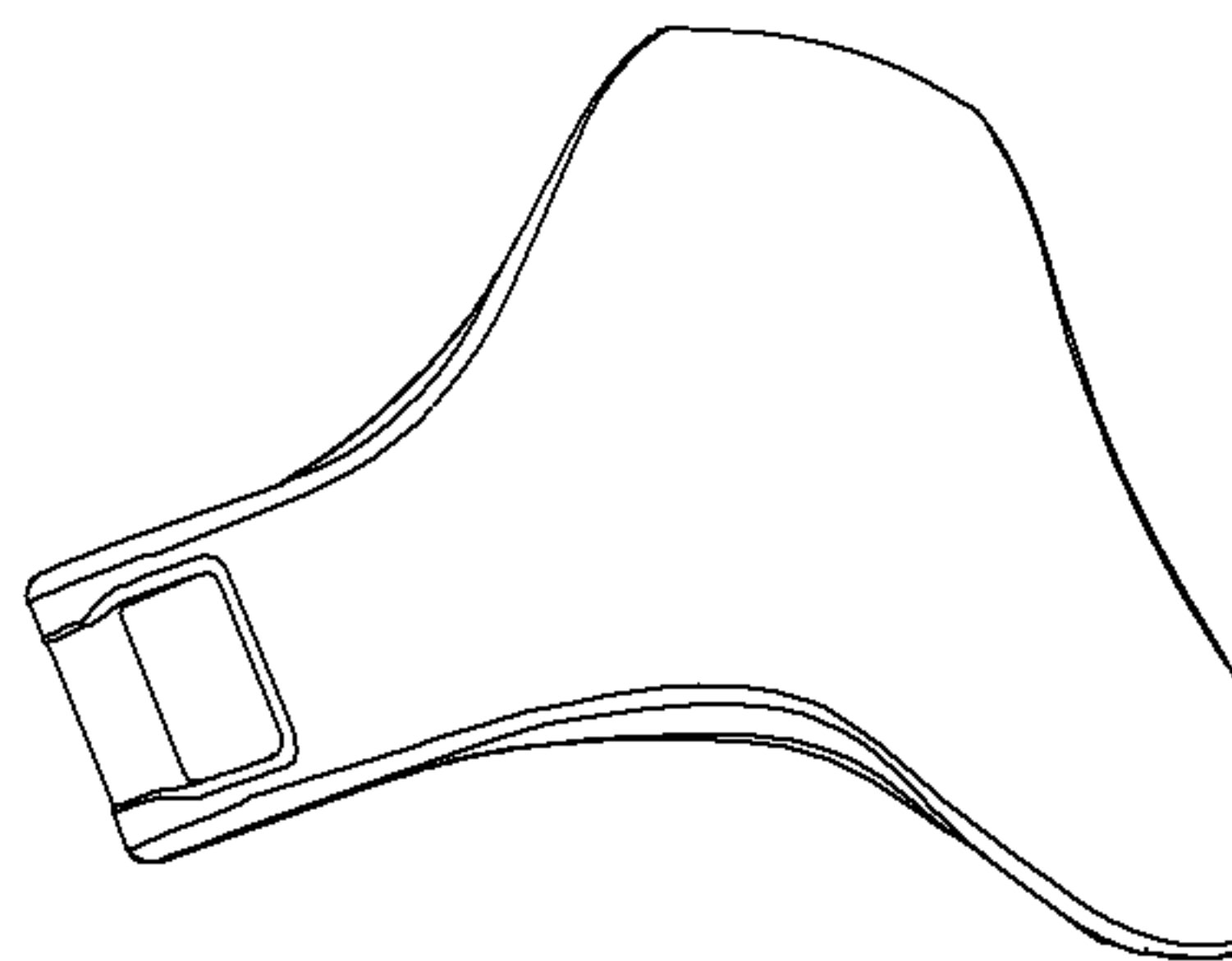


FIG. 26

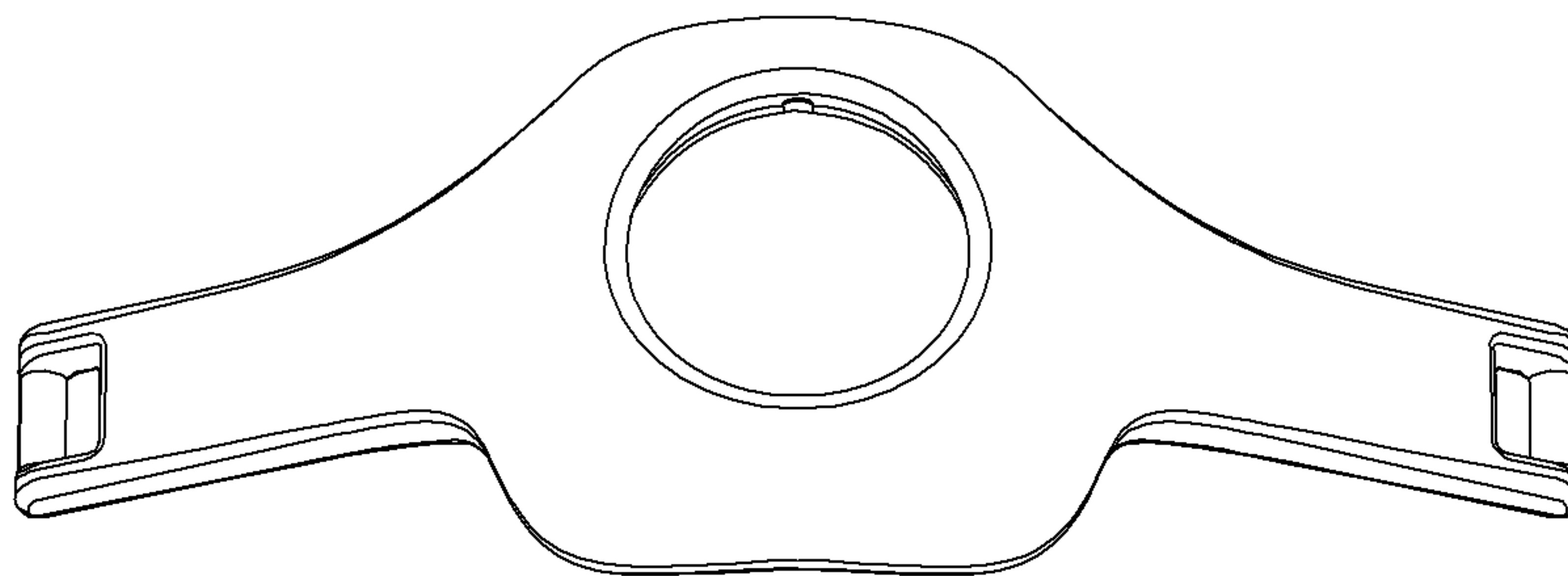


FIG. 27

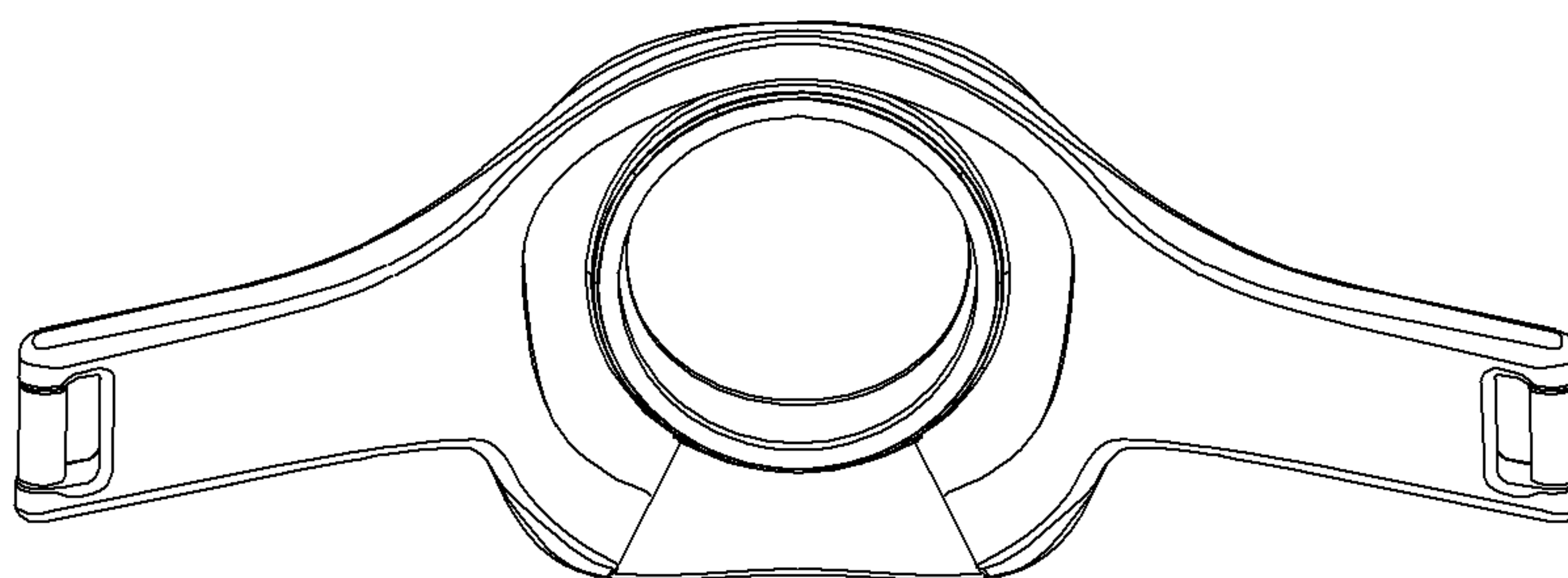


