



US0D1089630S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,630 S**  
**Miller et al.** (45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **MEDICAL FACE MASK**

(71) Applicant: **INTERSURGICAL AG**, Vaduz (LI)

(72) Inventors: **Andrew Neil Miller**, Wokingham (GB);  
**Matthew James William Leary**,  
Wokingham (GB); **Simon Robert**  
**Payne**, Wokingham (GB); **David Simon**  
**Bottom**, Wokingham (GB)

(73) Assignee: **INTERSURGICAL AG**, Vaduz (LI)

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

(21) Appl. No.: **29/873,392**

(22) Filed: **Mar. 30, 2023**

**Related U.S. Application Data**

(62) Division of application No. 35/513,656, filed on Aug.  
12, 2021 (U.S. filing date under 35 U.S.C. 384), and  
having an international filing date of Aug. 12, 2021,  
now Pat. No. Des. 985,763.

(51) **LOC (15) Cl.** ..... **29-02**

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

(58) **Field of Classification Search**  
USPC ... D24/110.1, 110.2, 110.4, 110.5, 110, 162;  
D29/108  
CPC . A61M 16/06; A61M 16/085; A61M 16/0616  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D362,061	S	9/1995	McGinnis et al.	
6,019,101	A	2/2000	Cotner et al.	
D428,139	S	7/2000	Smart	
D434,141	S	11/2000	Randeborg et al.	
D478,660	S	* 8/2003	Mault	D24/110.1
D483,476	S	12/2003	Von Hollen et al.	
D591,857	S	* 5/2009	Peake	D24/110.4
D594,111	S	* 6/2009	Reid	D24/110.4

D597,201	S	*	7/2009	Brambilla	.....	D24/110.5
D639,419	S	*	6/2011	Eves	.....	D24/110.4
D677,782	S		3/2013	D'Souza et al.		
D679,376	S		4/2013	Von Hollen et al.		

(Continued)

**FOREIGN PATENT DOCUMENTS**

KR 20200137785 A 12/2020

**OTHER PUBLICATIONS**

Product Display for High-flow Nasal Cannula Mask, by Foxxmed  
Ltd., displayed at Medica tradeshow, Dusseldorf, Germany (Nov.  
15-18, 2021).

*Primary Examiner* — Rhea Shields

(74) *Attorney, Agent, or Firm* — Troutman Pepper Locke  
LLP (Rochester)

(57) **CLAIM**

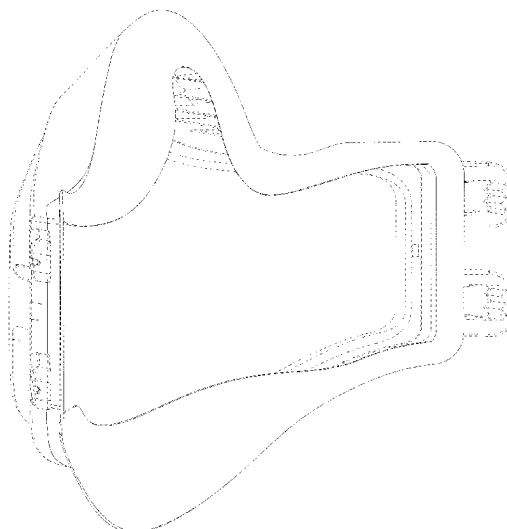
The ornamental design for a medical face mask as shown  
and described.

**DESCRIPTION**

FIG. 1 is a left rear perspective view of the medical face  
mask, showing our new design;  
FIG. 2 is a front view, thereof;  
FIG. 3 is a bottom plan view, thereof;  
FIG. 4 is a top plan view, thereof;  
FIG. 5 is a right, rear perspective view, thereof;  
FIG. 6 is a left, front perspective view, thereof;  
FIG. 7 is a right, front perspective view, thereof;  
FIG. 8 is a left, bottom perspective view, thereof;  
FIG. 9 is a back view, thereof;  
FIG. 10 is a left side view, thereof; and,  
FIG. 11 is a right side view, thereof.

The broken lines shown in the figures represent portions of  
the medical face mask that form no part of the claimed  
design.

**1 Claim, 11 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D679,377 S 4/2013 Von Hollen et al.  
D679,378 S 4/2013 Von Hollen et al.  
D687,142 S 7/2013 Rothermel  
D698,439 S \* 1/2014 Davidson ..... D24/110.1  
D703,808 S 4/2014 Bowsher  
D706,412 S \* 6/2014 Henry ..... D24/110  
D720,846 S 1/2015 Bowsher  
RE45,836 E 1/2016 McAuley et al.  
D754,328 S 4/2016 Bowsher  
D773,121 S 11/2016 Yuan  
D775,323 S 12/2016 Bowsher  
D788,373 S 5/2017 Bunge et al.  
D831,192 S 10/2018 Park  
10,166,354 B2 \* 1/2019 Eifler ..... A61M 16/06  
10,188,818 B2 1/2019 Bowsher  
D844,253 S 3/2019 Cho  
D851,750 S \* 6/2019 Collazo ..... D24/110.1  
10,322,312 B1 6/2019 Danford  
D855,174 S 7/2019 Fofack et al.  
D868,960 S 12/2019 Tu et al.

