



US00D760379S

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

(10) **Patent No.:** **US D760,379 S**
(45) **Date of Patent:** **** Jun. 28, 2016**

(54) **HEADGEAR CONNECTOR FOR PATIENT INTERFACE**

(71) Applicant: **ResMed Limited**, Bella Vista, New South Wales (AU)

(72) Inventors: **Christopher James Smith**, Sydney (AU); **Thomas Kirby**, Sydney (AU)

(73) Assignee: **ResMed Limited**, Bella Vista (AU)

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

(21) Appl. No.: **29/480,985**

(22) Filed: **Jan. 31, 2014**

(51) **LOC (10) Cl.** **29-02**

(52) **U.S. Cl.**
USPC **D24/110.4; D24/127**

(58) **Field of Classification Search**

USPC D24/110–110.6, 127
CPC A61M 16/0622; A61M 16/0616;
A61M 16/0816; A61M 16/08; A61M 16/0633;
A61M 16/06; A61M 16/0666; A61M
2210/0618; A61M 16/0683
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,394,568	A *	3/1995	Brostrom	.....	A62B 18/084 128/207.11
D383,204	S *	9/1997	Lomas	.....	D24/110
D496,726	S *	9/2004	Amarasinghe	.....	D24/110
D532,511	S *	11/2006	Amarasinghe	.....	D24/110
D532,512	S *	11/2006	Amarasinghe	.....	D24/110
D540,940	S *	4/2007	Amarasinghe	.....	D24/110
D561,332	S *	2/2008	Amarasinghe	.....	D24/110
7,802,573	B2 *	9/2010	Amarasinghe	....	A61M 16/0683 128/206.21
D679,799	S *	4/2013	D'Souza	.....	D24/110
8,517,023	B2 *	8/2013	Henry	.....	A61M 16/06 128/205.25
D693,459	S *	11/2013	Prentice	.....	D24/110.1
D694,875	S *	12/2013	D'Souza	.....	D24/110
D695,887	S *	12/2013	Ozolins	.....	D24/110.4

D707,349	S *	6/2014	D'Souza	.....	D24/110.1
D740,934	S *	10/2015	Formica	.....	D24/110.1
2004/0065328	A1 *	4/2004	Amarasinghe	.....	A61M 16/06 128/206.27

(Continued)

Primary Examiner — Barbara Fox
Assistant Examiner — Lilyana Bekic

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a perspective view of a headgear connector for patient interface showing the first embodiment in a position of use, according to our new design;

FIG. 2 is an enlarged perspective view thereof in isolation;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof;

FIG. 7 is a right side view thereof;

FIG. 8 is a left side view thereof;

FIG. 9 is a perspective view of a headgear connector for patient interface showing the second embodiment in a position of use, according to our new design;

FIG. 10 is an enlarged perspective view thereof in isolation;

FIG. 11 is a front view thereof;

FIG. 12 is a rear view thereof;

FIG. 13 is a top view thereof;

FIG. 14 is a bottom view thereof;

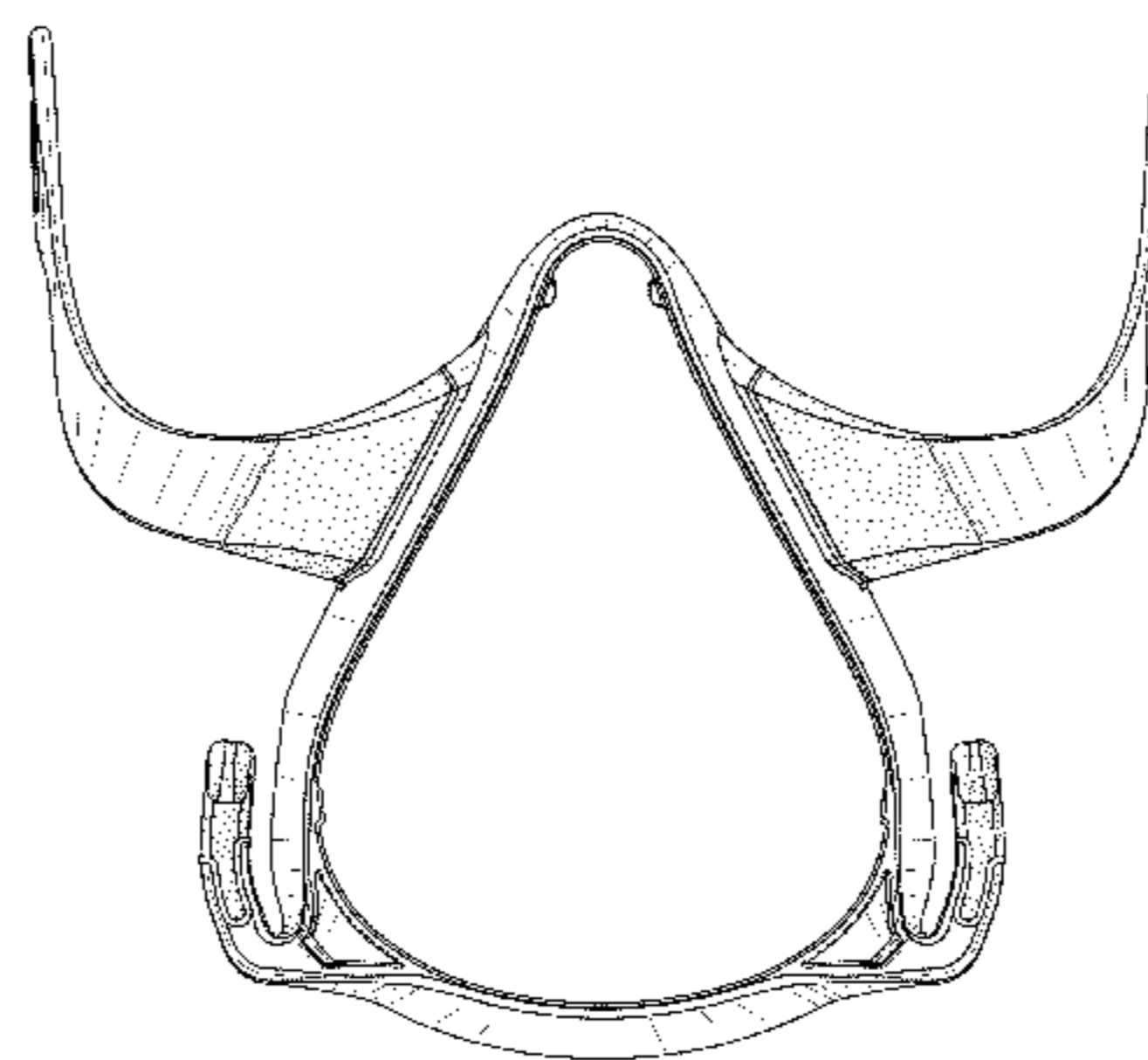
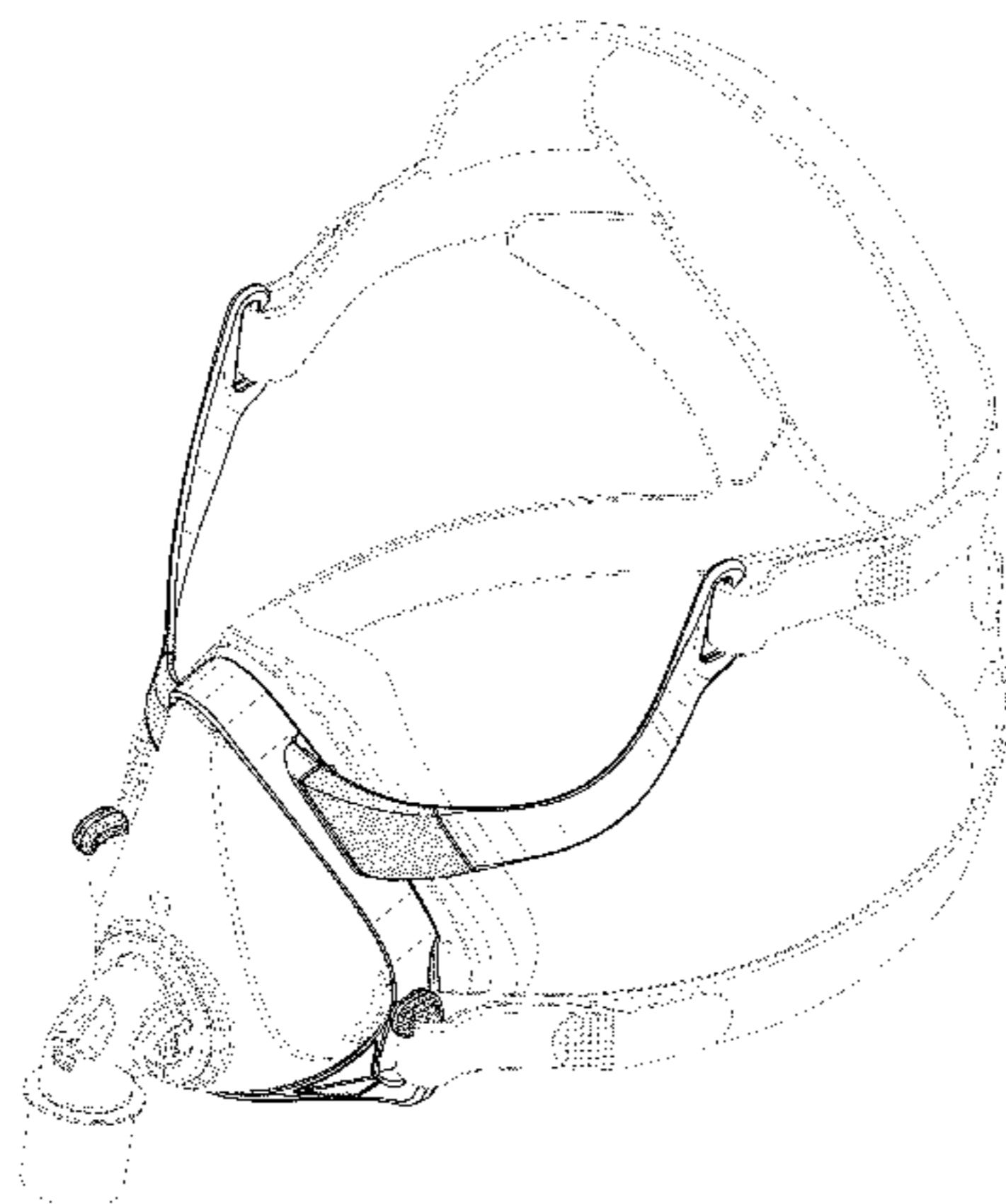
FIG. 15 is a right side view thereof; and,