FIG. 28

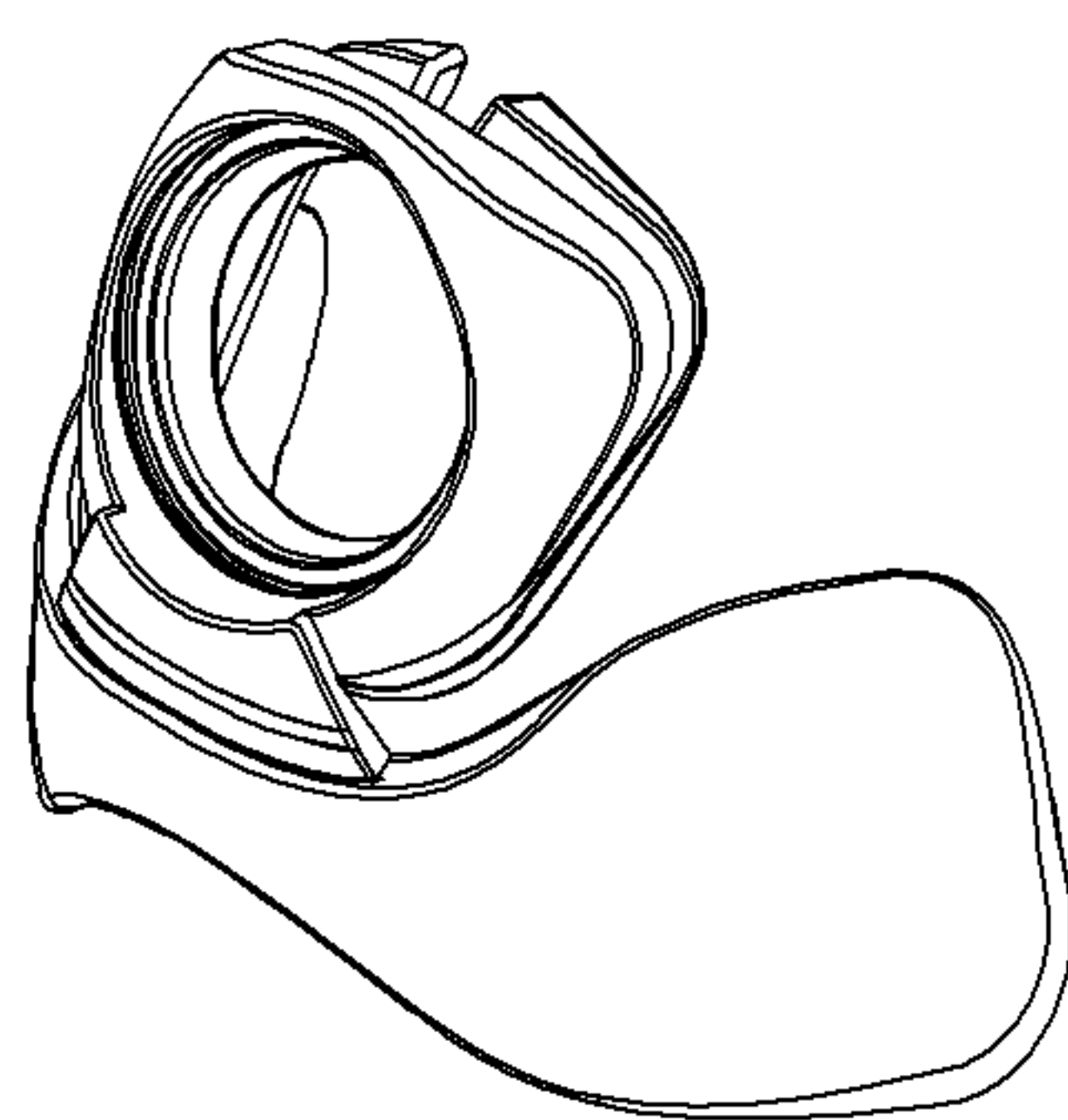


FIG. 29



FIG. 30

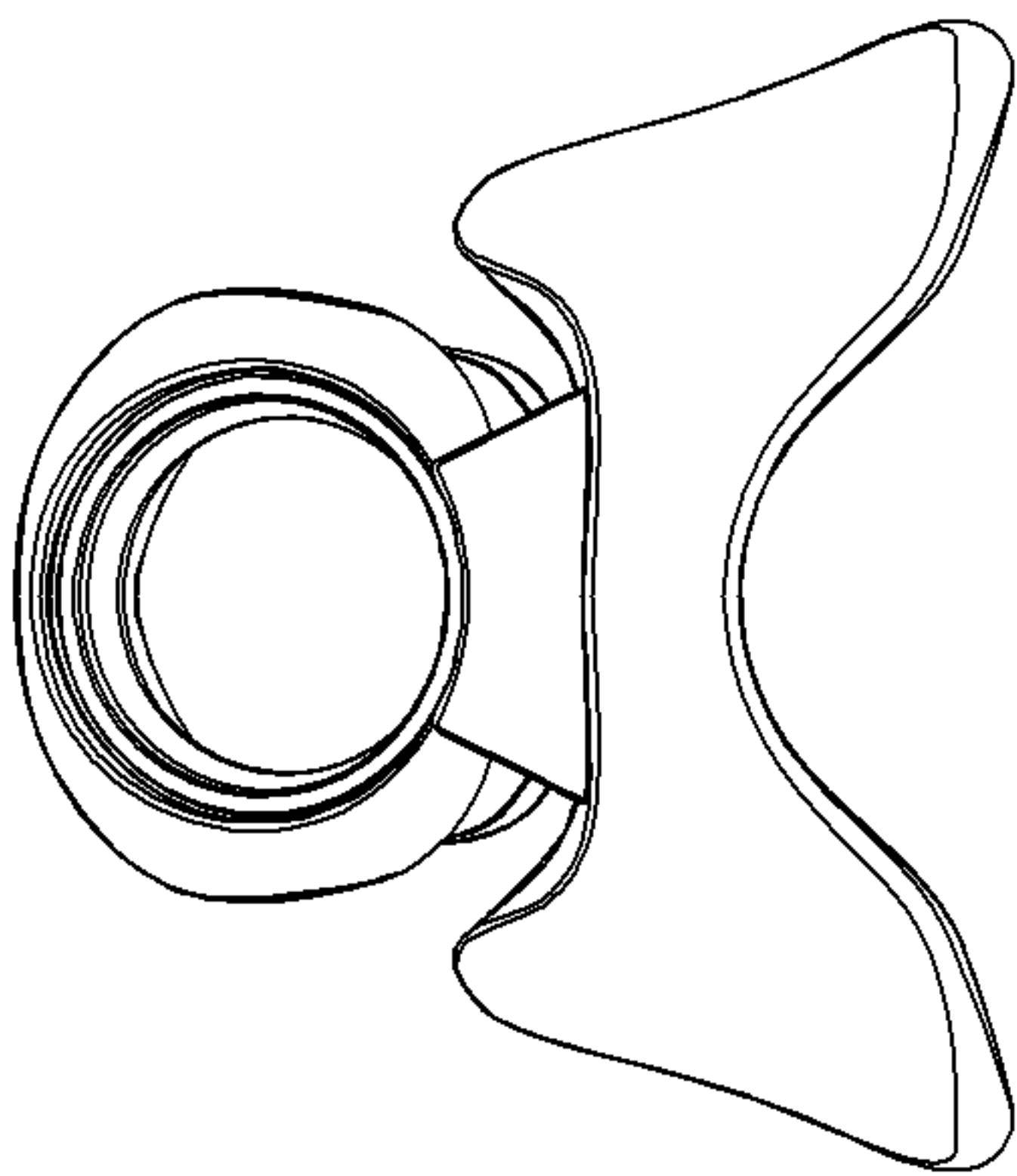


FIG. 31

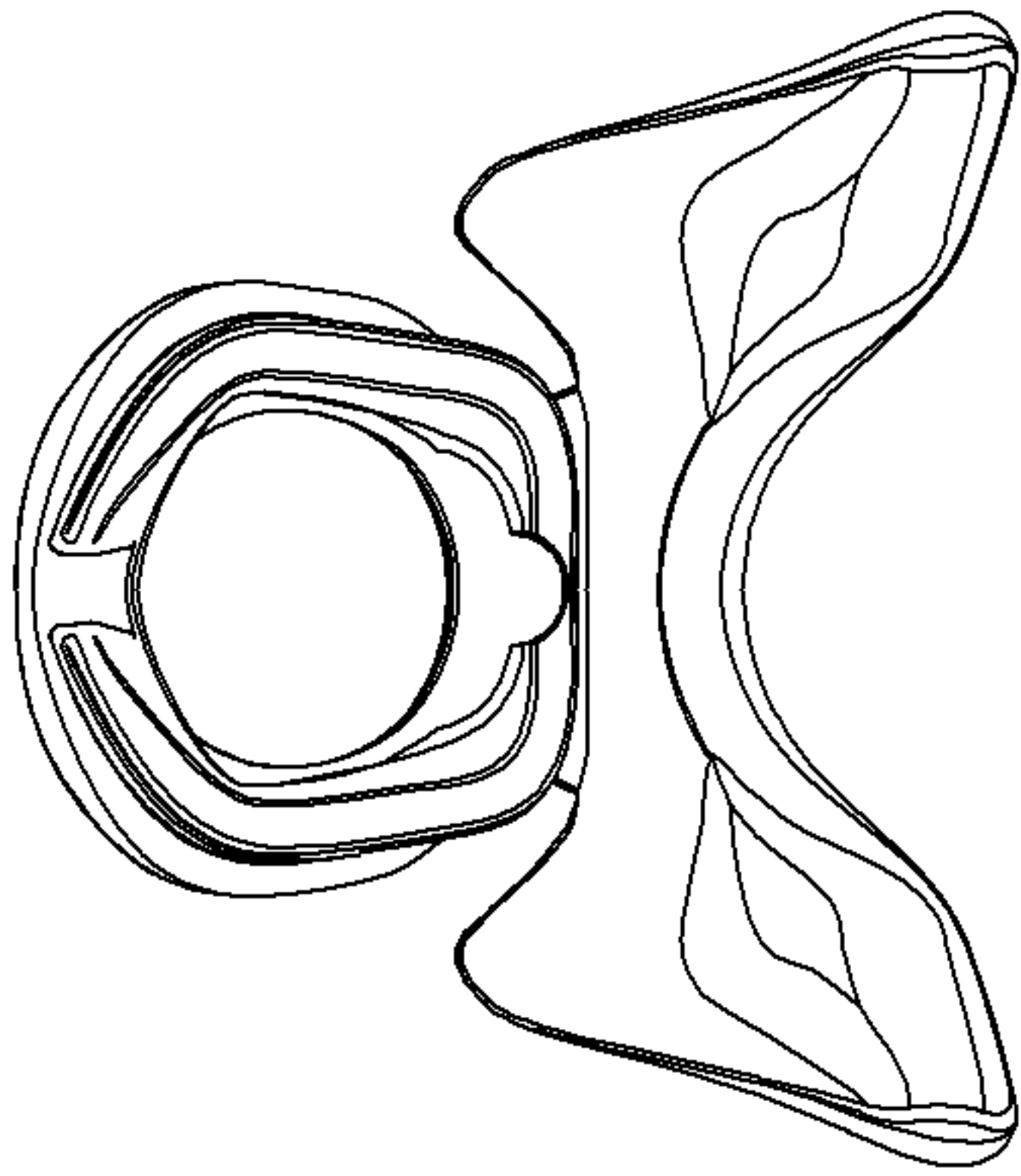


