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Kim et al.

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(54) **ENGAGEMENT MEMBER FOR AIR MASK**

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **29-02**

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

(58) **Field of Classification Search**
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D15/5; D23/261; D29/105, 106, 108,
D29/110, 122
CPC A62B 9/04; A62B 18/084; A62B 18/08;
A62B 23/02
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,296,775 A * 9/1942 Dockson A41D 13/11
128/863
2,845,927 A * 8/1958 Hill A62B 23/025
200/8 R
5,003,633 A * 4/1991 Itoh A62B 18/025
2/9
D419,670 S * 1/2000 Pollard D24/110.4
6,615,832 B1 * 9/2003 Chen A62B 18/08
128/206.28
D487,510 S * 3/2004 Guney D24/110.1

D558,331 S * 12/2007 Davidson D24/110.4
D562,444 S * 2/2008 Guney D24/110.1
D569,969 S * 5/2008 Lin D24/110.4
D571,459 S * 6/2008 D'Souza D24/110.1
D576,272 S * 9/2008 Jones D24/110.1
D578,207 S * 10/2008 D'Souza D24/110.4

(Continued)

FOREIGN PATENT DOCUMENTS

CN 306516491 * 5/2021
JP D1703853 * 1/2022

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(57) **CLAIM**

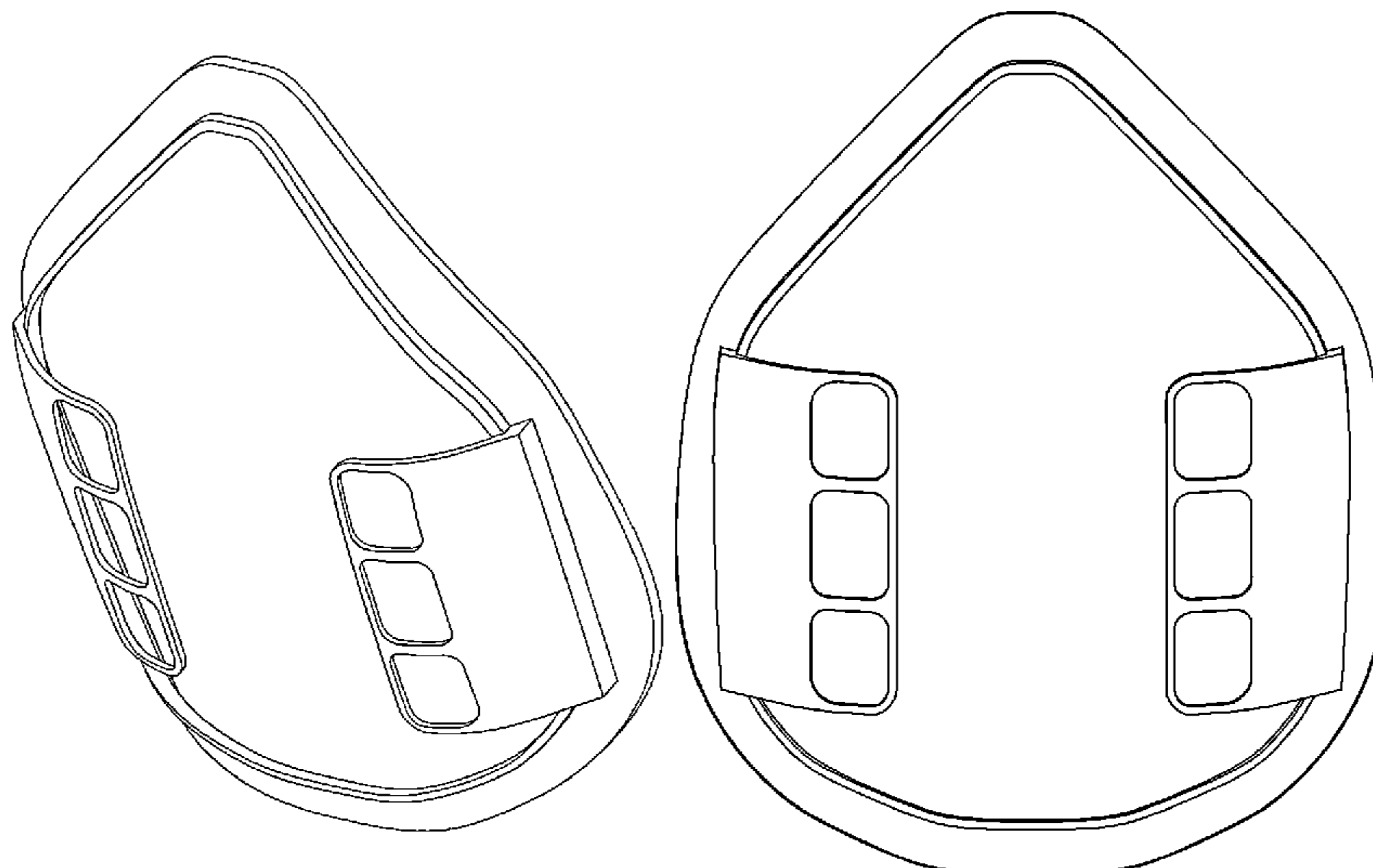
The ornamental design for an engagement member for air mask, as shown and described.