D885,559 S 5/2020 Gabriel  
D906,514 S 12/2020 Law et al.  
D923,775 S 6/2021 Gilner et al.  
11,058,839 B2 \* 7/2021 Bowsher ..... A61M 16/0816  
D930,149 S 9/2021 Huang  
D941,480 S 1/2022 Kim  
D941,991 S 1/2022 Torbenson  
D946,832 S 3/2022 Jiang  
D953,028 S 5/2022 Reso  
D955,562 S 6/2022 Law et al.  
D958,967 S 7/2022 Zhu  
D959,643 S 8/2022 Kim et al.  
D959,644 S \* 8/2022 Kim ..... D29/108  
11,401,017 B2 8/2022 Gamberini et al.  
D963,157 S 9/2022 Kim et al.  
D963,839 S 9/2022 Kim et al.  
D972,717 S \* 12/2022 Son ..... D24/110.1  
D980,968 S \* 3/2023 Hwang ..... D24/110.1  
D982,753 S \* 4/2023 Henderson ..... D24/162  
D985,763 S \* 5/2023 Miller ..... D24/110.1  
2014/0238400 A1 8/2014 Miller  
2017/0318875 A1 11/2017 Henderson et al.  
2022/0280739 A1 9/2022 Leary et al.

\* cited by examiner

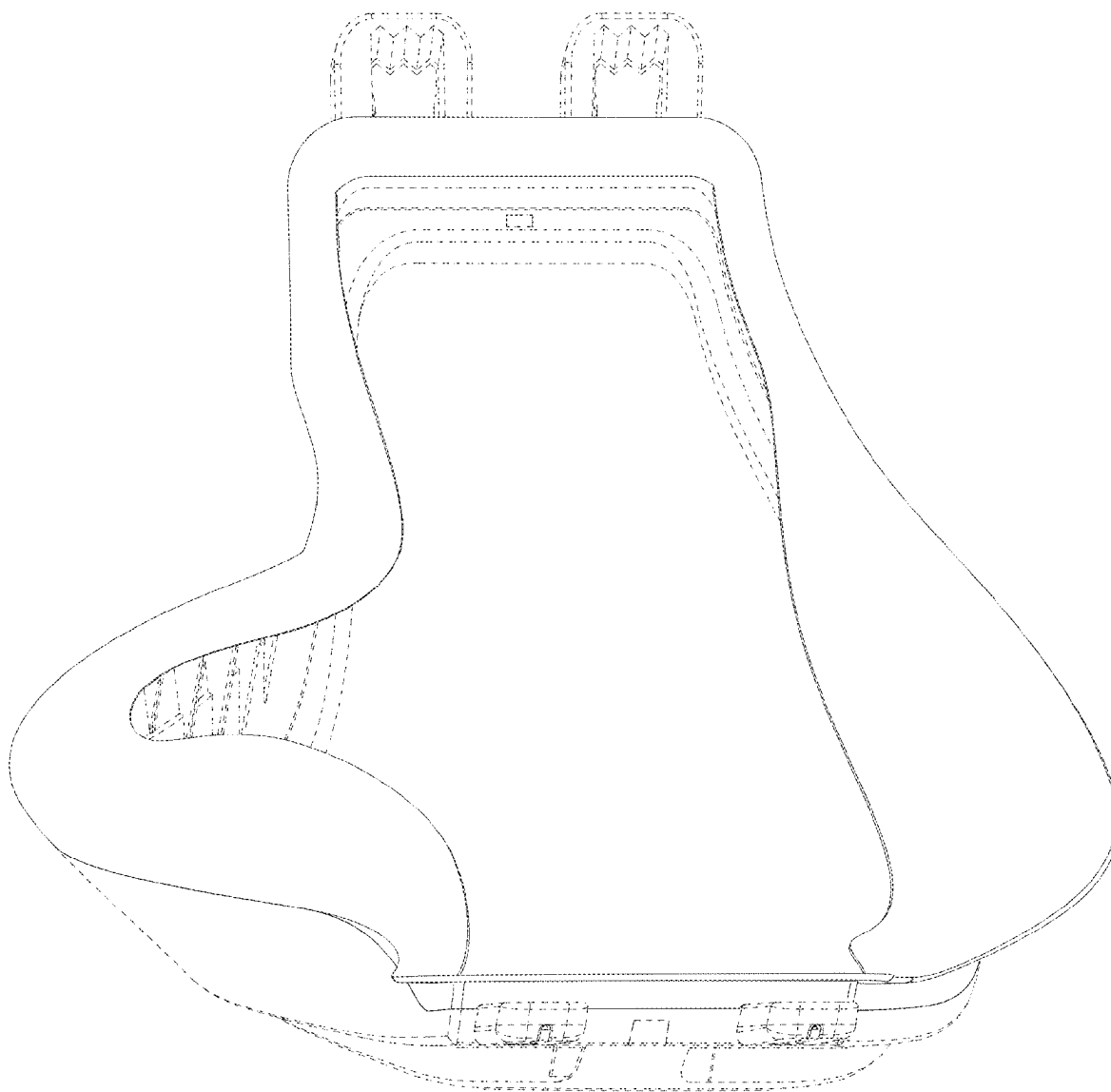


FIG. 1

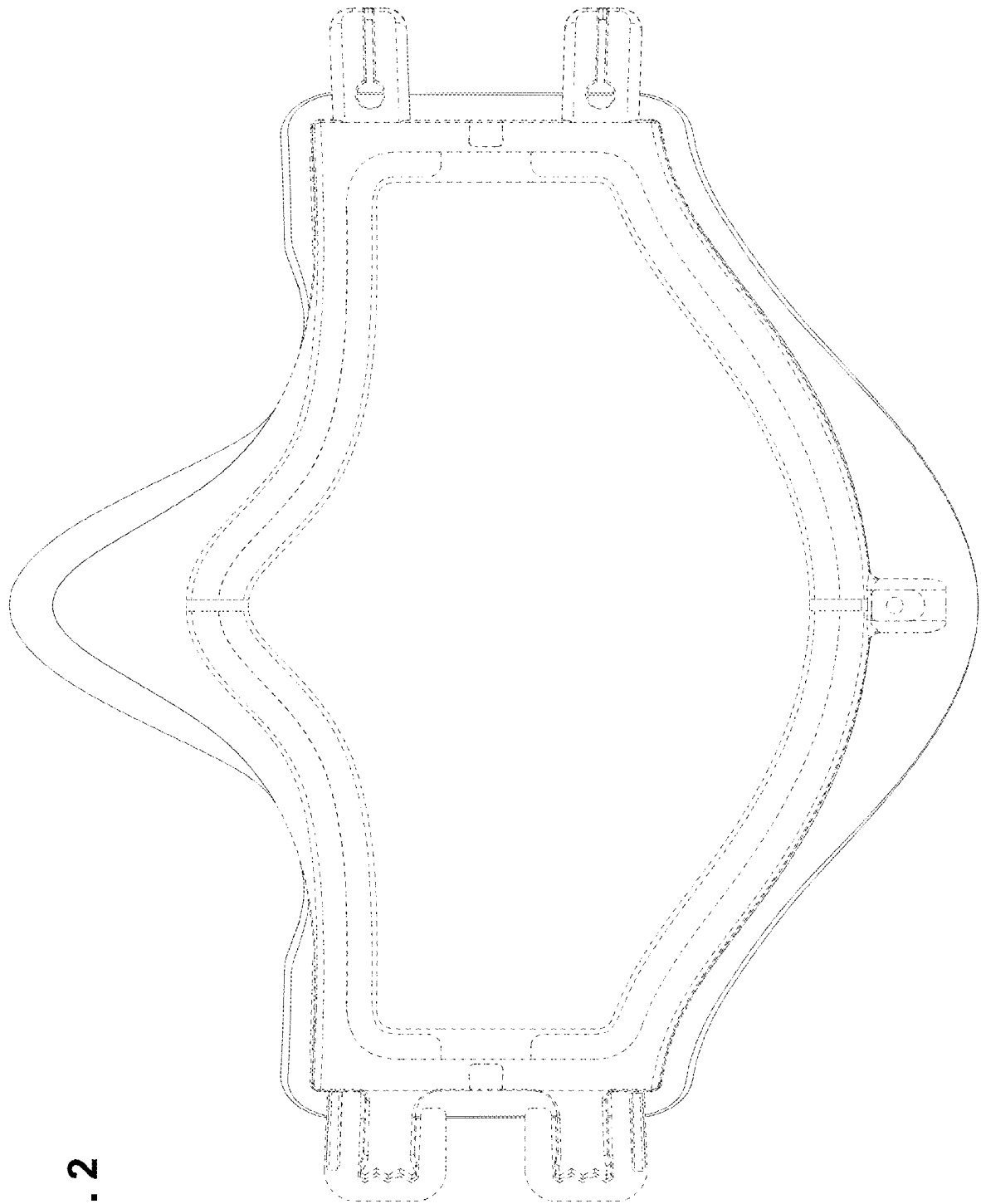


FIG. 2

FIG. 3

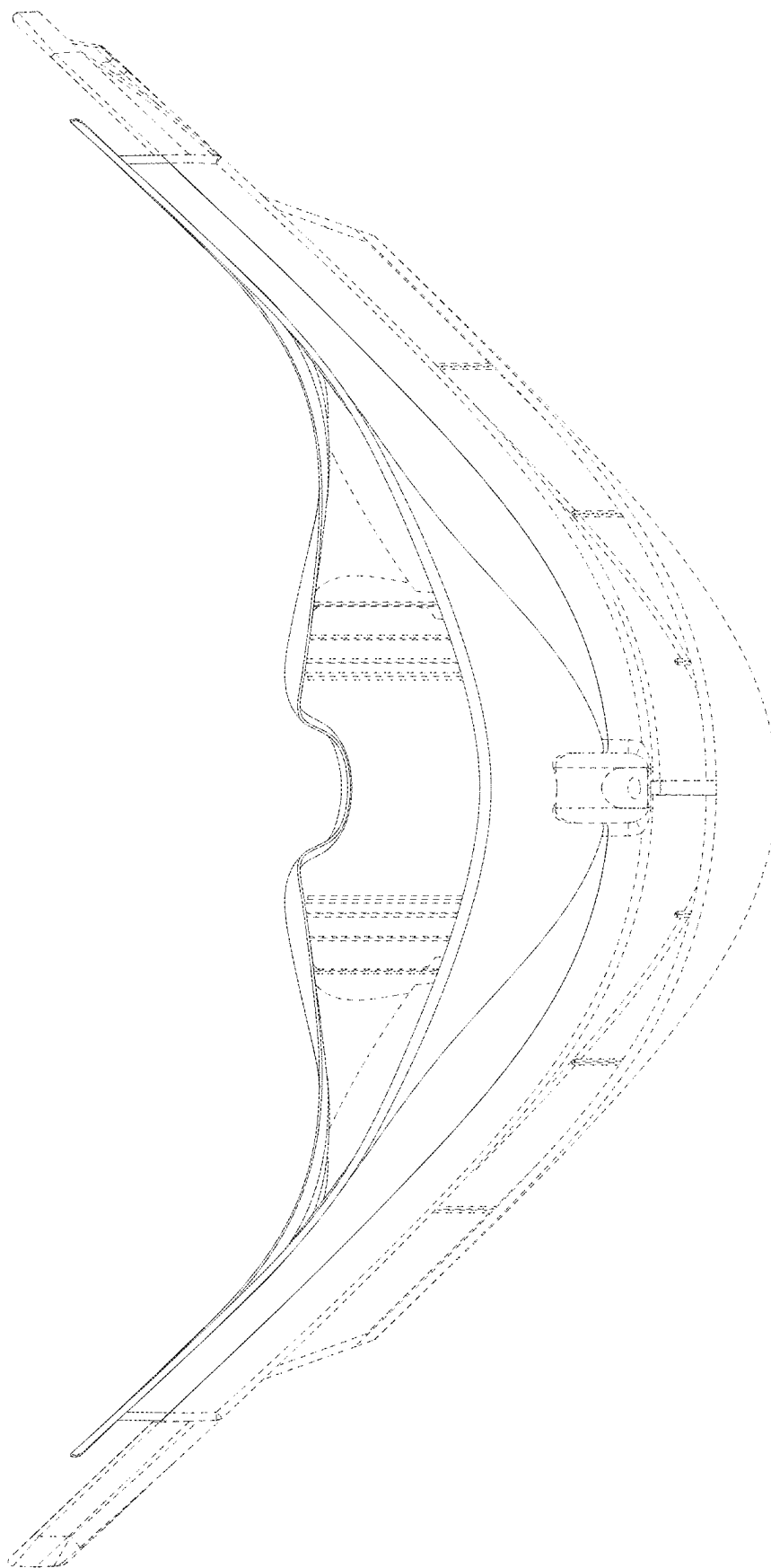
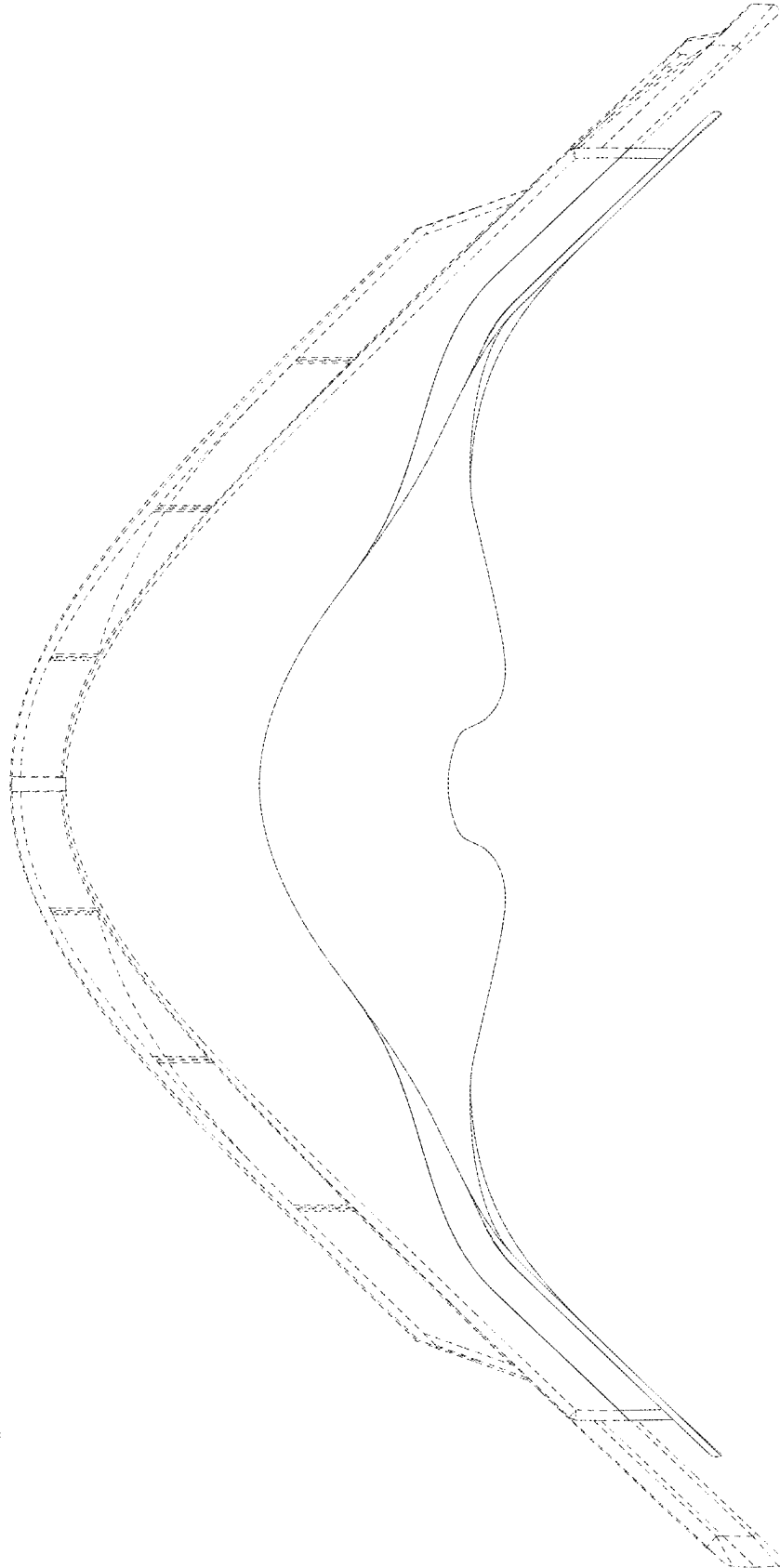