FIG. 32

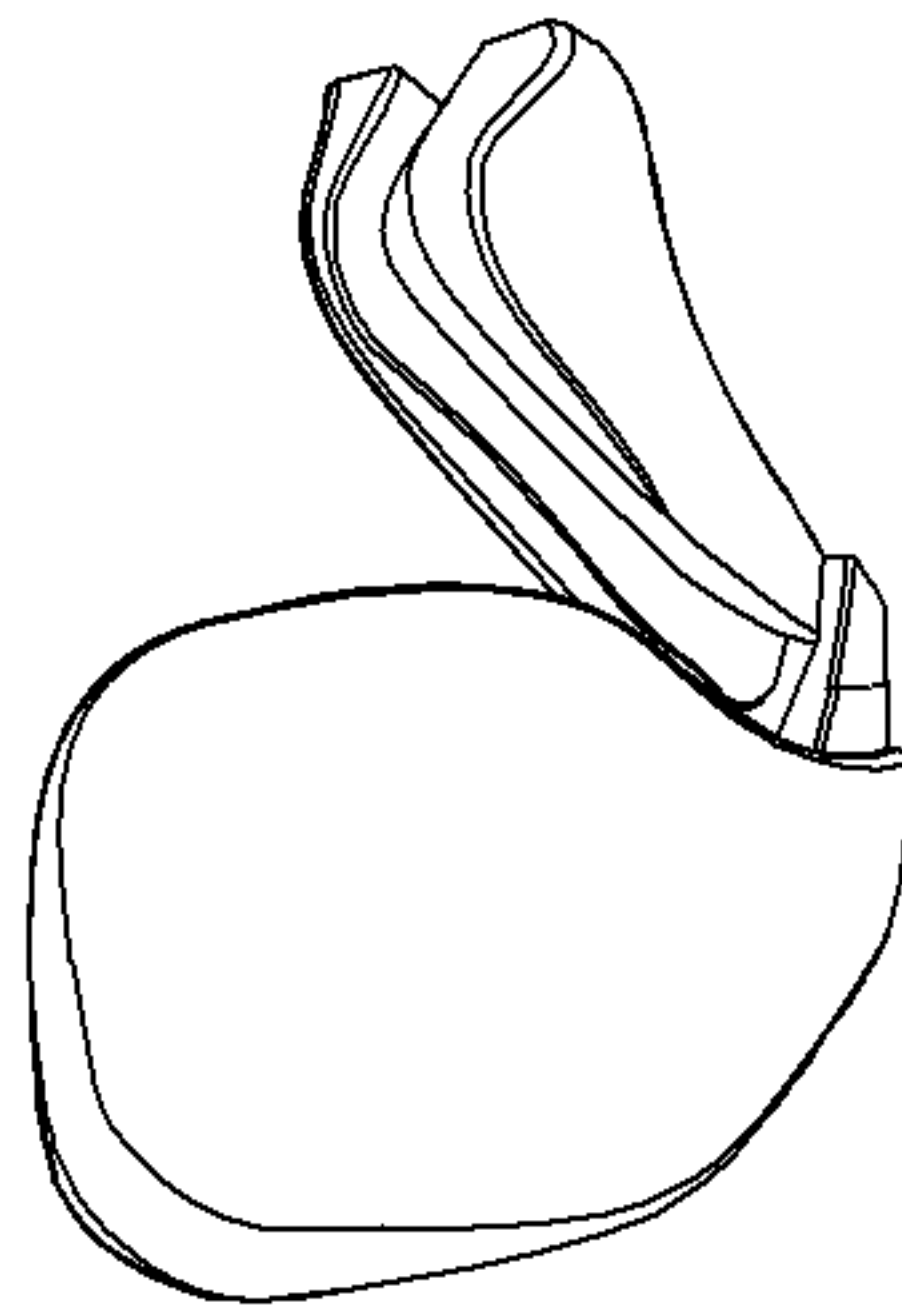


FIG. 33

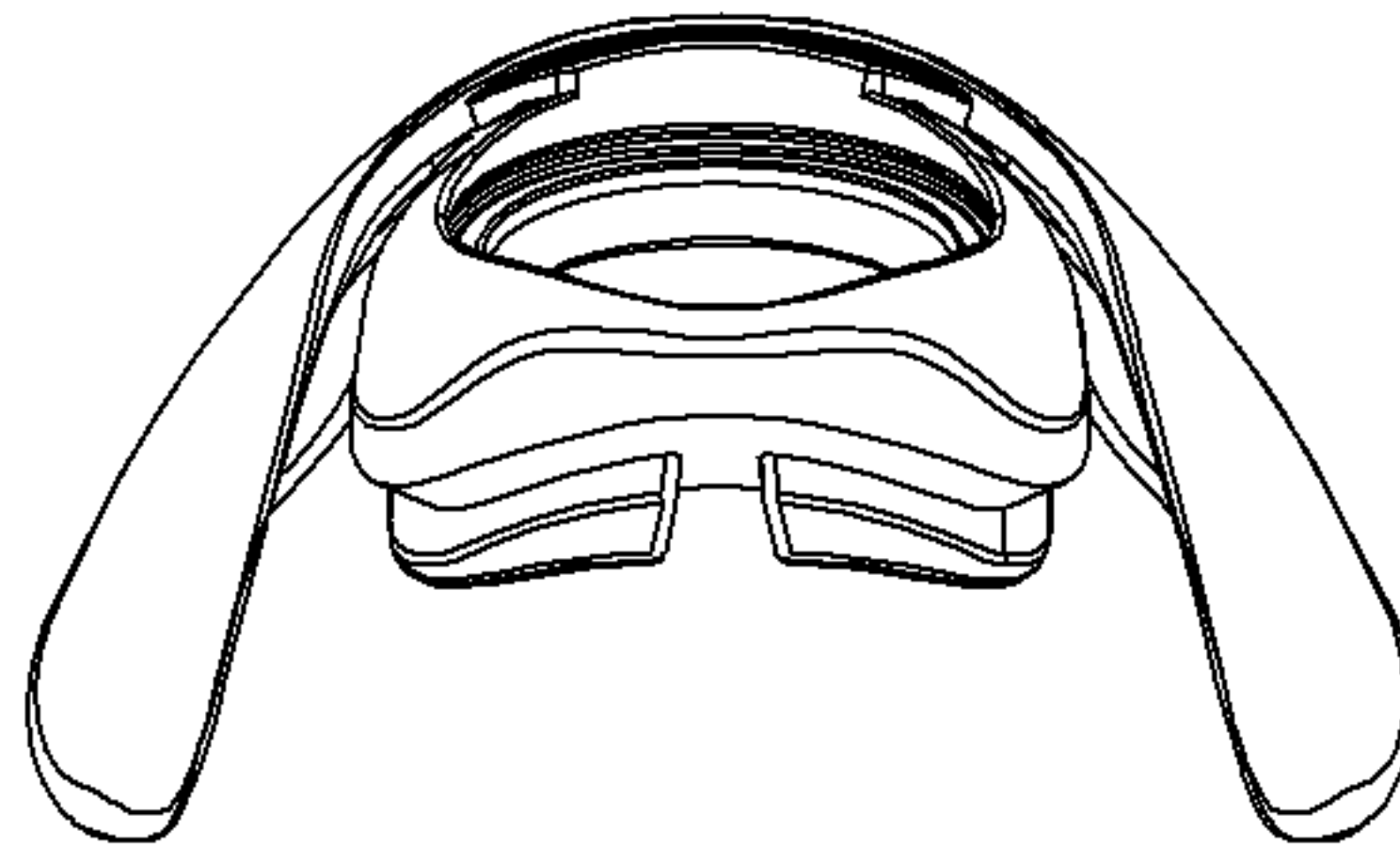


FIG. 34

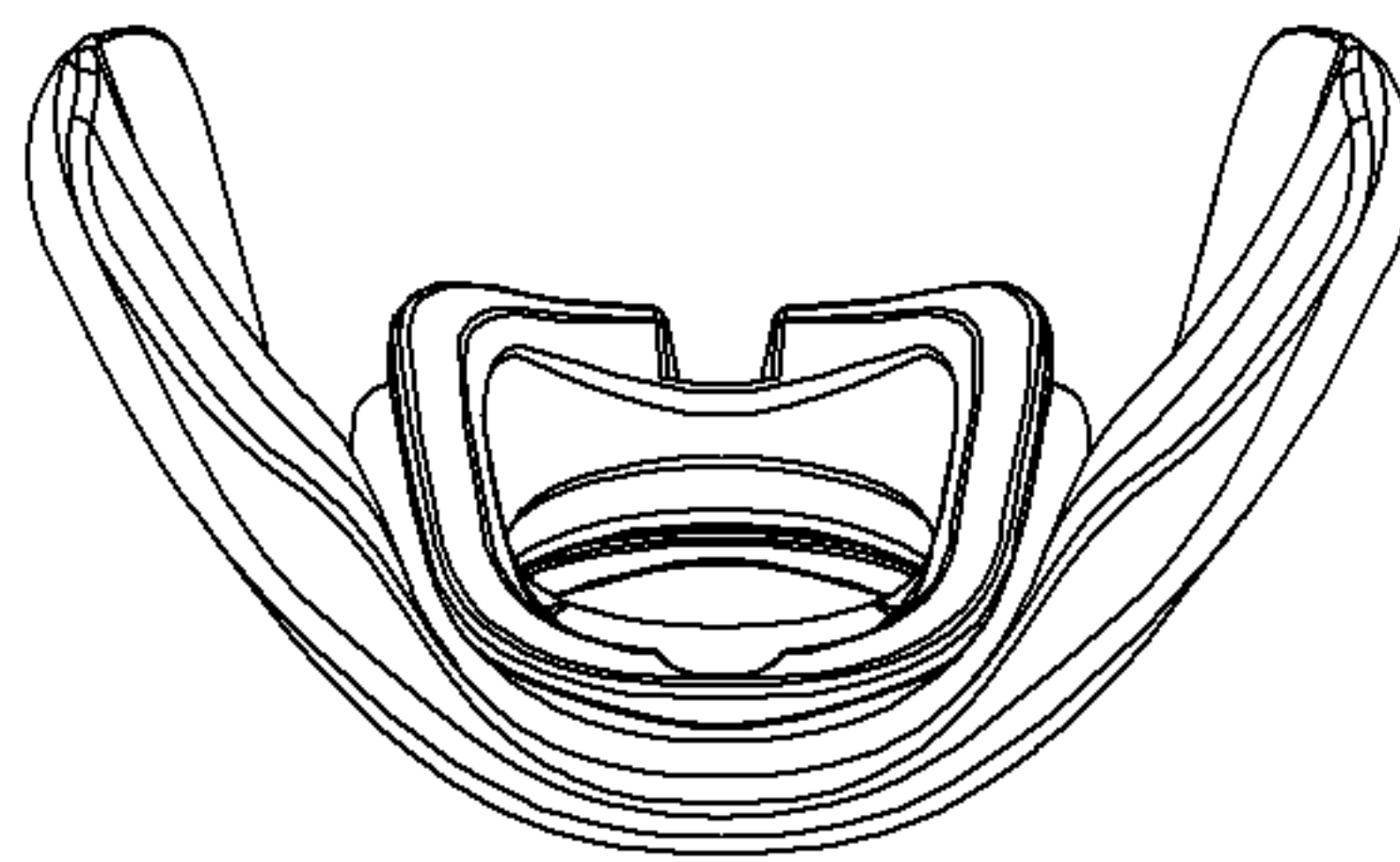