DESCRIPTION

FIG. 1 is a front, right side perspective view of an engagement member for air mask showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is an exploded perspective view showing the design of FIG. 1 within an air mask.

The subject design is an engagement member for air mask that connects and fixes between the mask body and silicone support frame for the sealing of the air mask. The broken lines indicate portions of an air mask that are shown for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D578,208 S *	10/2008	Abel	D24/110.4	2010/0163049 A1 *	7/2010	Osier	A61M 16/0611 29/428
D600,342 S *	9/2009	D'Souza	D24/110.4	2010/0229872 A1 *	9/2010	Ho	A61M 16/06 128/206.25
D613,852 S *	4/2010	Dantanarayana	D24/110.4	2014/0044905 A1 *	2/2014	Nickol	B29D 22/00 264/571
D624,176 S *	9/2010	Smart	D24/110.1	2014/0216479 A1 *	8/2014	Jeong	A62B 18/025 128/863
8,069,855 B2 *	12/2011	Chang	A62B 18/08 128/206.16	2014/0345621 A1 *	11/2014	Zack	A61M 16/0605 29/428
D684,257 S *	6/2013	Clarke	D24/110.1	2020/0206546 A1 *	7/2020	Kim	A62B 23/025
D773,121 S *	11/2016	Yuan	D29/108	2021/0162244 A1 *	6/2021	Jang	A62B 18/084
D795,417 S *	8/2017	Amarasinghe	D24/110.1	2021/0298385 A1 *	9/2021	Hays	A62B 23/025
D894,394 S *	8/2020	Huang	D24/162	2021/0307415 A1 *	10/2021	Scalisi	A41D 13/1138
10,744,352 B2 *	8/2020	Tucker	A62B 23/02	2021/0322796 A1 *	10/2021	Hubbard	B01D 39/1623
10,974,084 B1 *	4/2021	Grinvald	A62B 18/025	2021/0368876 A1 *	12/2021	Szasz	A62B 23/025
D928,306 S *	8/2021	Charles	D24/110.4	2021/0370108 A1 *	12/2021	Duval	A62B 23/025
D934,412 S *	10/2021	Zeng	D24/110.1	2021/0379416 A1 *	12/2021	Kim	A62B 18/006
2002/0005199 A1 *	1/2002	Schmidtke	A62B 18/08 128/201.12	2021/0387021 A1 *	12/2021	Liu	A61N 5/1049
2003/0029454 A1 *	2/2003	Gelinas	A62B 18/025 128/205.27	2021/0387026 A1 *	12/2021	Cortina-Cordero	A62B 18/10
				2022/0040615 A1 *	2/2022	Cooper	B01D 39/163