FIG. 4



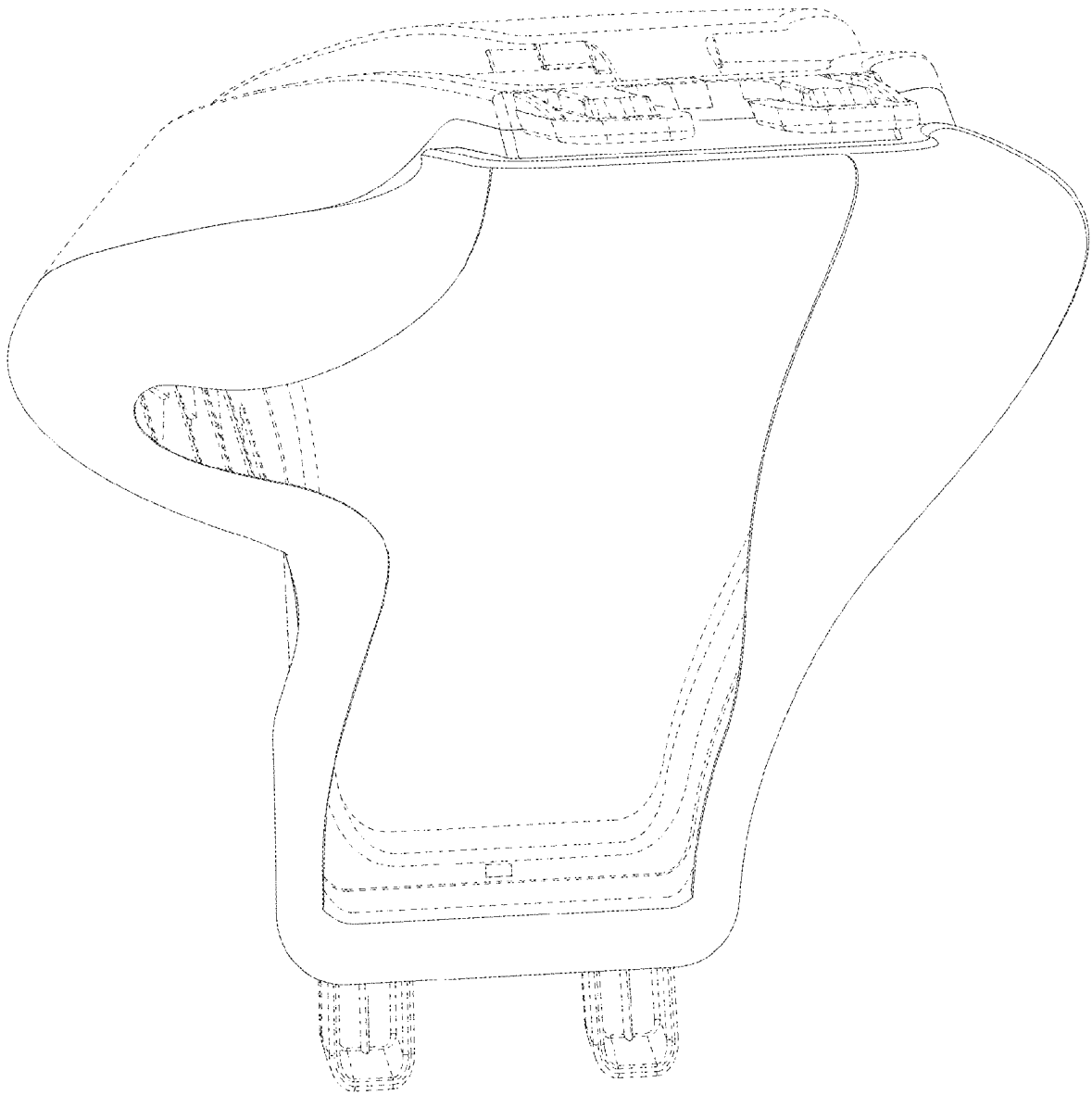


FIG. 5