FIG. 35

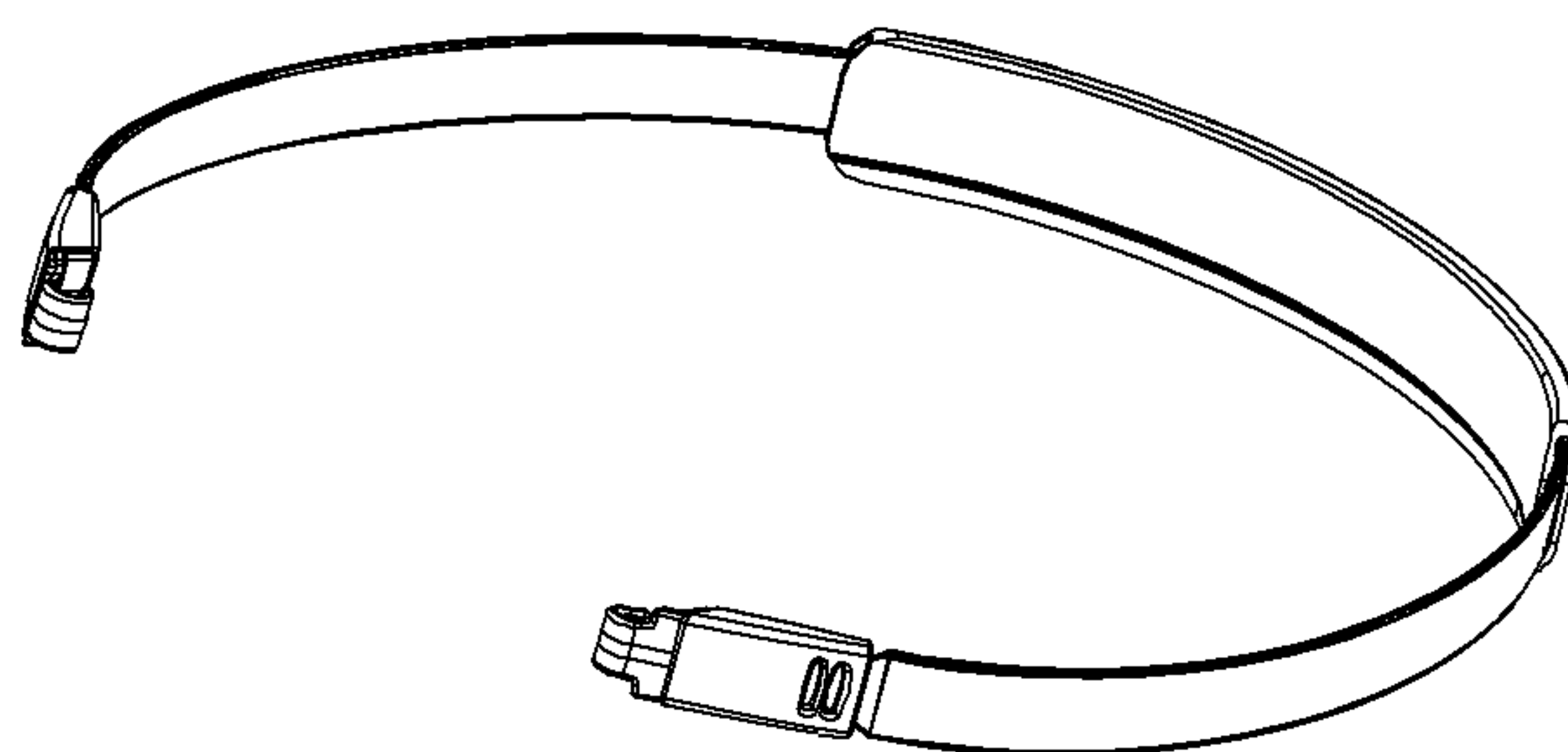


FIG. 36

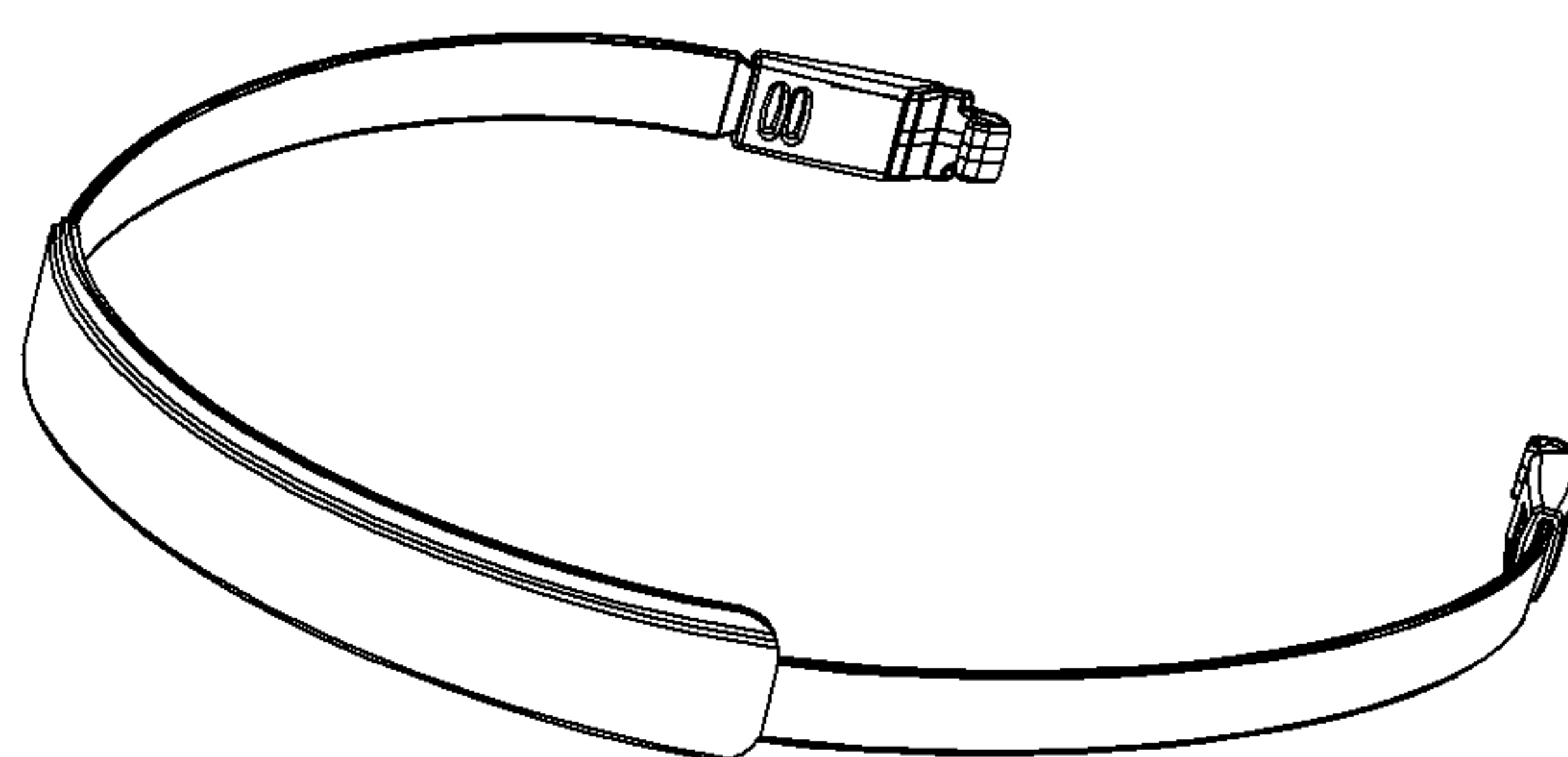


FIG. 37

FIG. 38



FIG. 39