FIG. 16 is a left side view thereof.

The broken line showing of the patient interface in FIGS. 1 and 9 illustrates the environment of the claimed design and forms no part thereof. The broken lines in FIGS. 4 and 12 illustrate portions of the headgear connector for patient interface which form no part of the claimed design.

Line shading and stippling have been used in the drawings to indicate a contrast in appearance.

1 Claim, 14 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2007/0235033	A1*	10/2007	Reier	.....	A62B 18/084	128/207.11
2009/0178680	A1*	7/2009	Chang	.....	A62B 18/084	128/206.27
2009/0250065	A1*	10/2009	Omura	.....	A61M 16/0683	128/207.11
2010/0319700	A1*	12/2010	Ng	.....	A61M 16/06	128/206.28
2012/0138063	A1*	6/2012	Eves	.....	A61M 16/0683	128/206.24

* cited by examiner

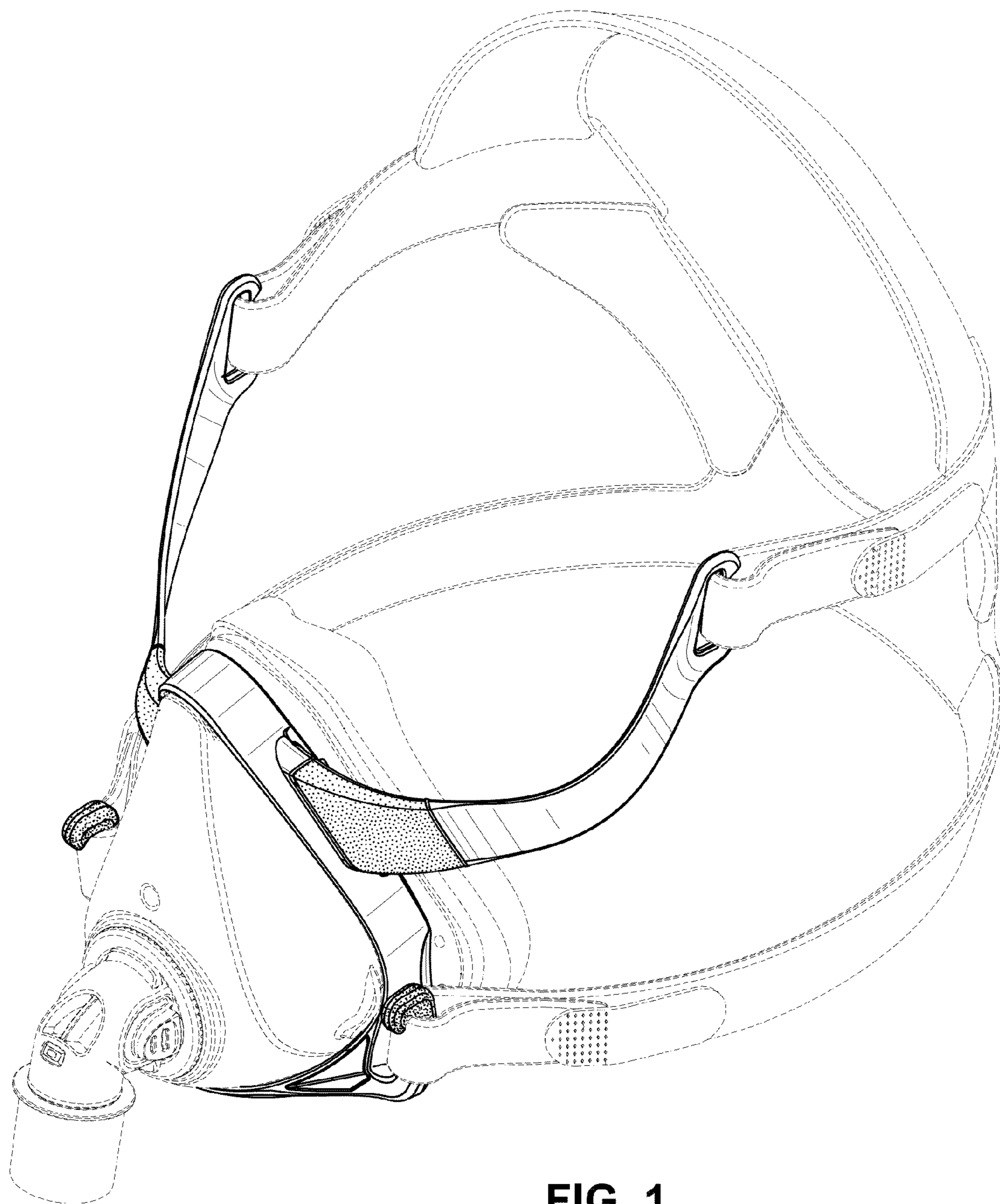


FIG. 1

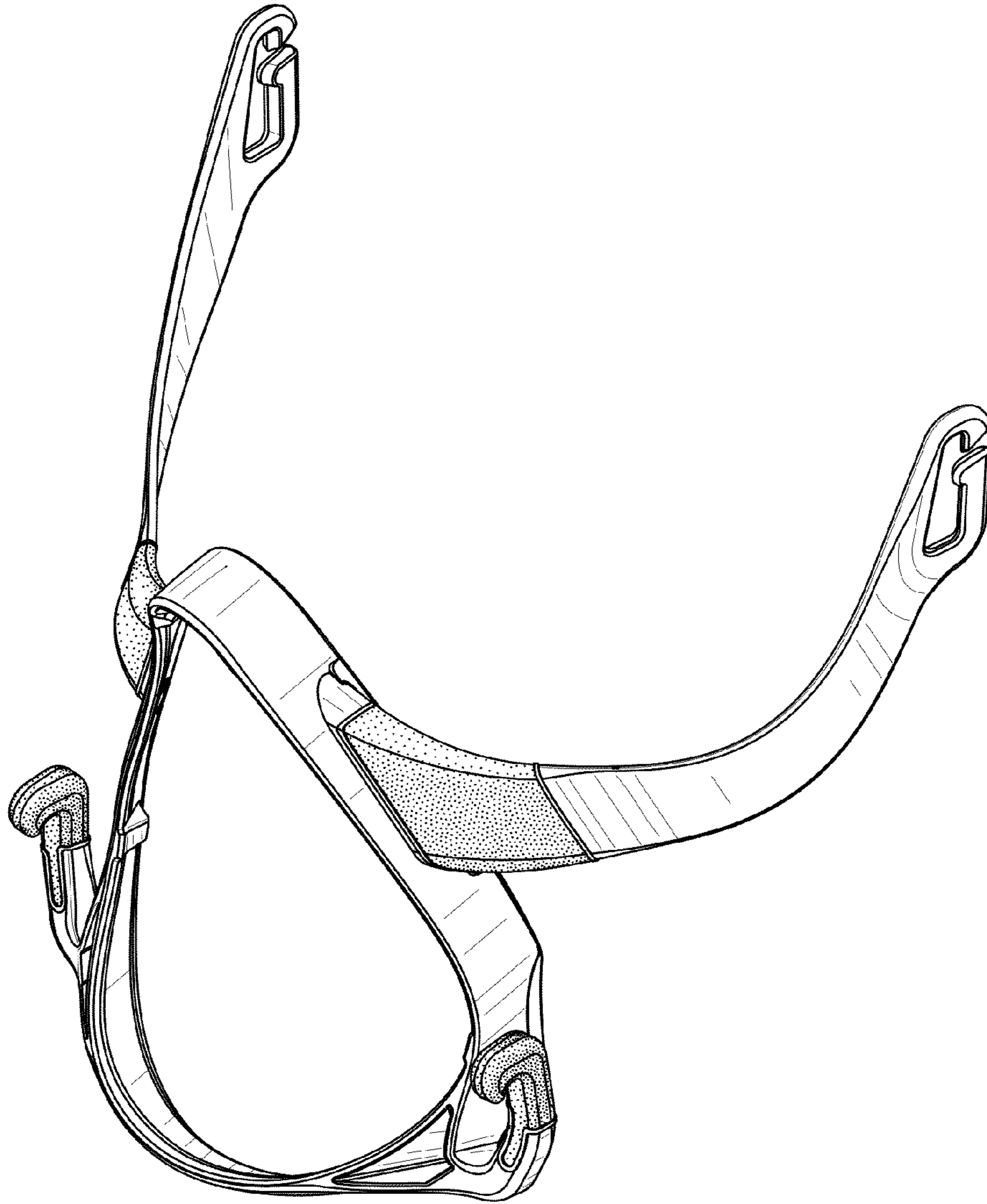


FIG. 2

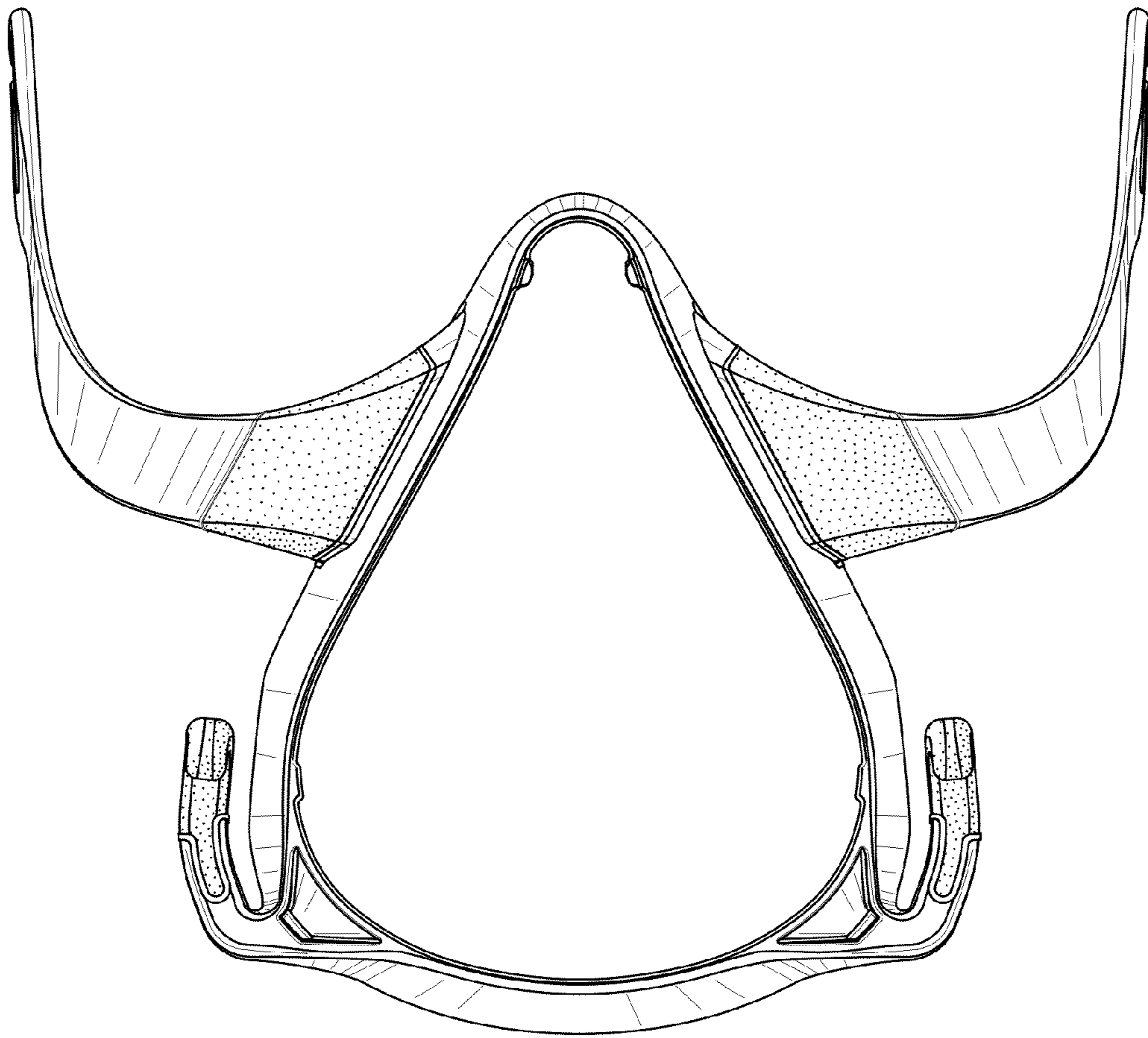