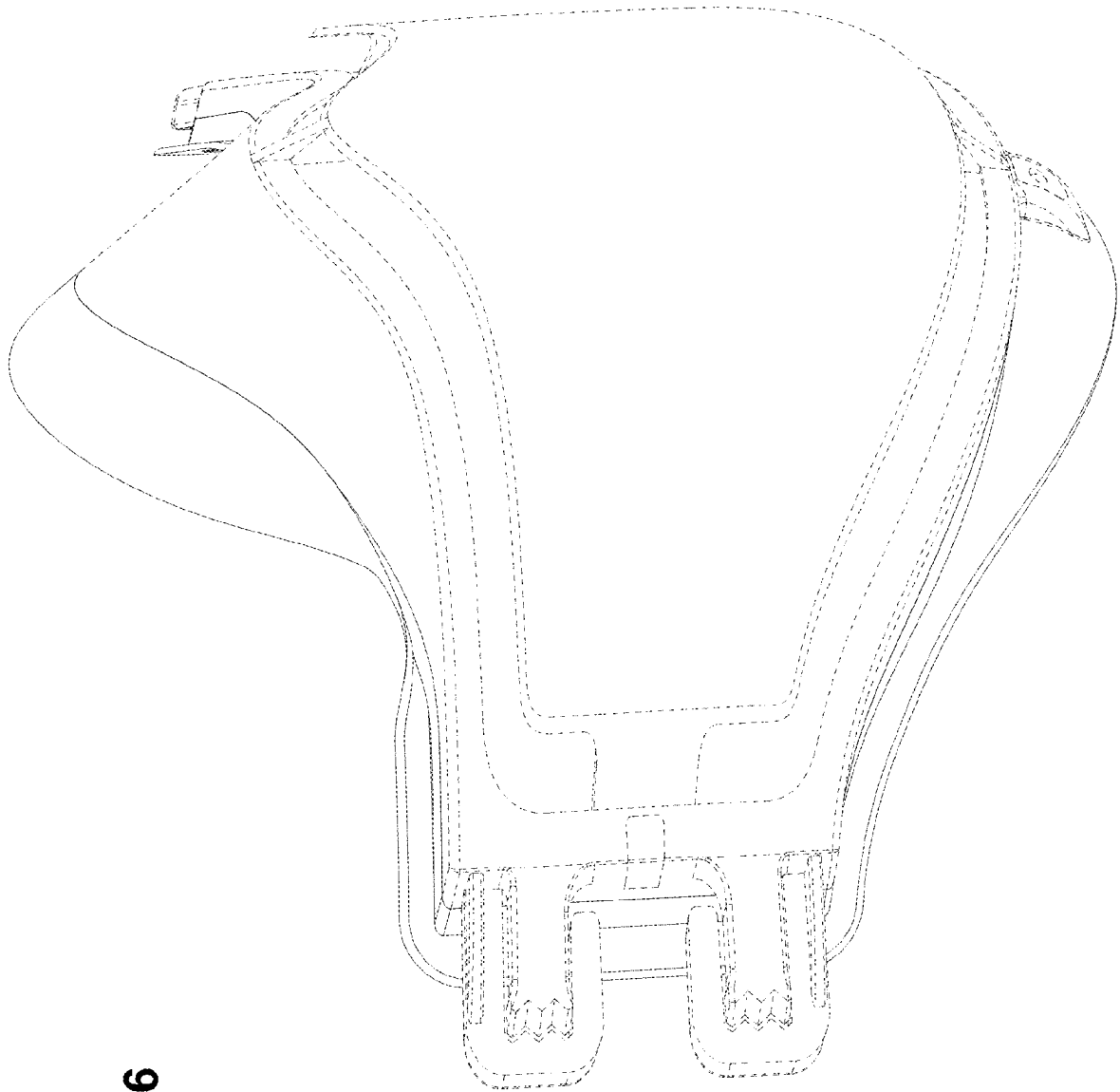


FIG. 6