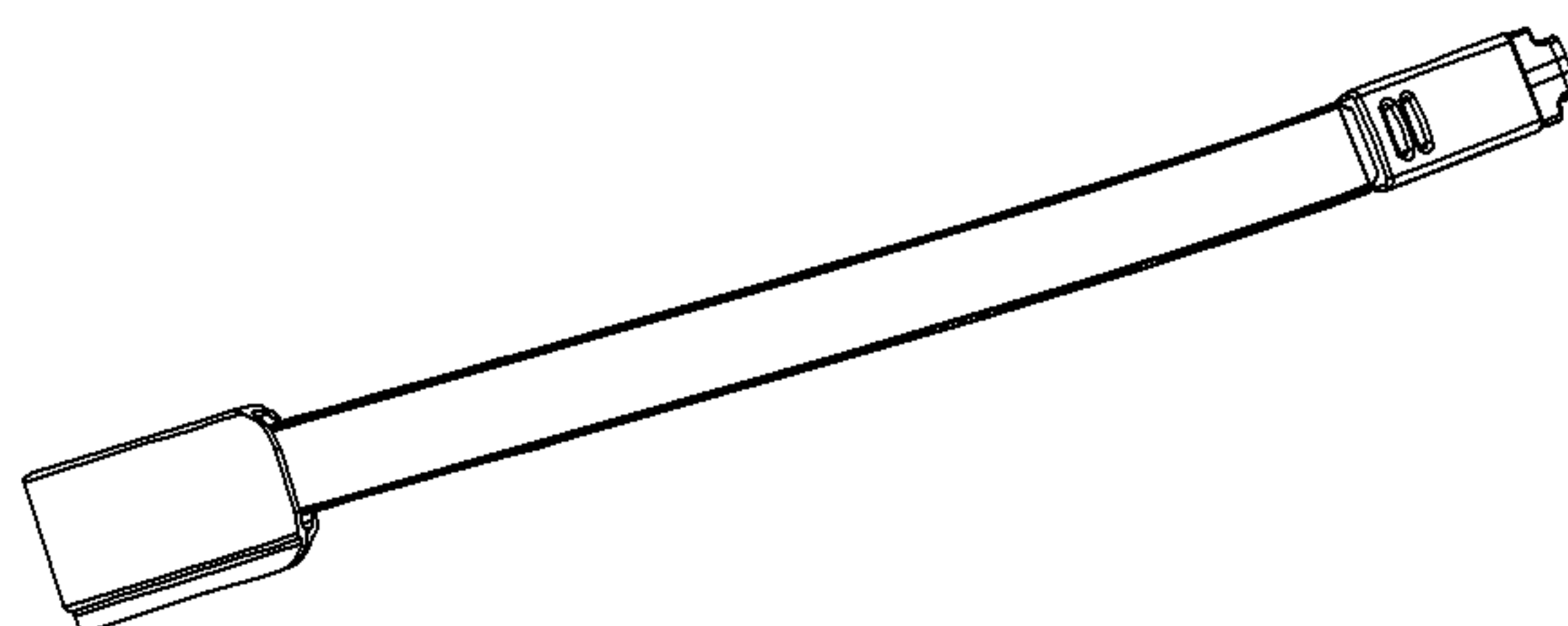


FIG. 40

FIG. 41

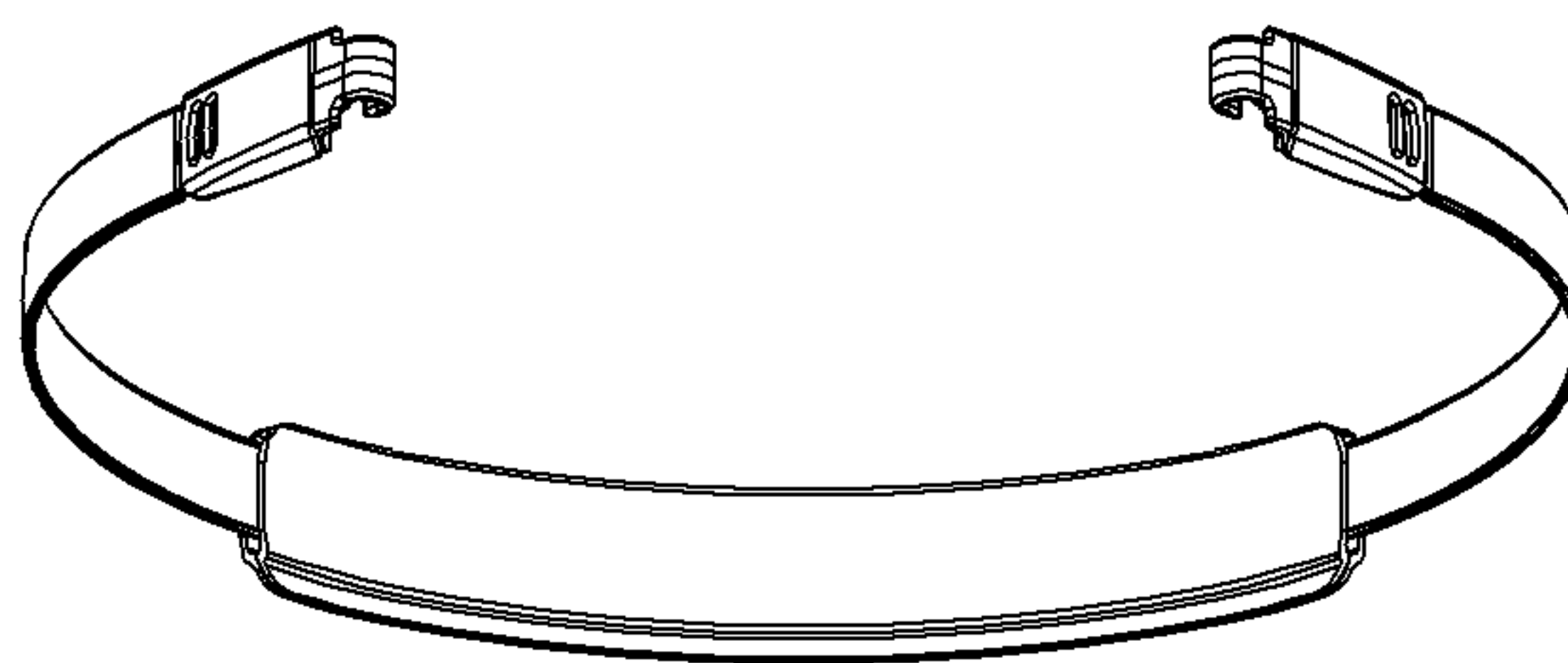
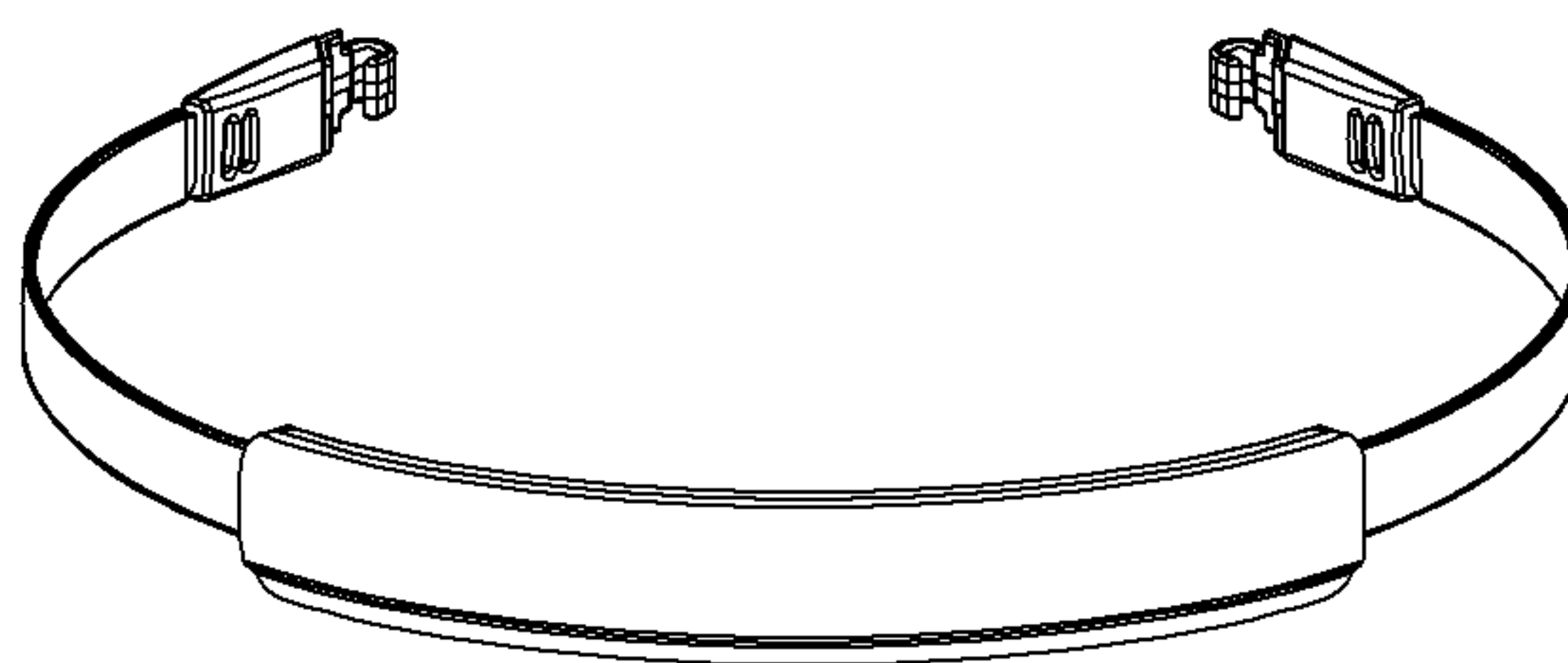