FIG. 3

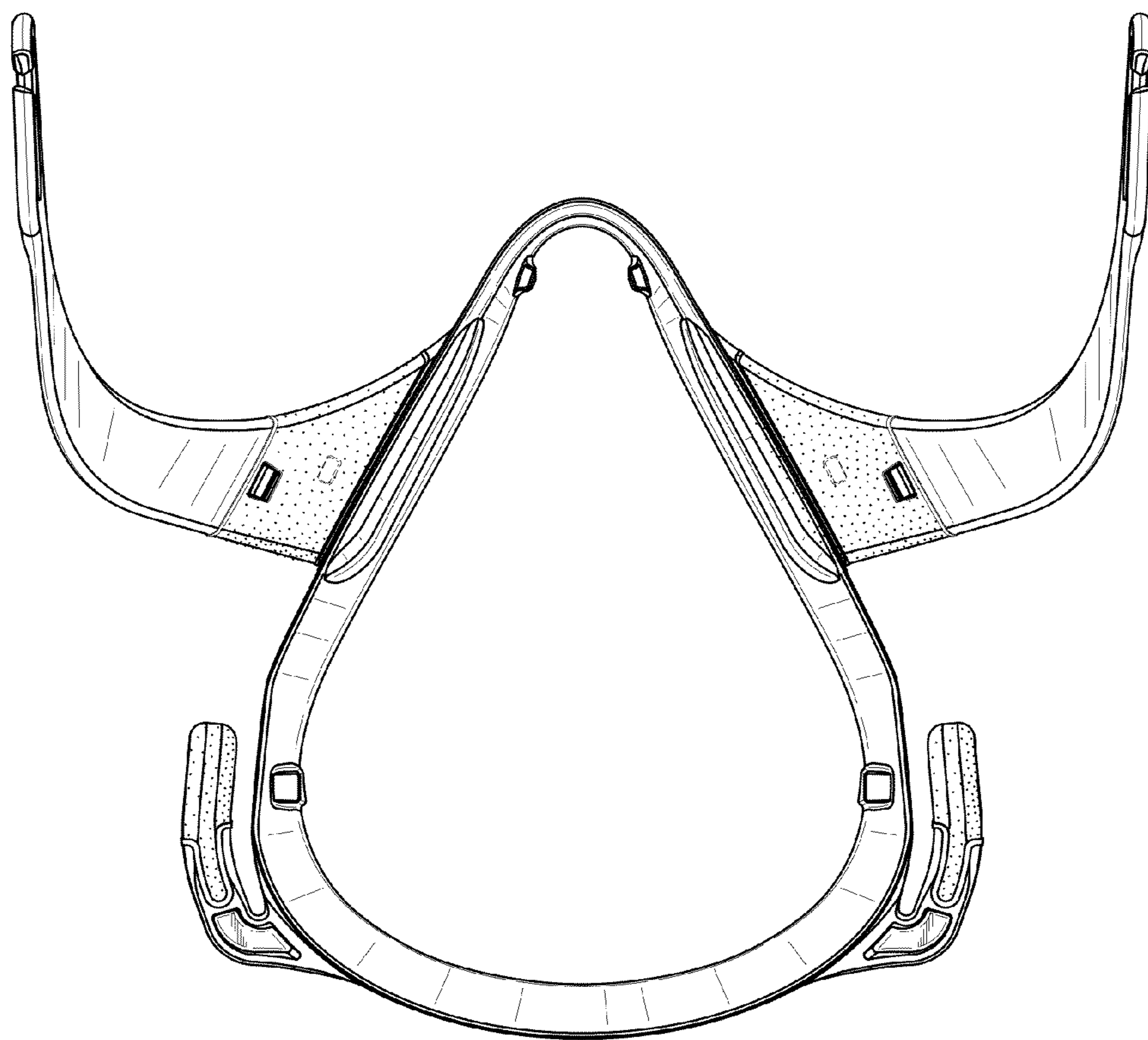


FIG. 4

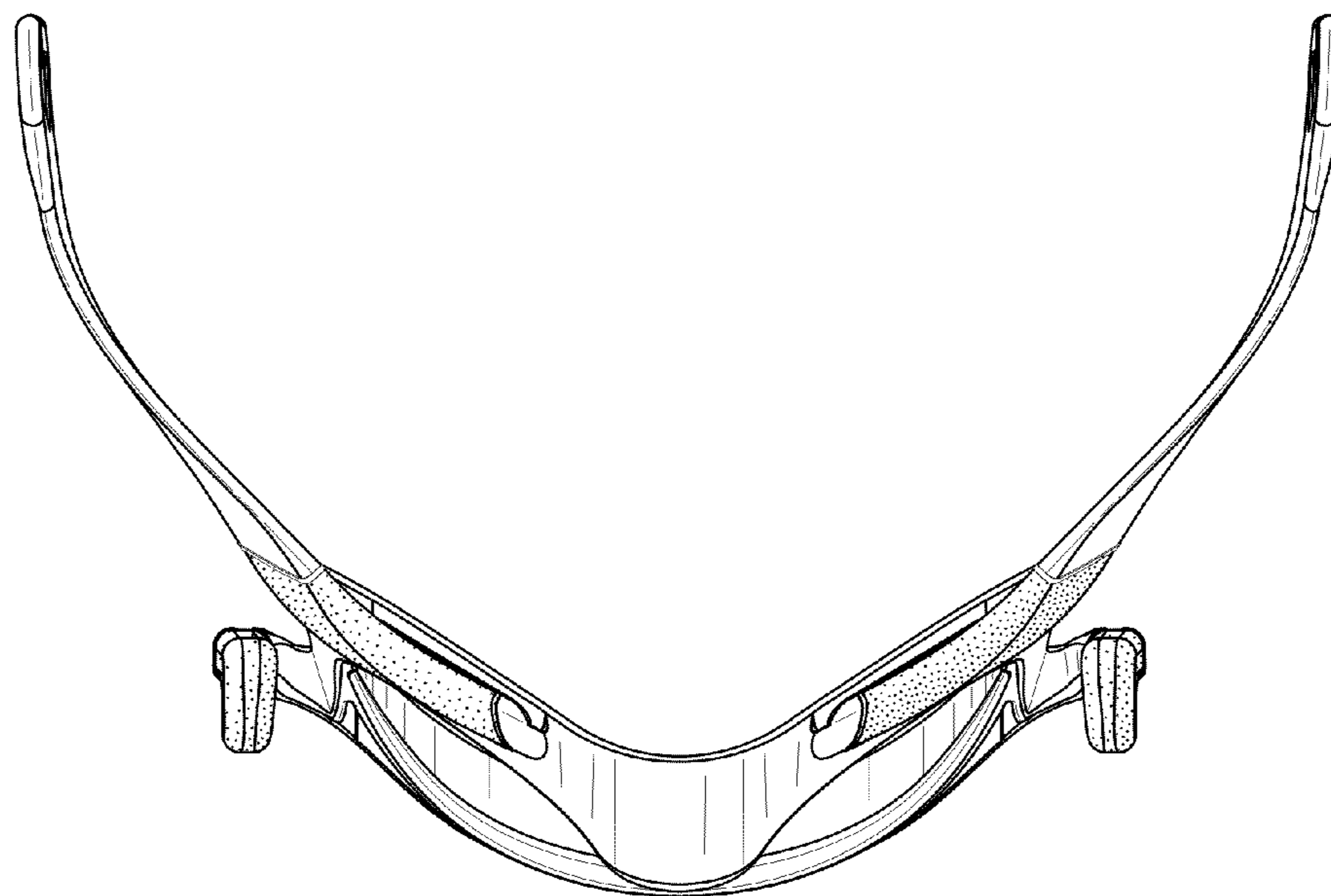


FIG. 5

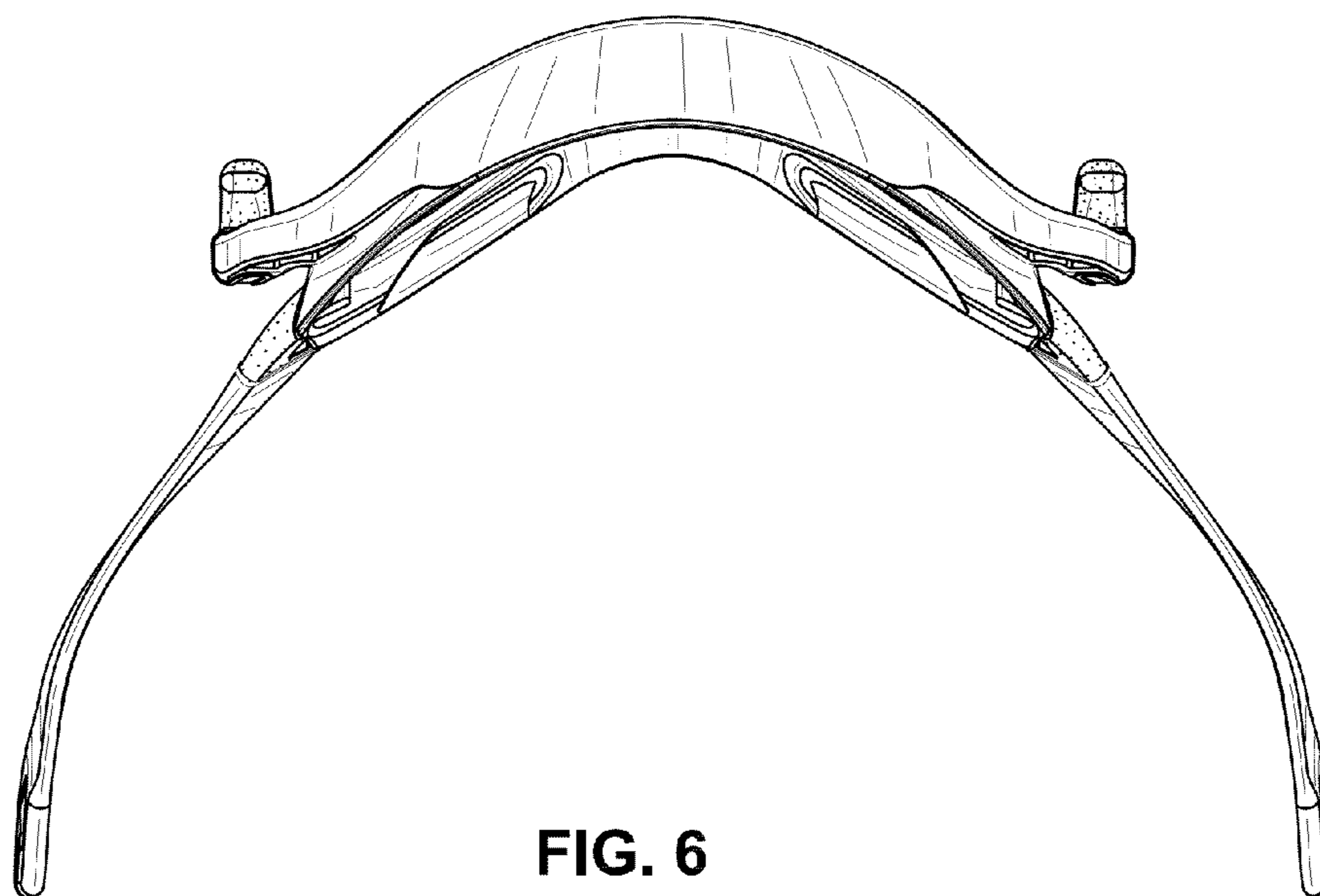


FIG. 6

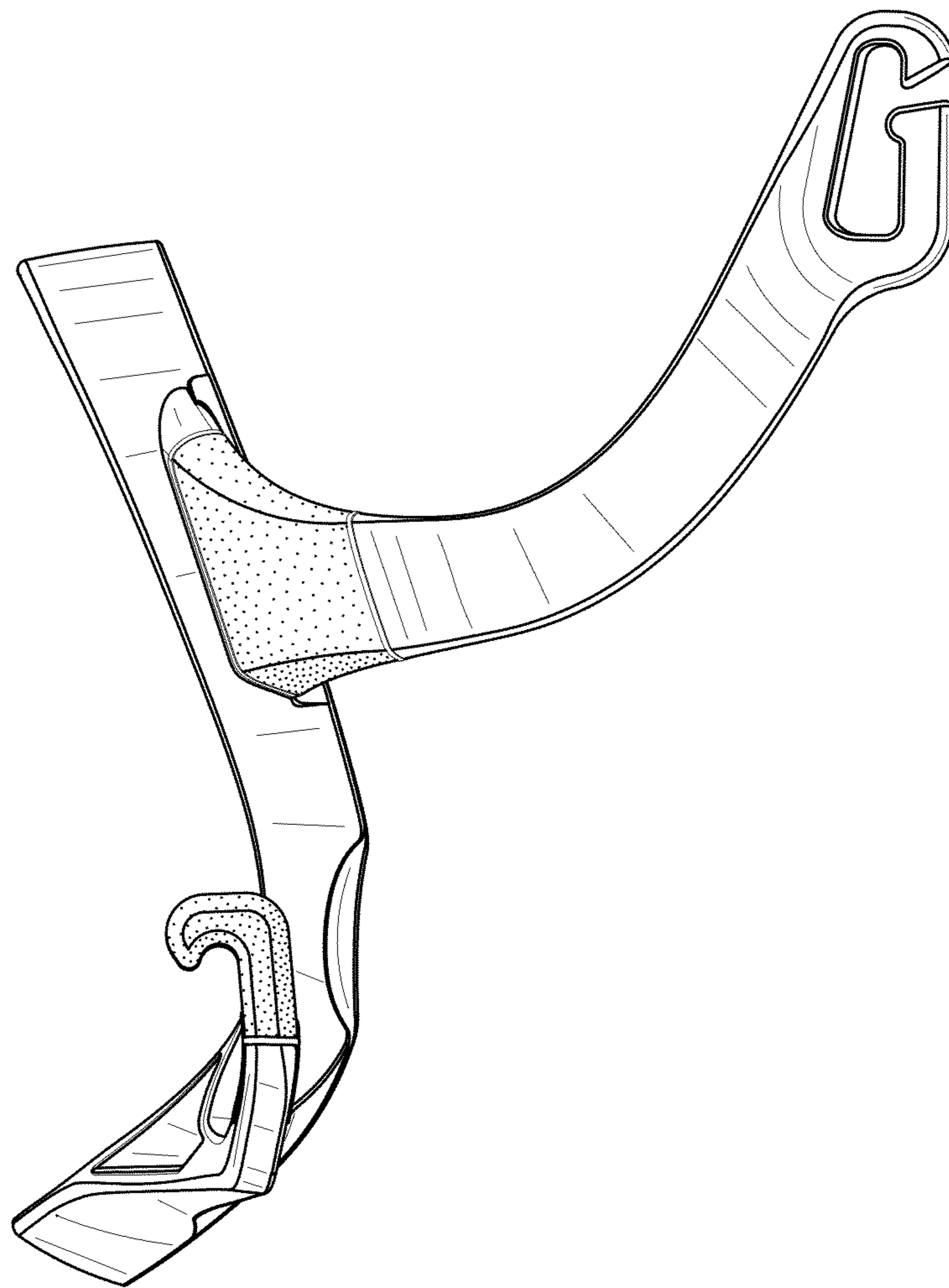


FIG. 7