* cited by examiner

FIG. 1

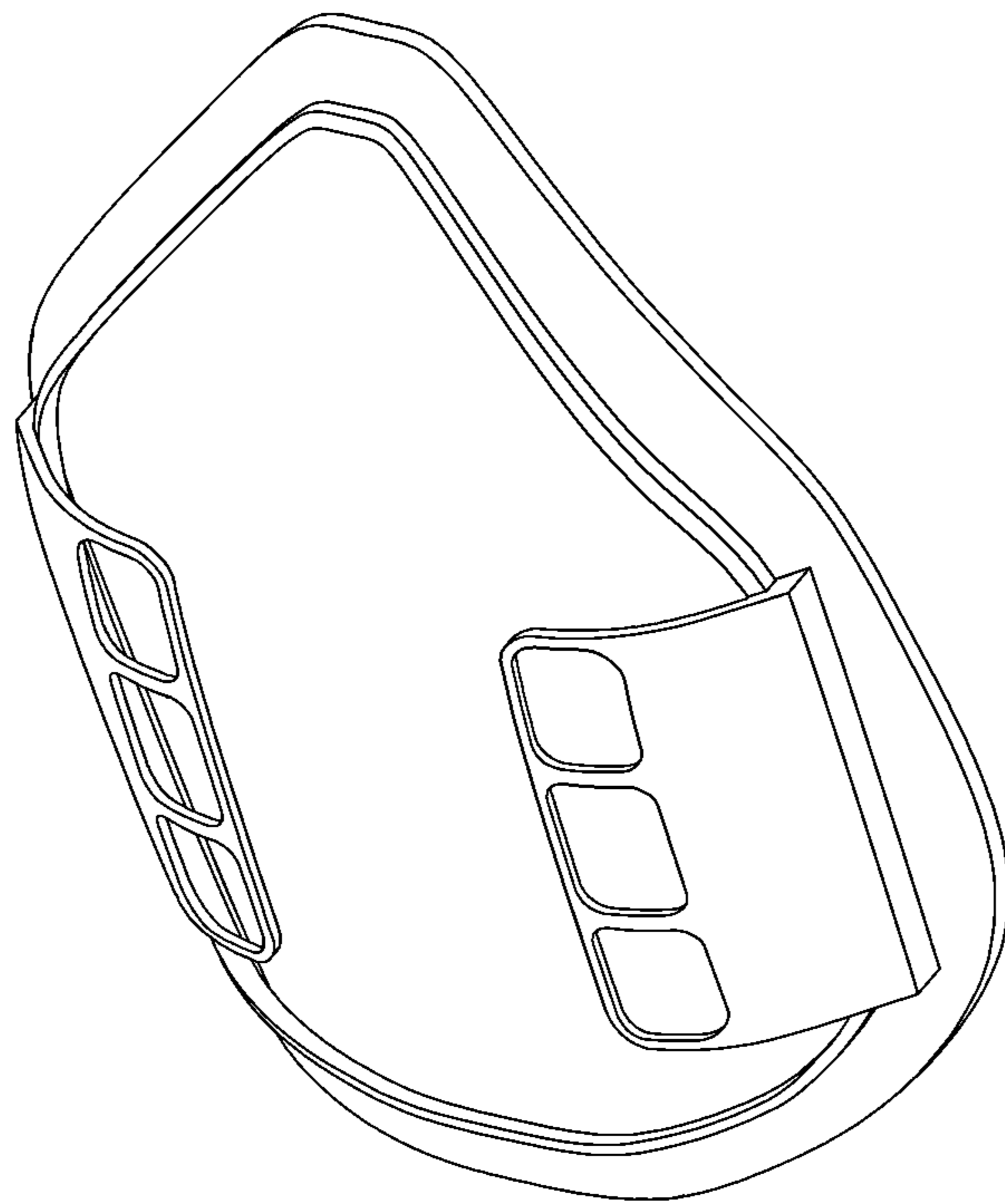


FIG. 2