FIG. 42



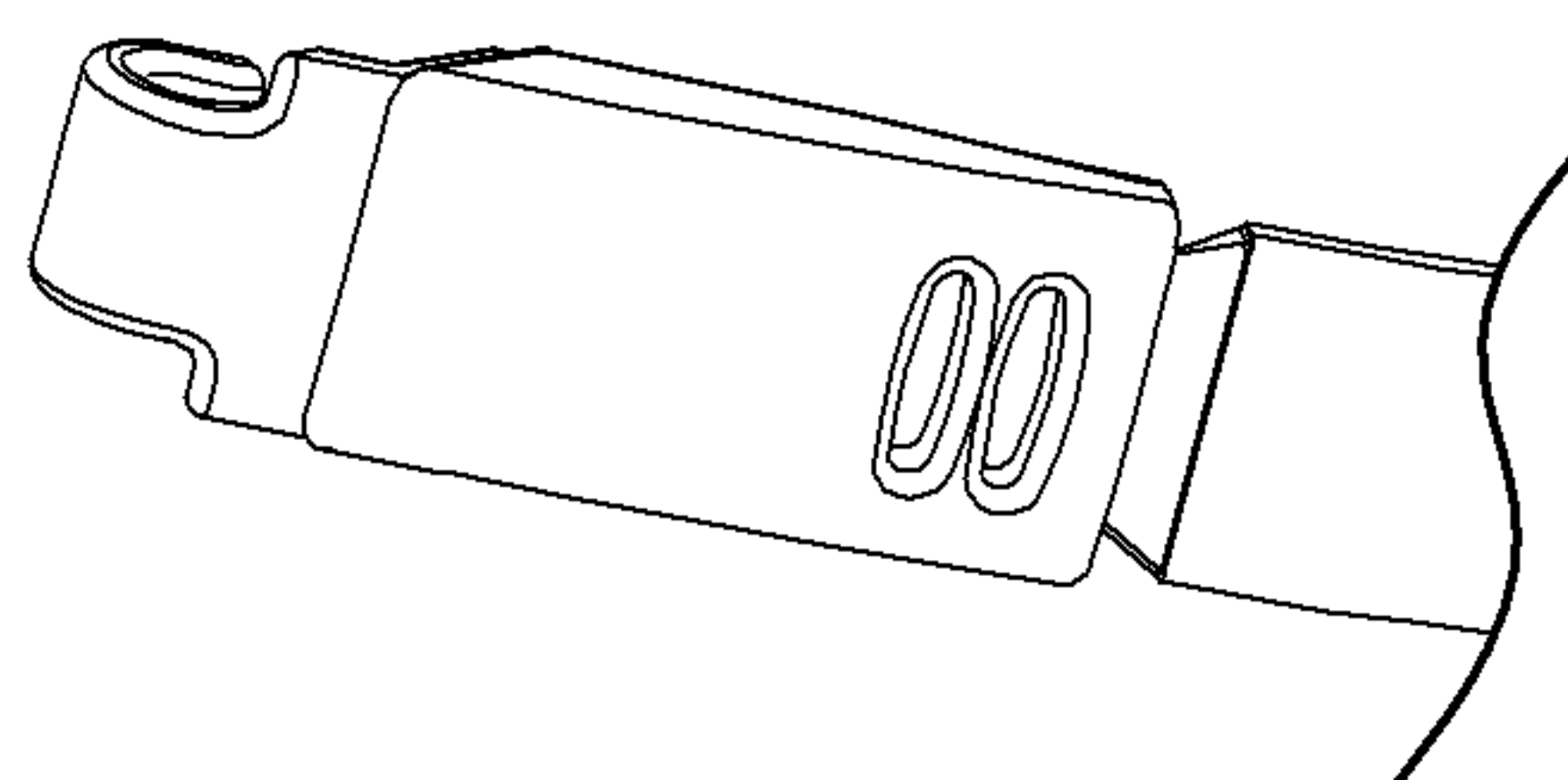


FIG. 43

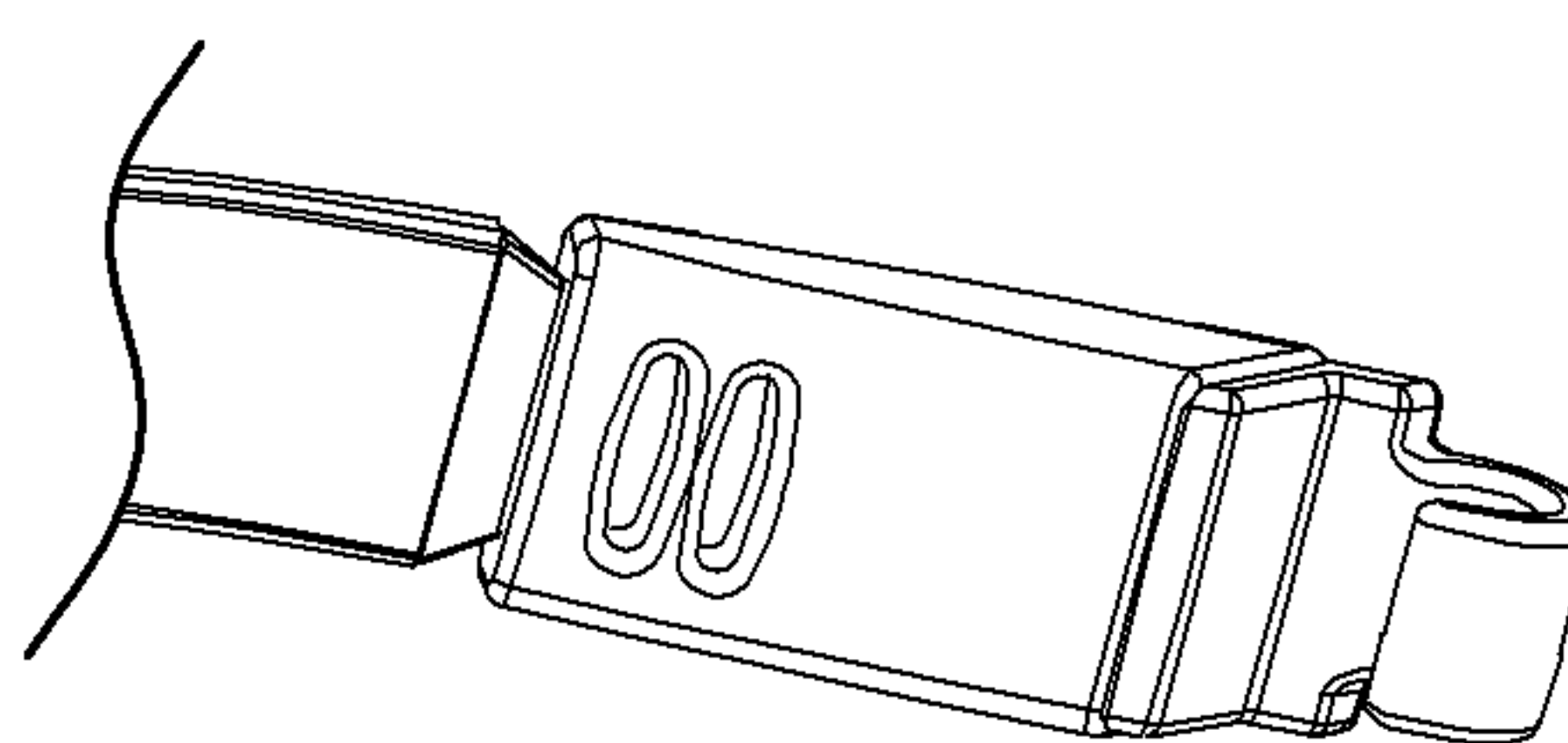


FIG. 44

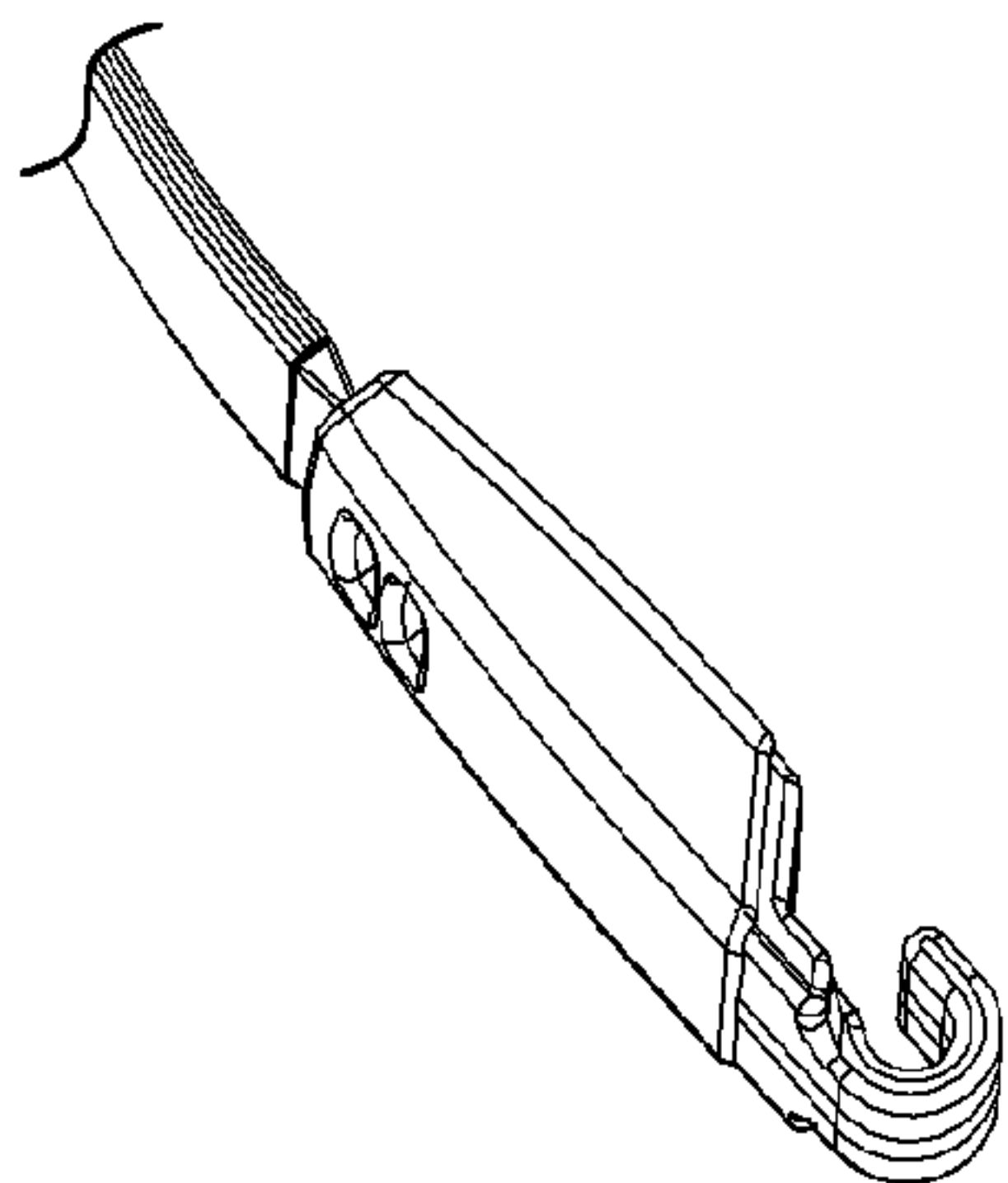


FIG. 45

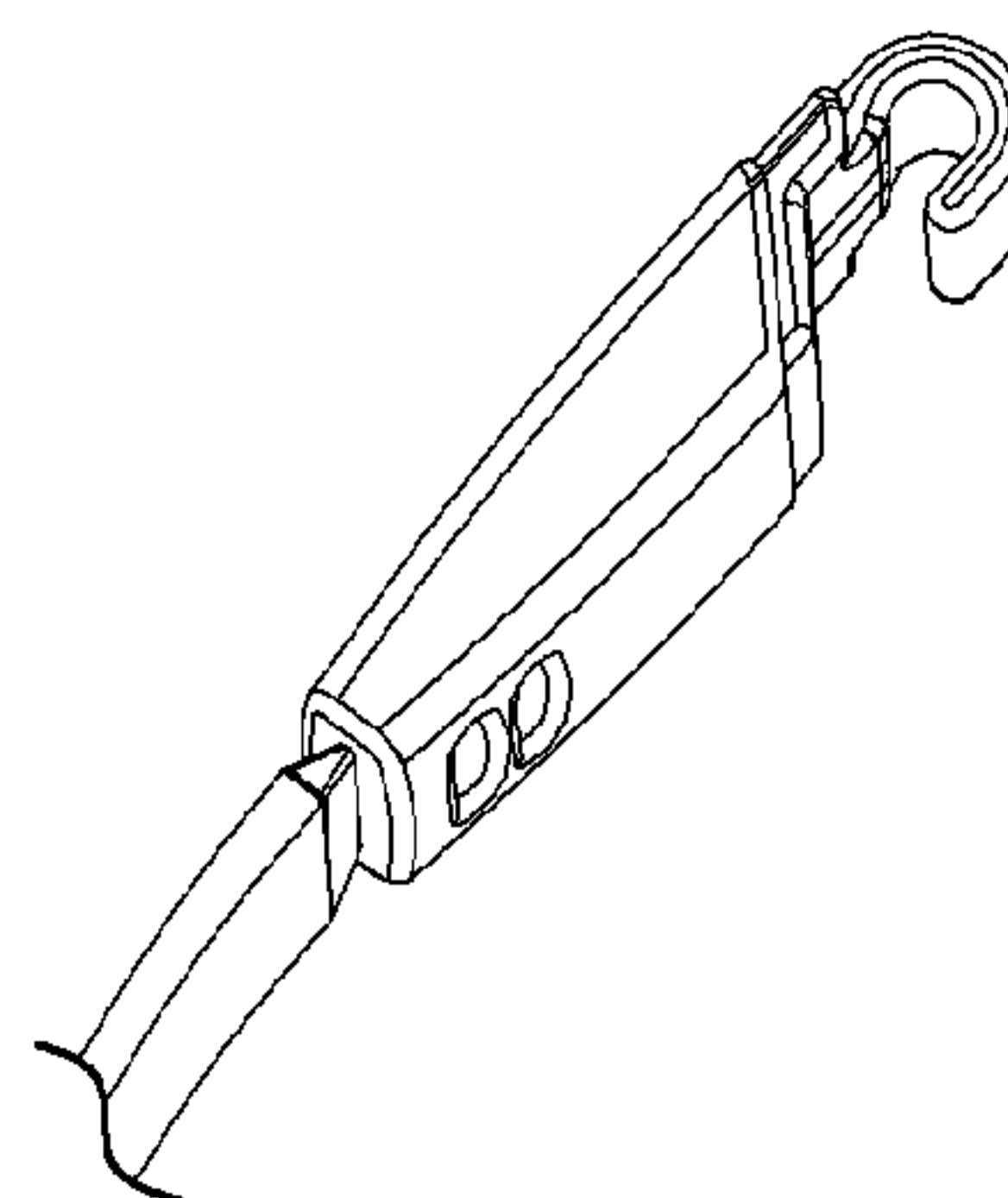