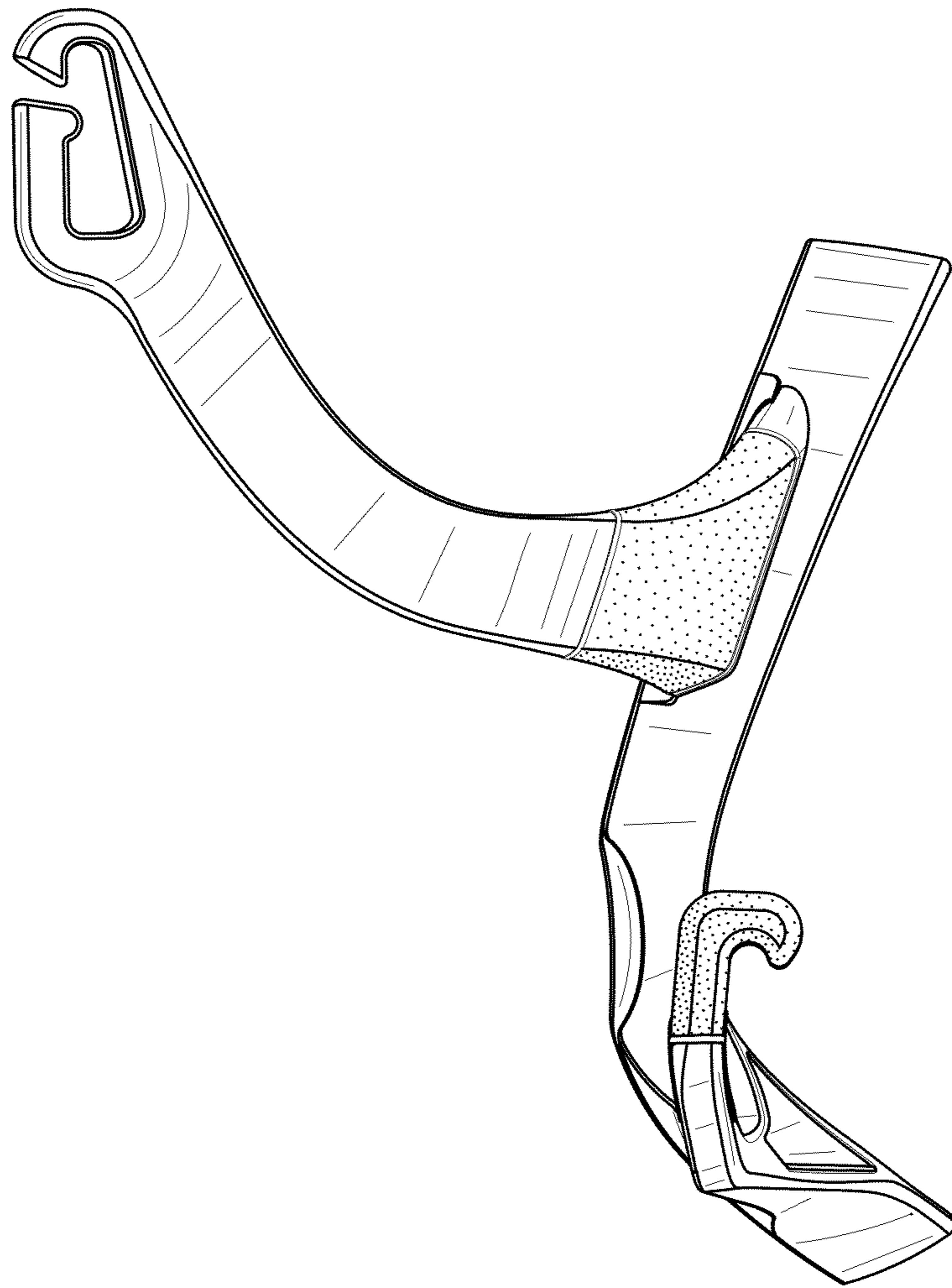


FIG. 8

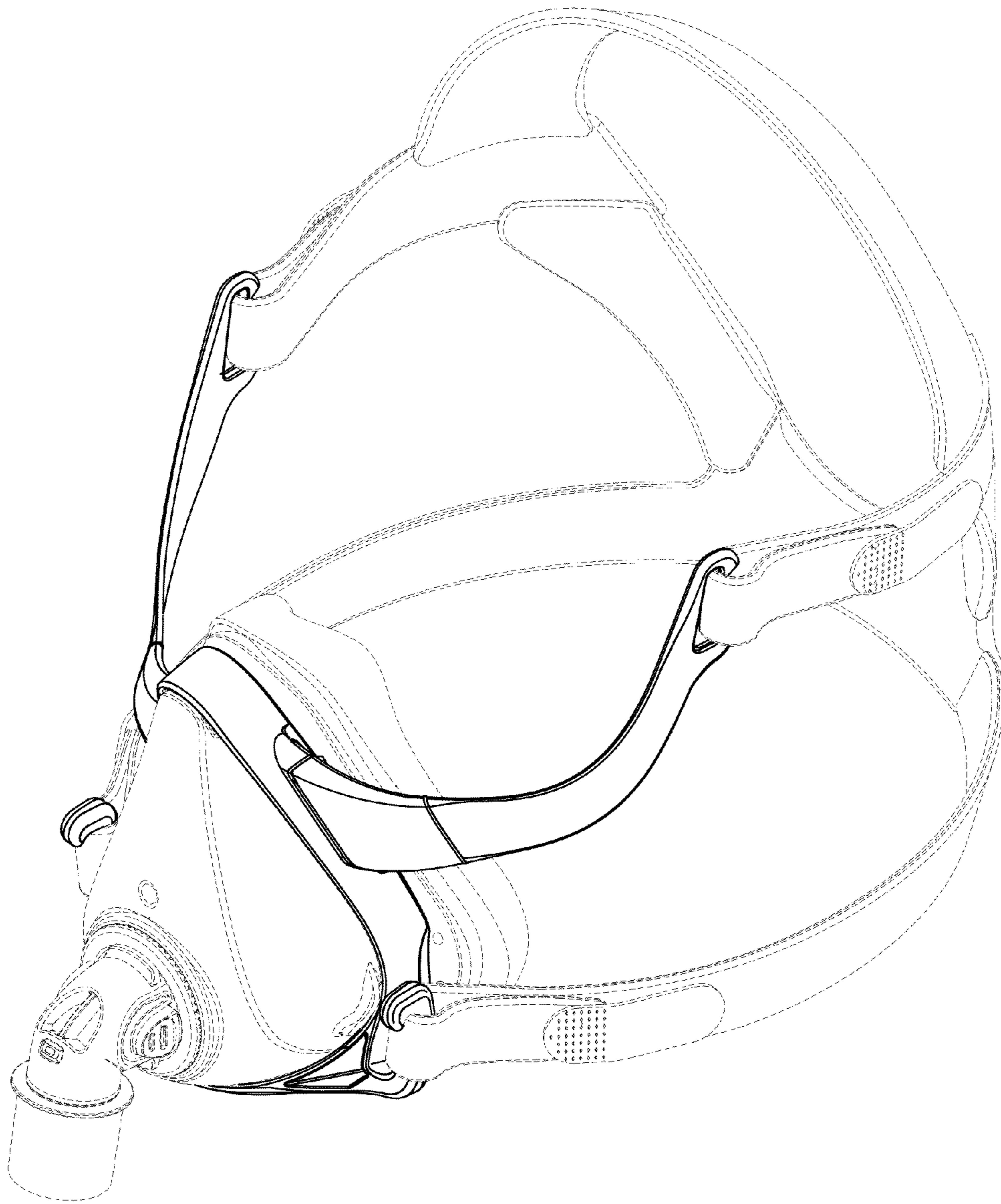


FIG. 9

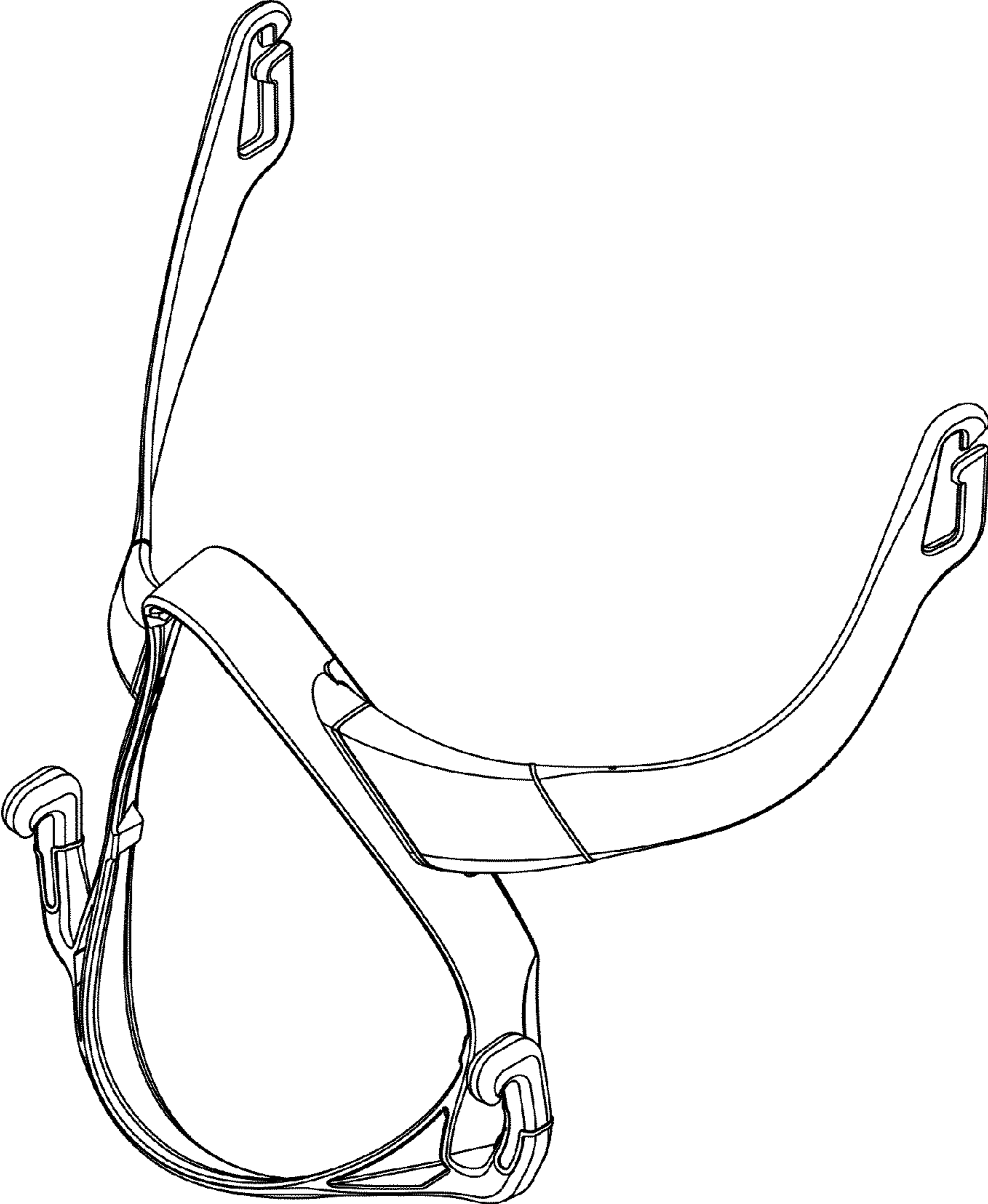


FIG. 10

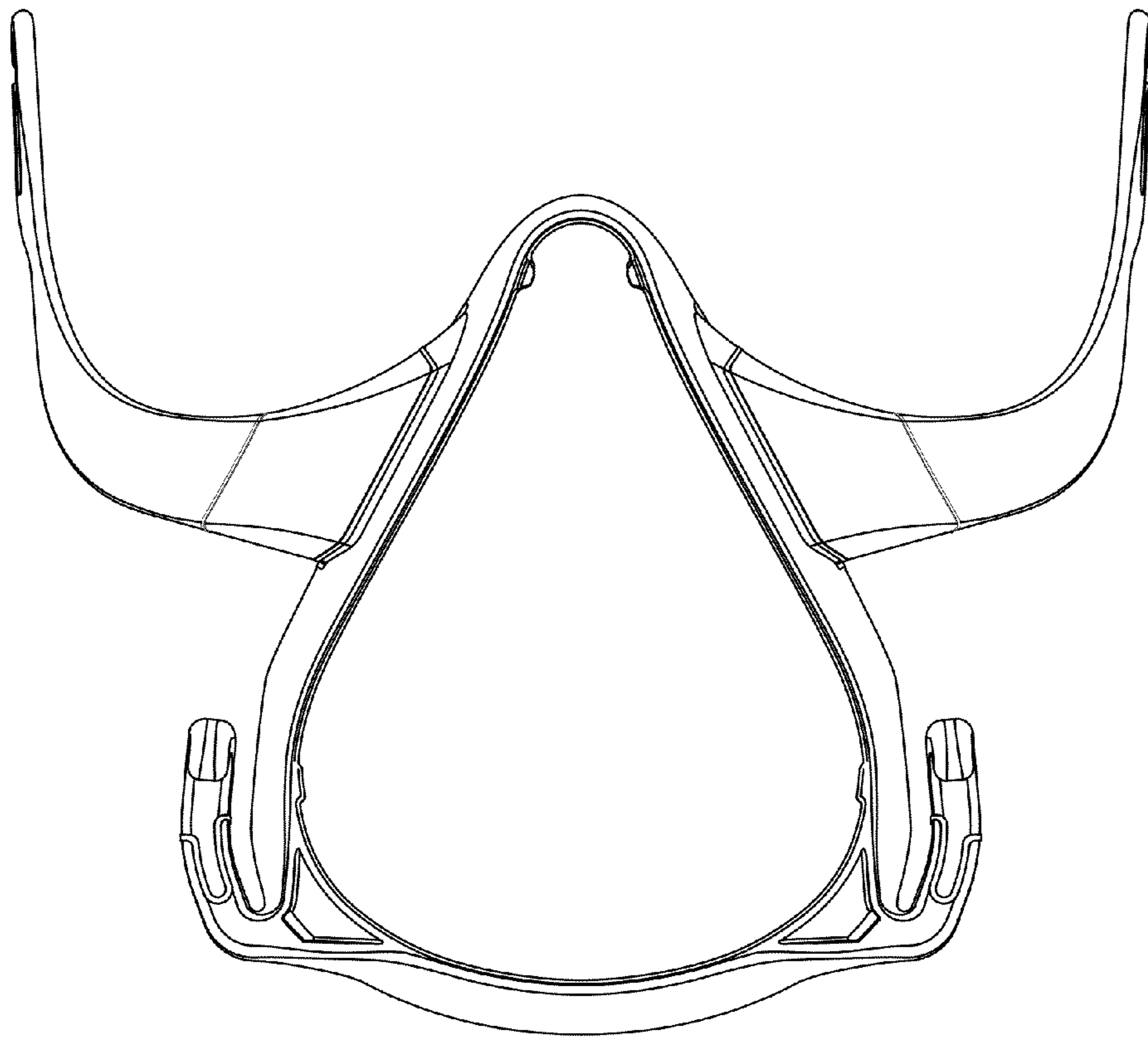


FIG. 11

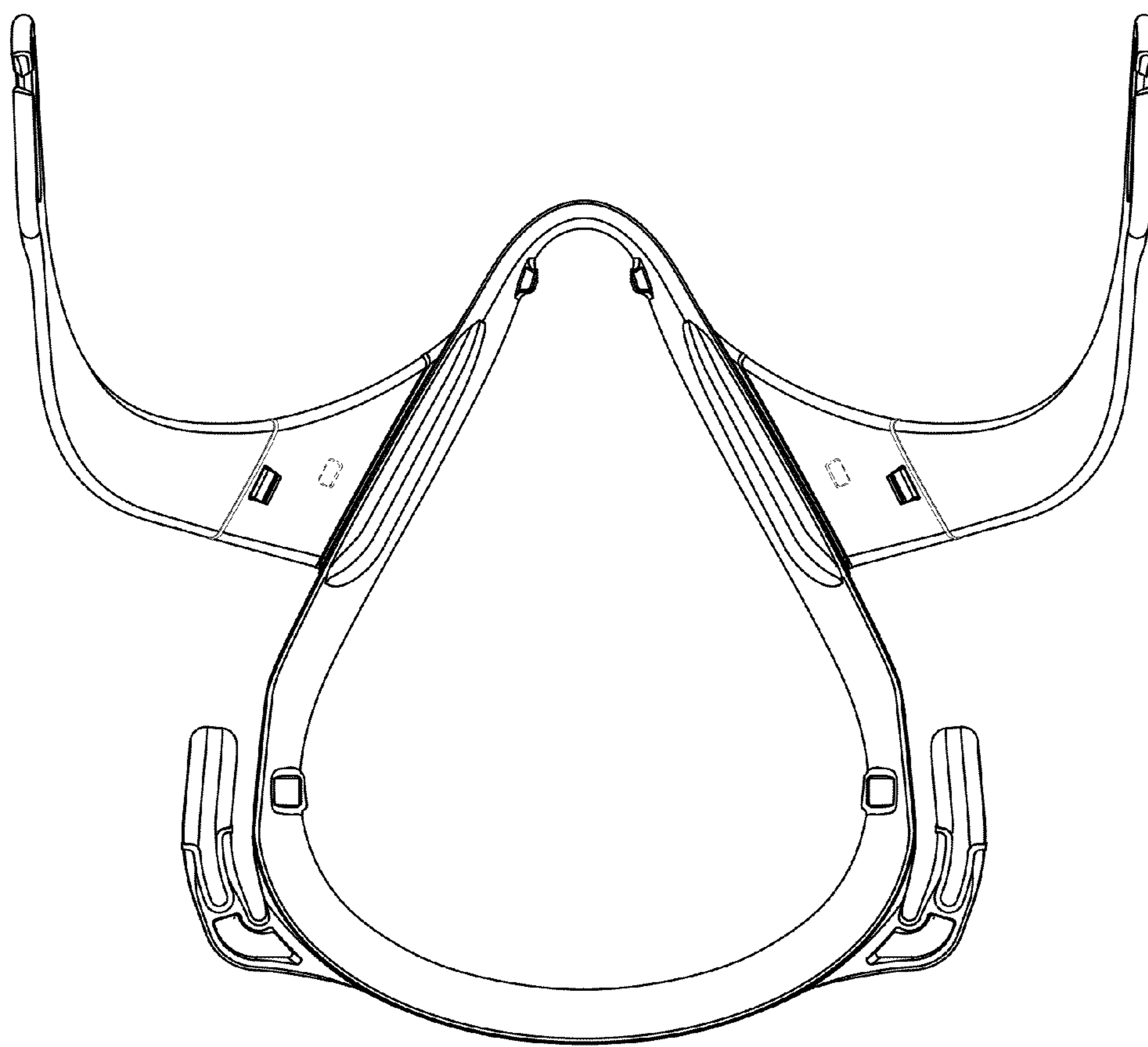