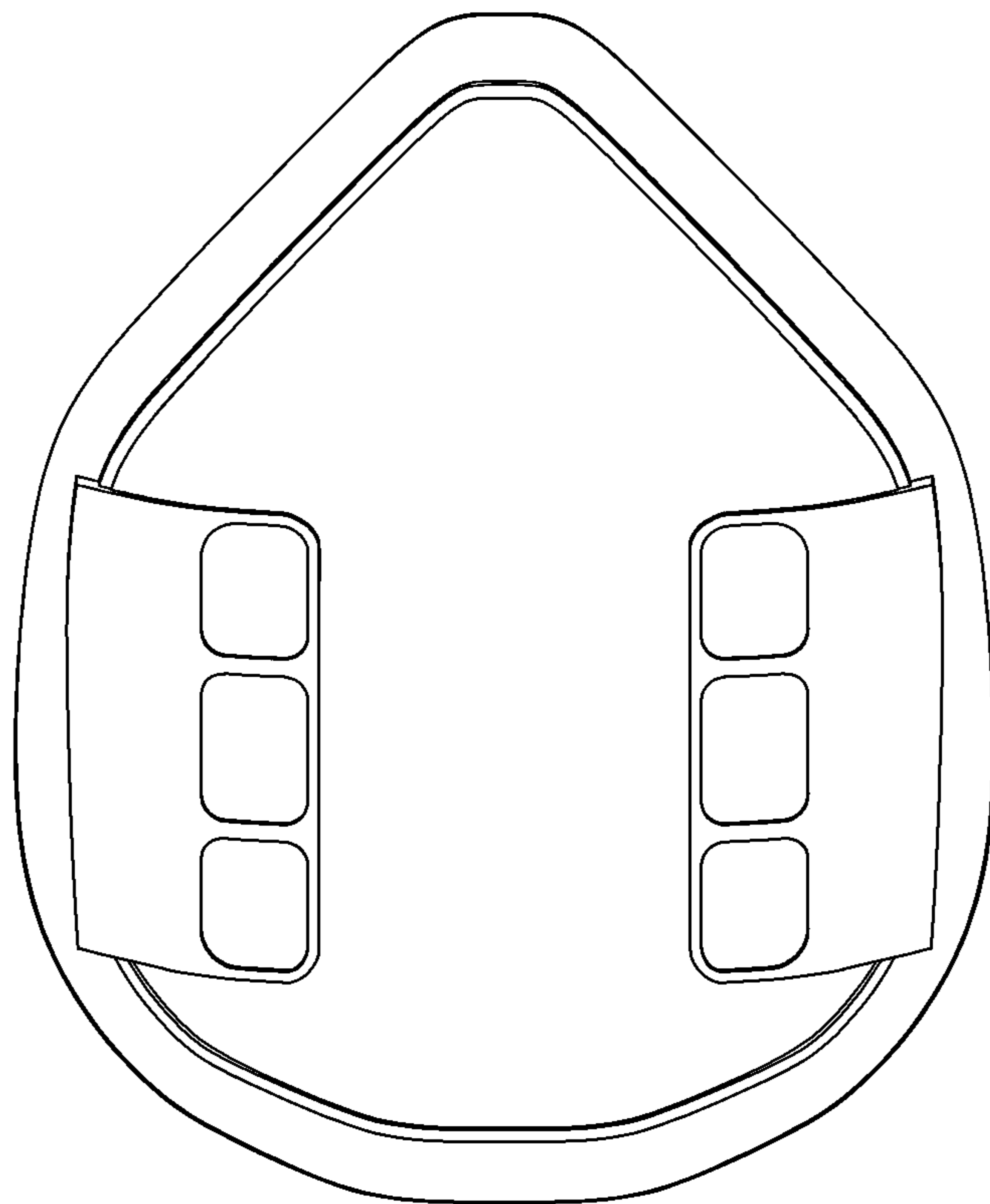


FIG. 3

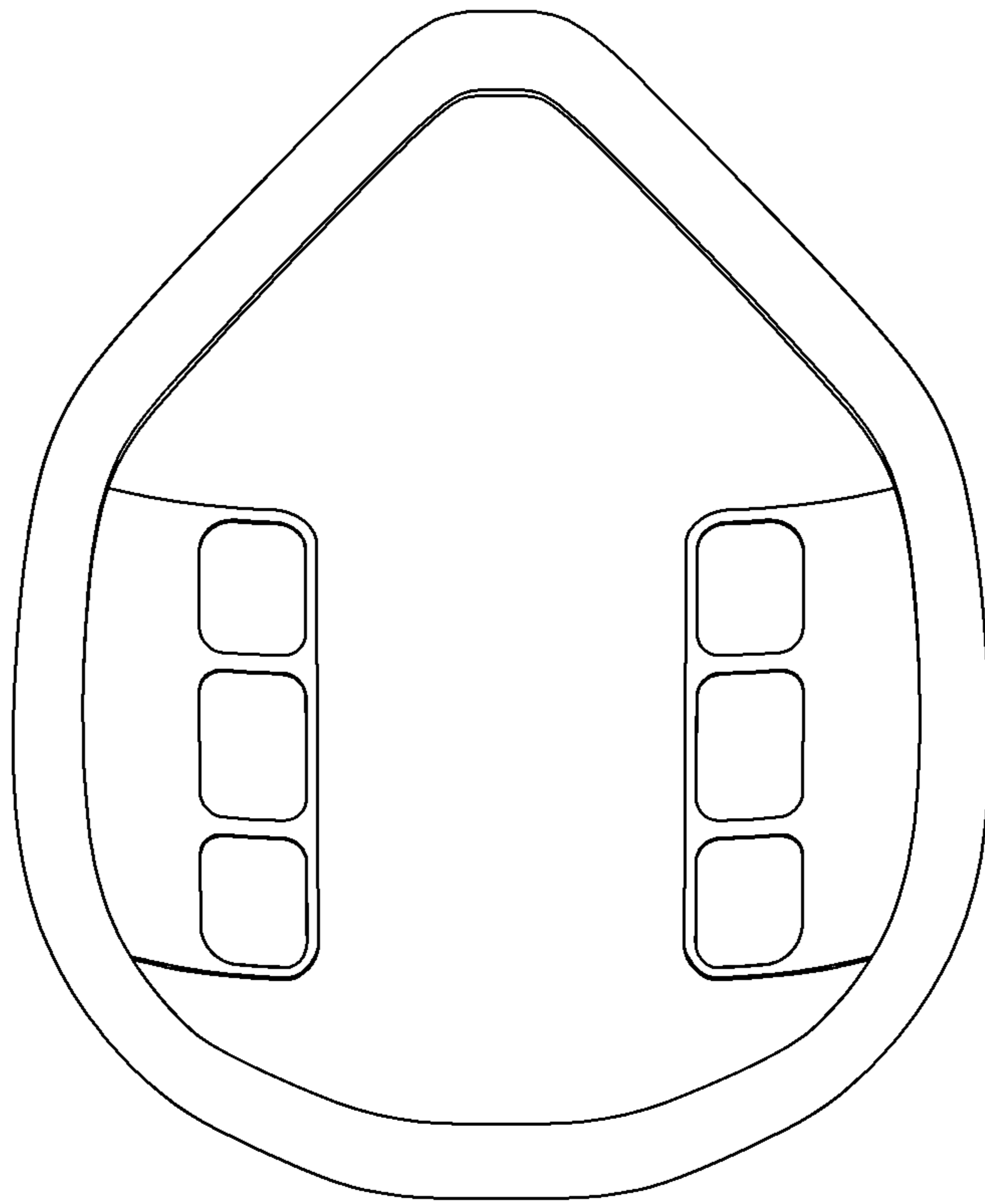