FIG. 46

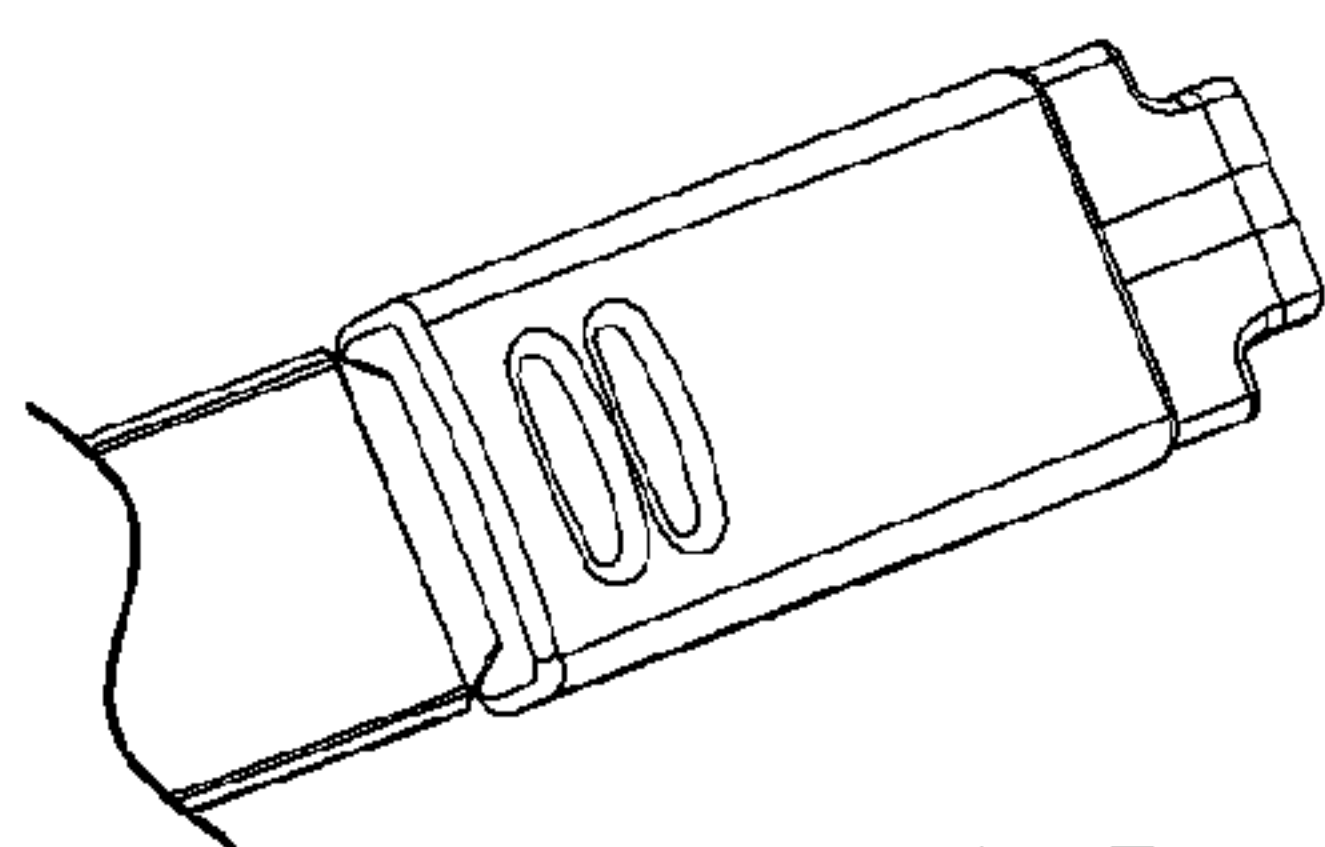


FIG. 47

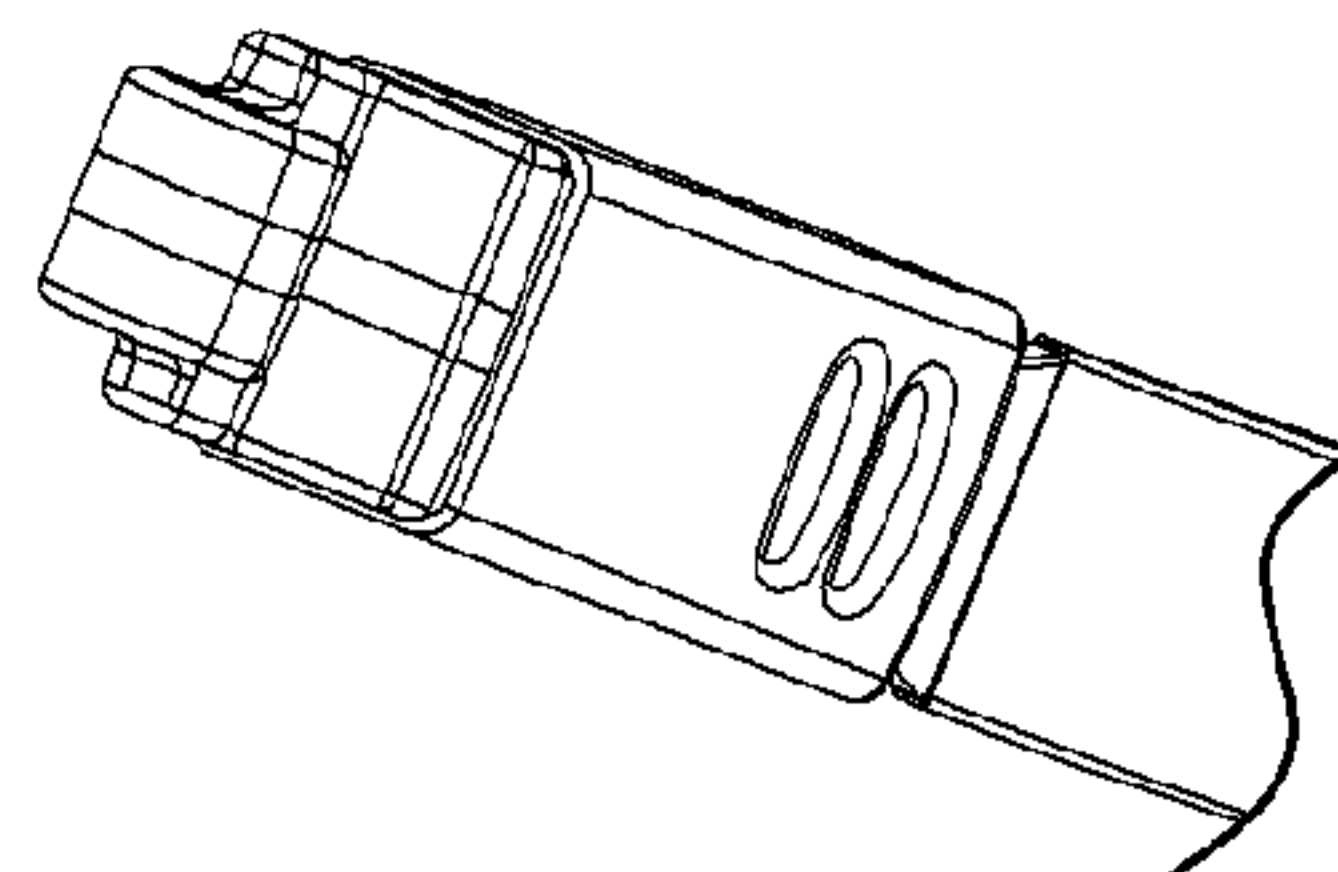


FIG. 48

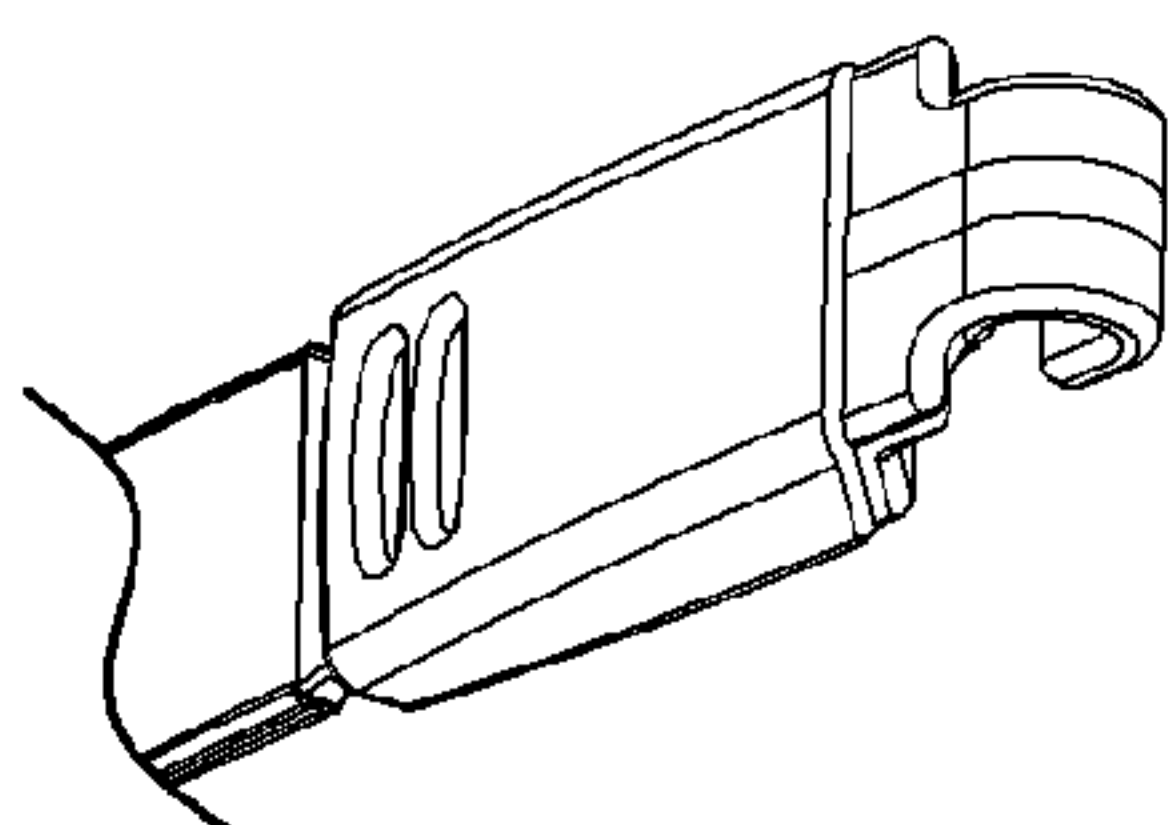


FIG. 49

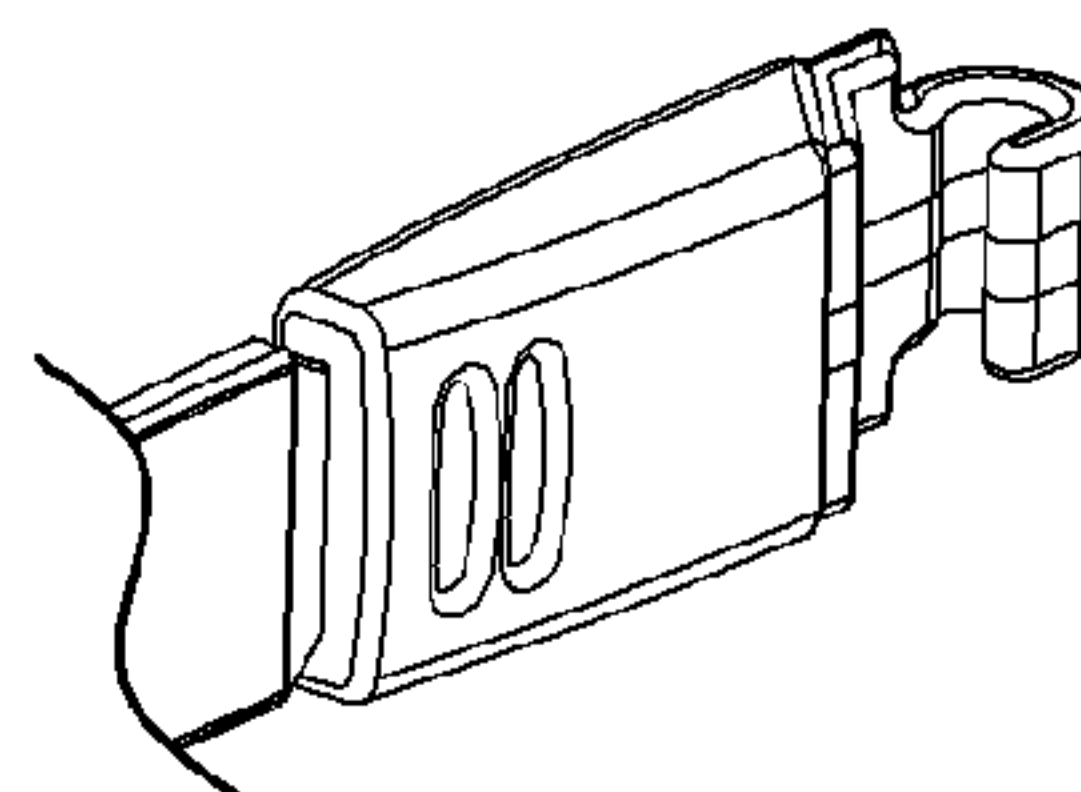


FIG. 50