FIG. 12

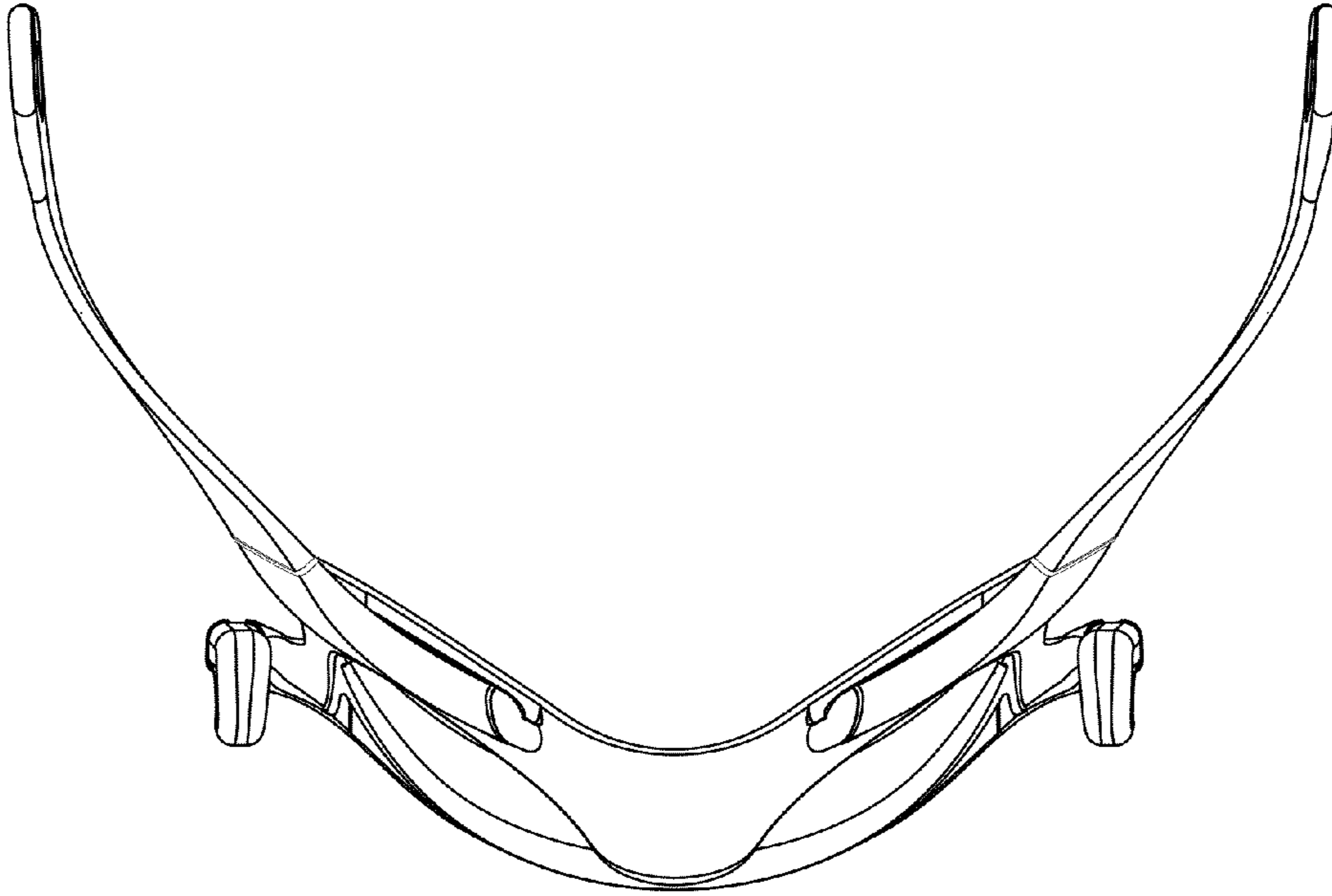


FIG. 13

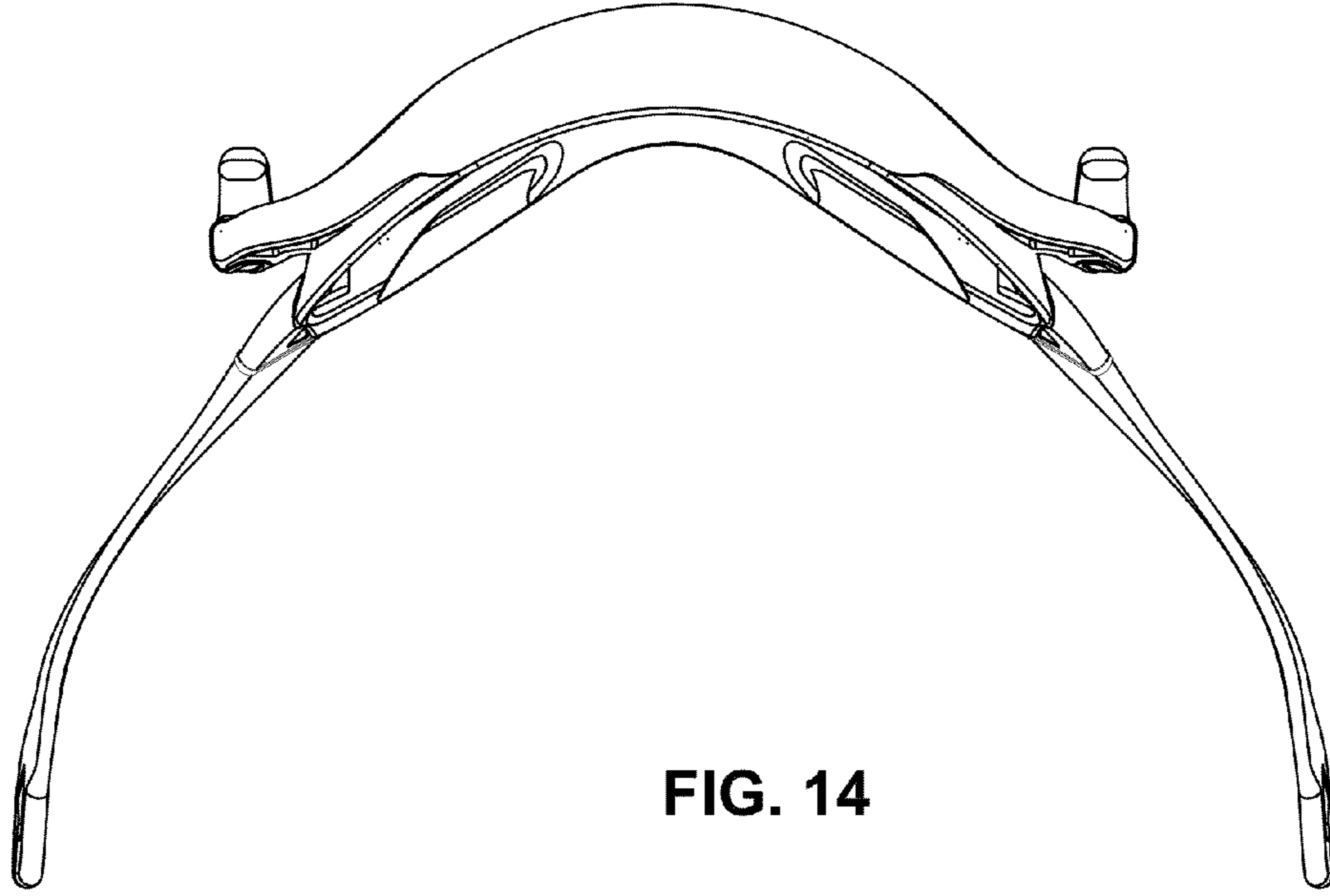


FIG. 14

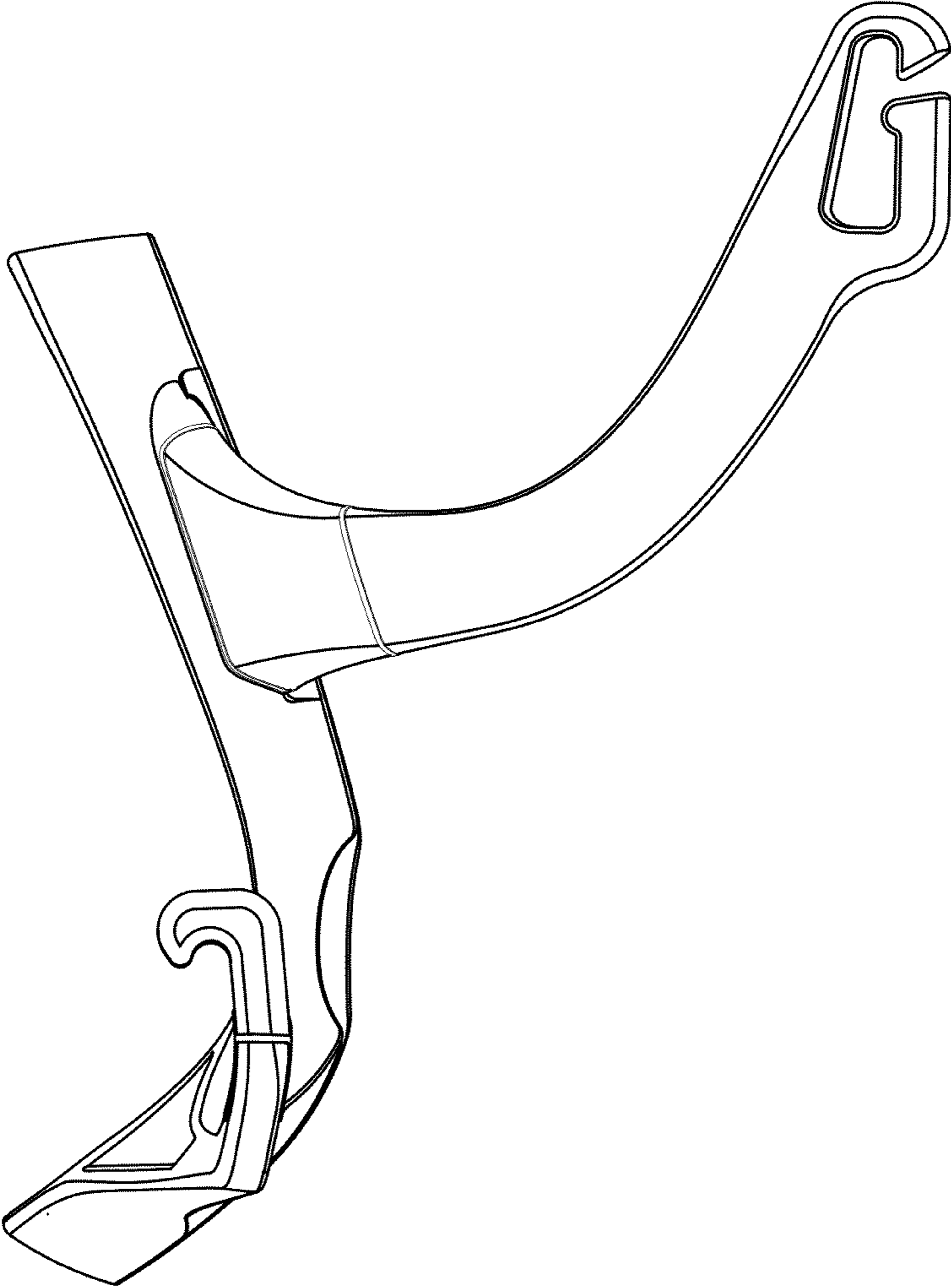


FIG. 15

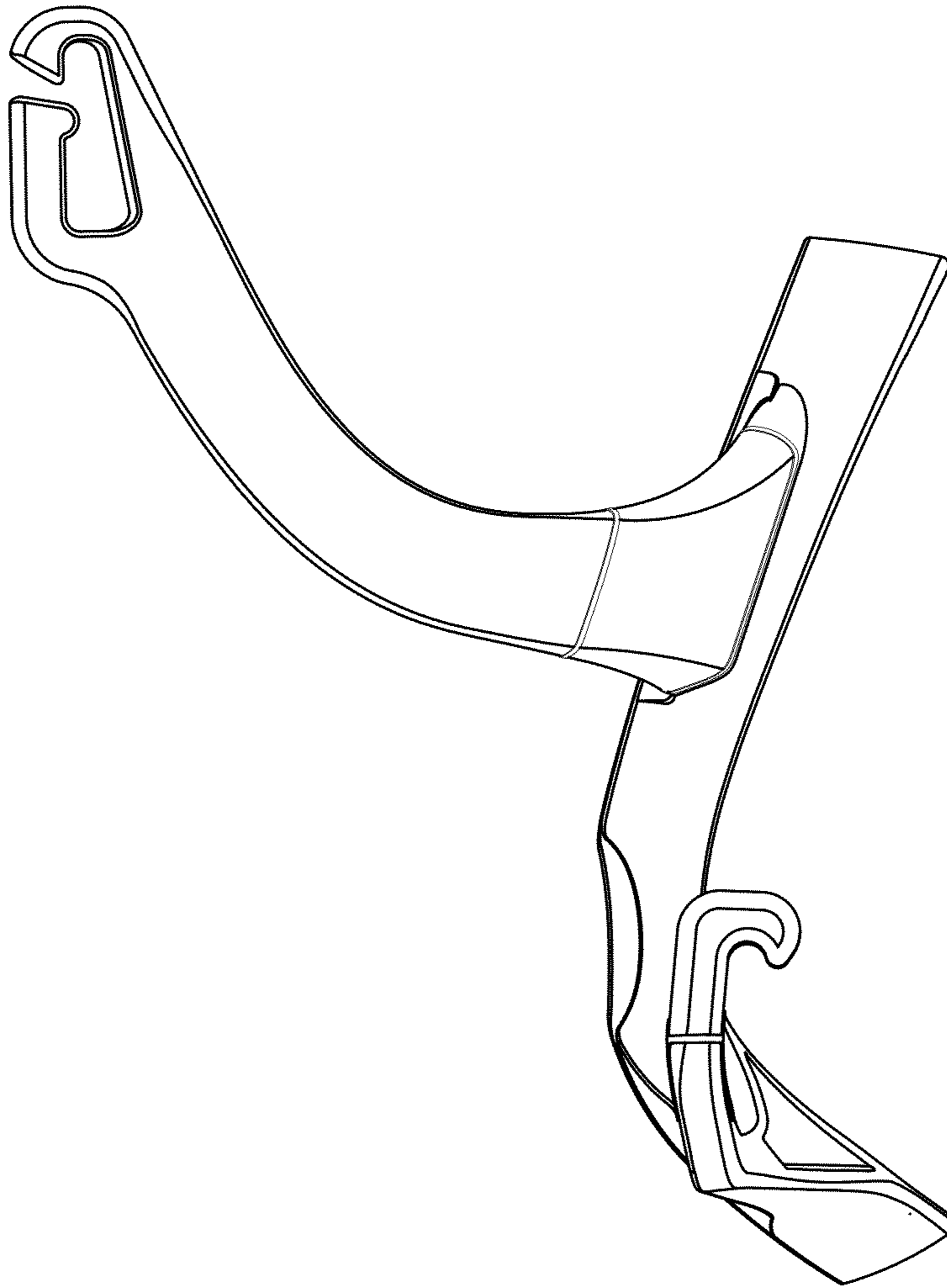


FIG. 16