FIG. 4

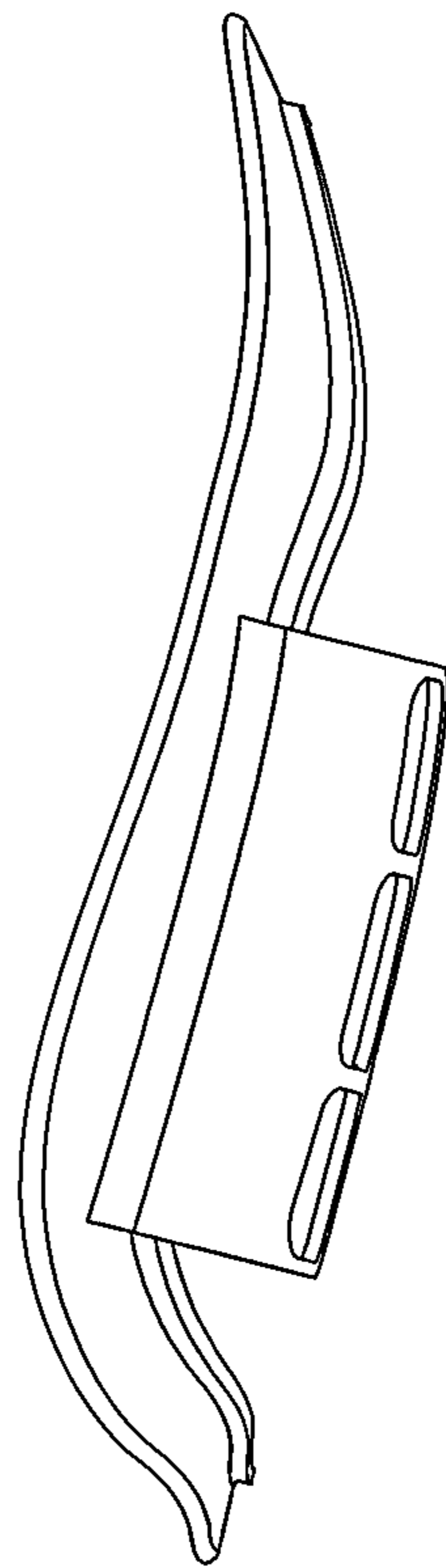


FIG. 5