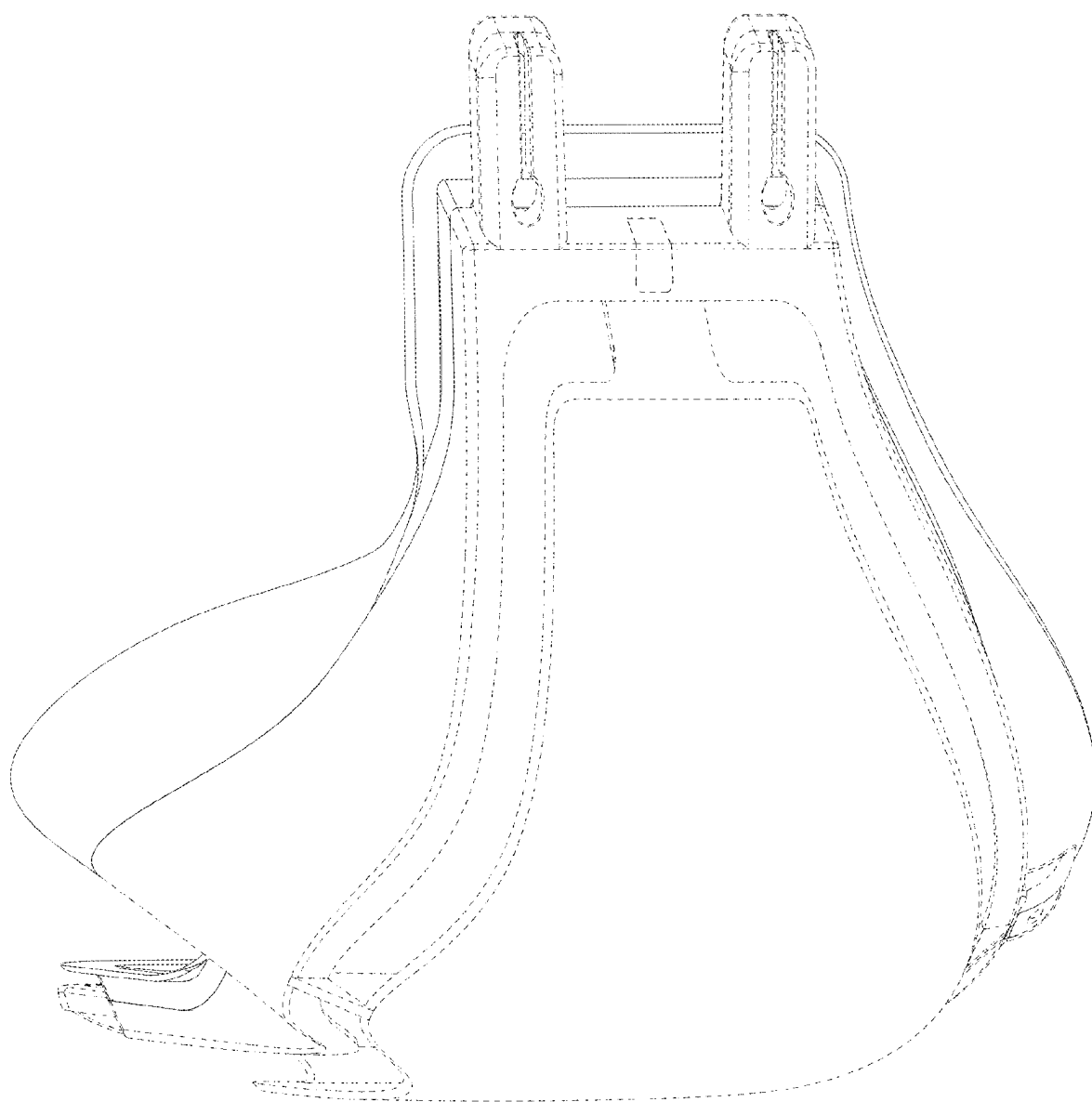
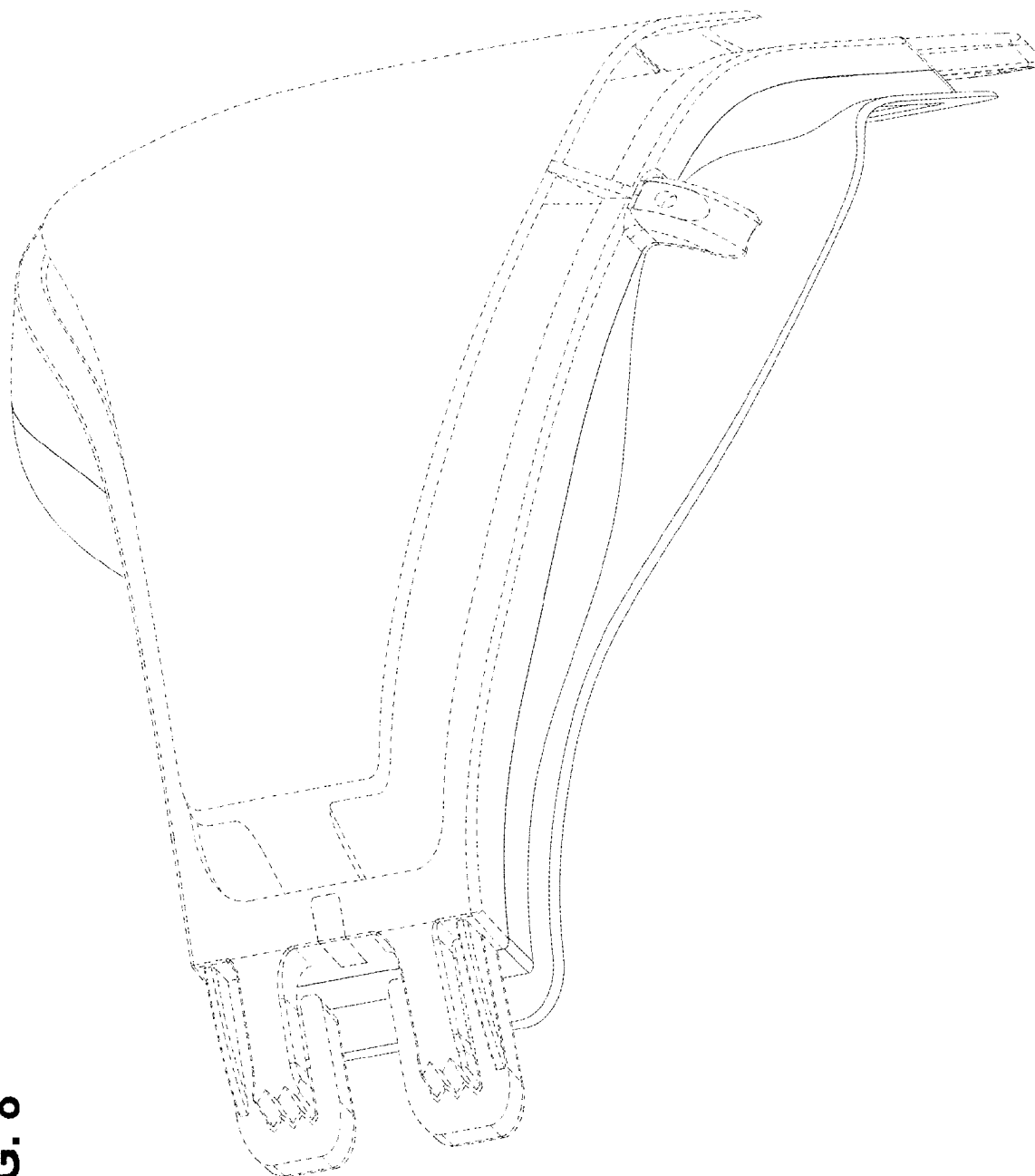