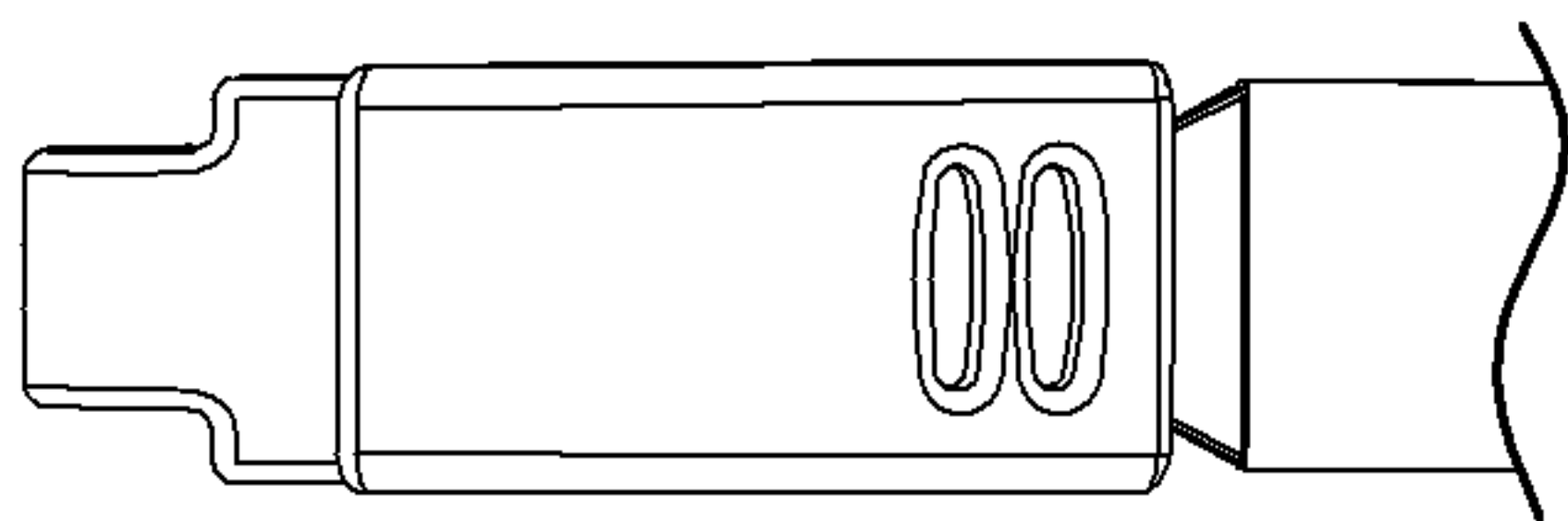


FIG. 51

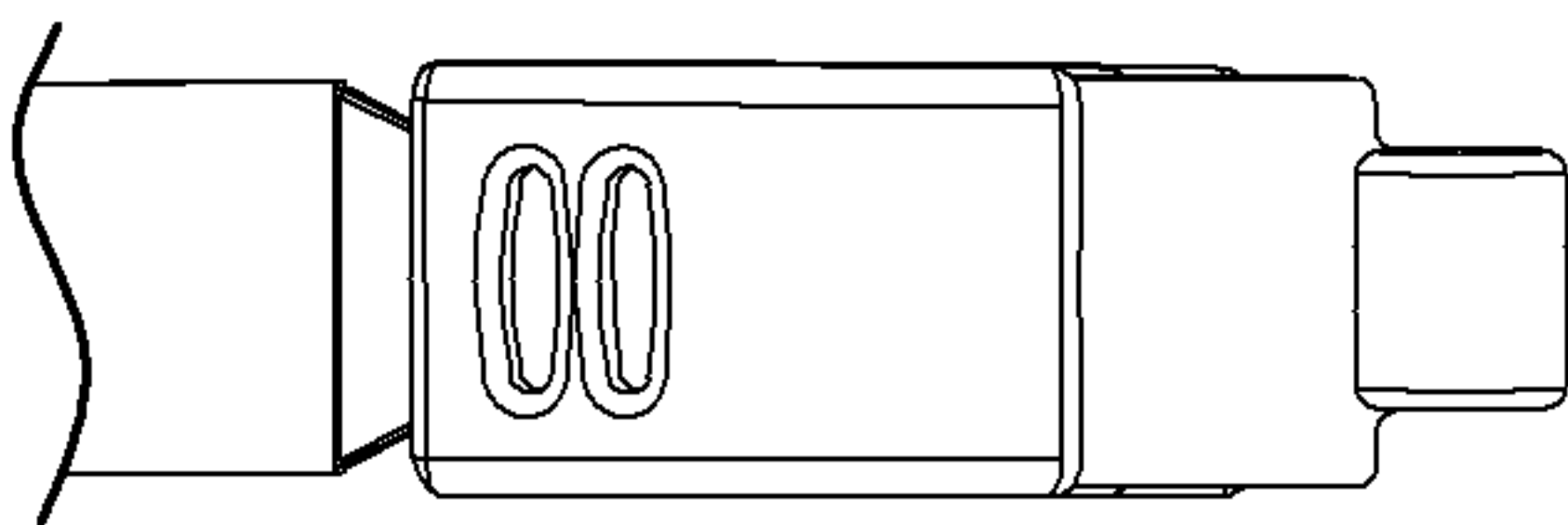


FIG. 52

FIG. 53

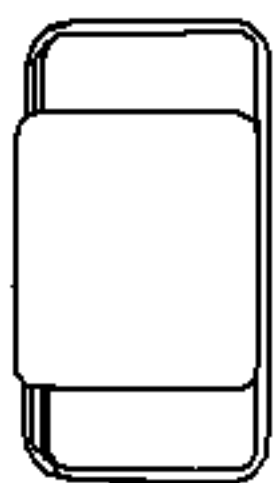


FIG. 54

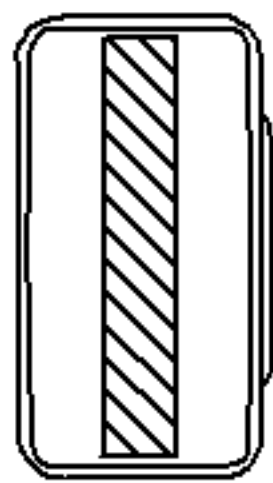


FIG. 55