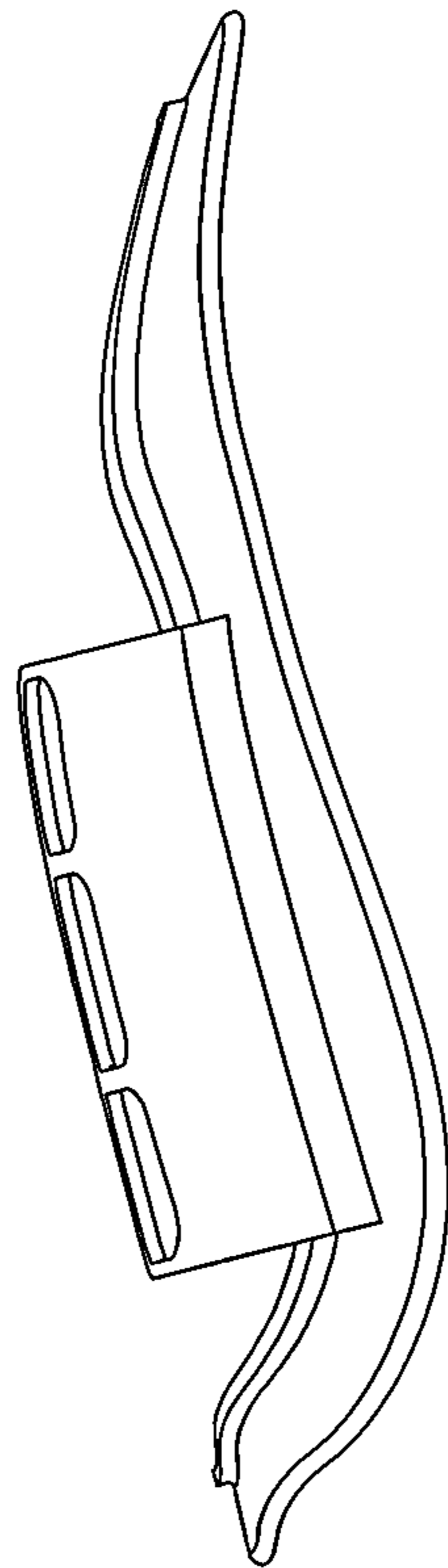


FIG. 6

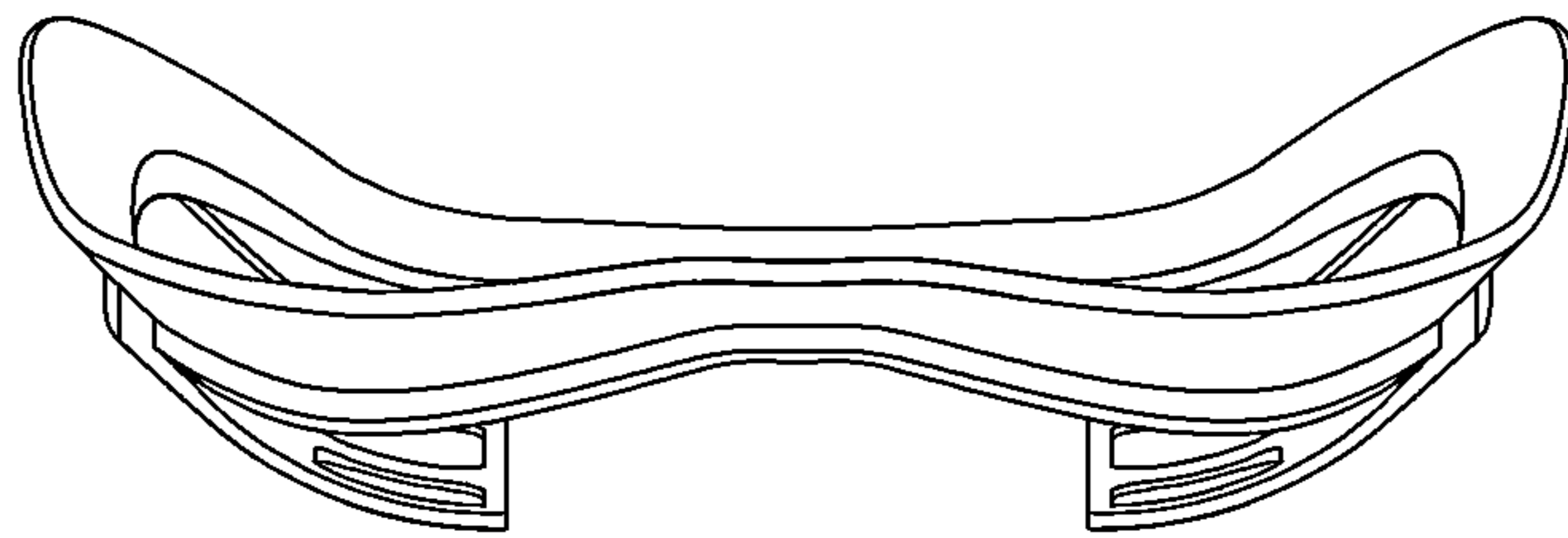


FIG. 7

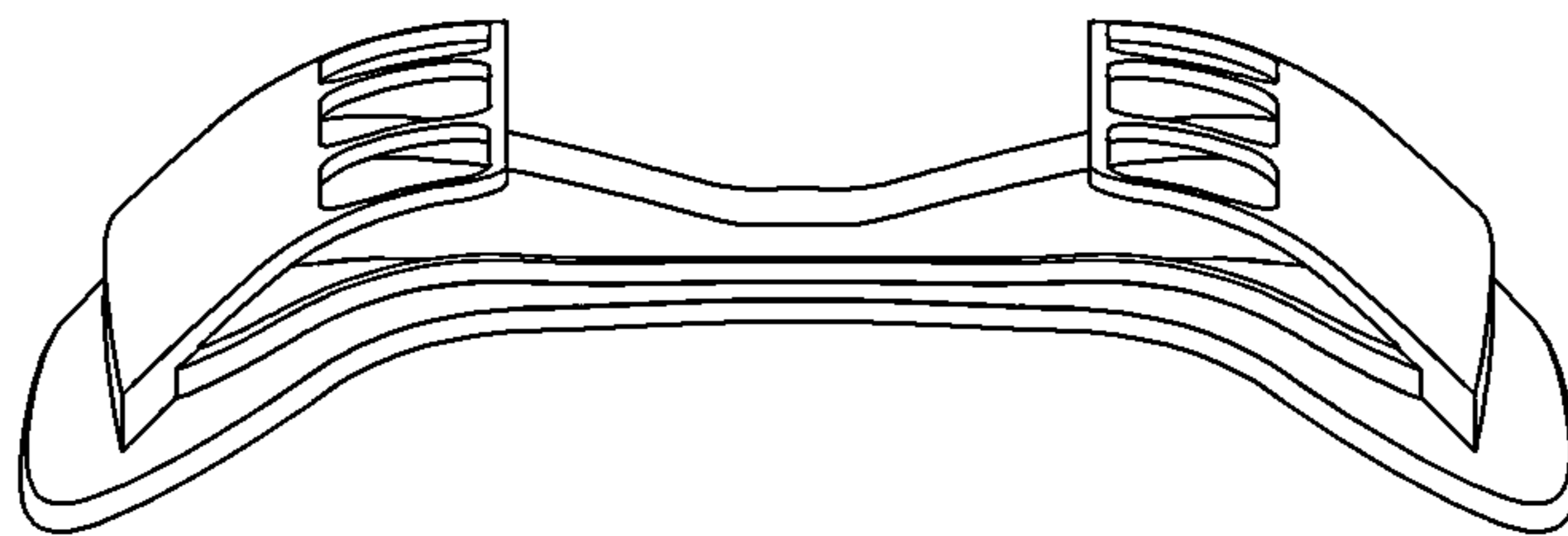


FIG. 8