FIG. 7

FIG. 8



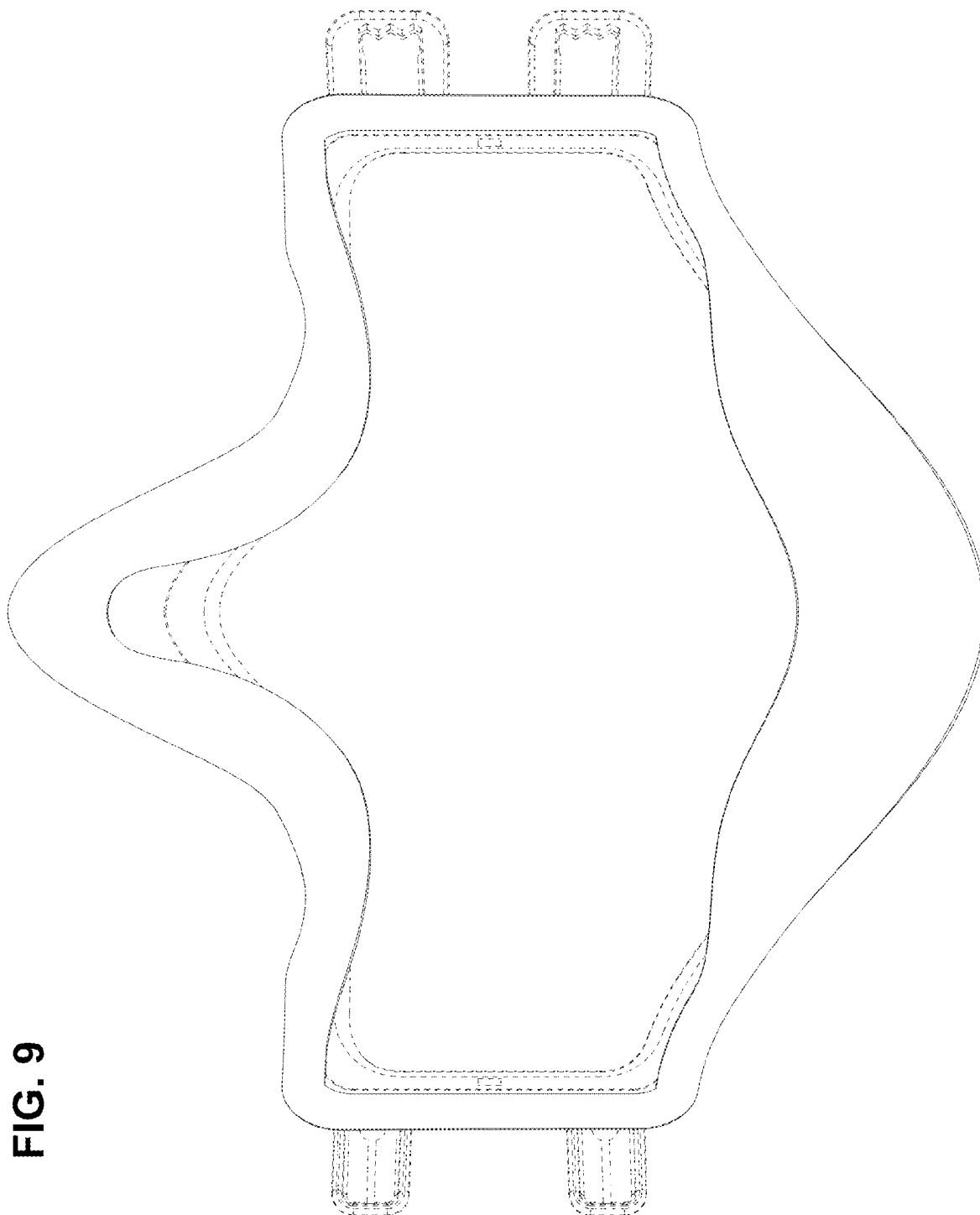


FIG. 9

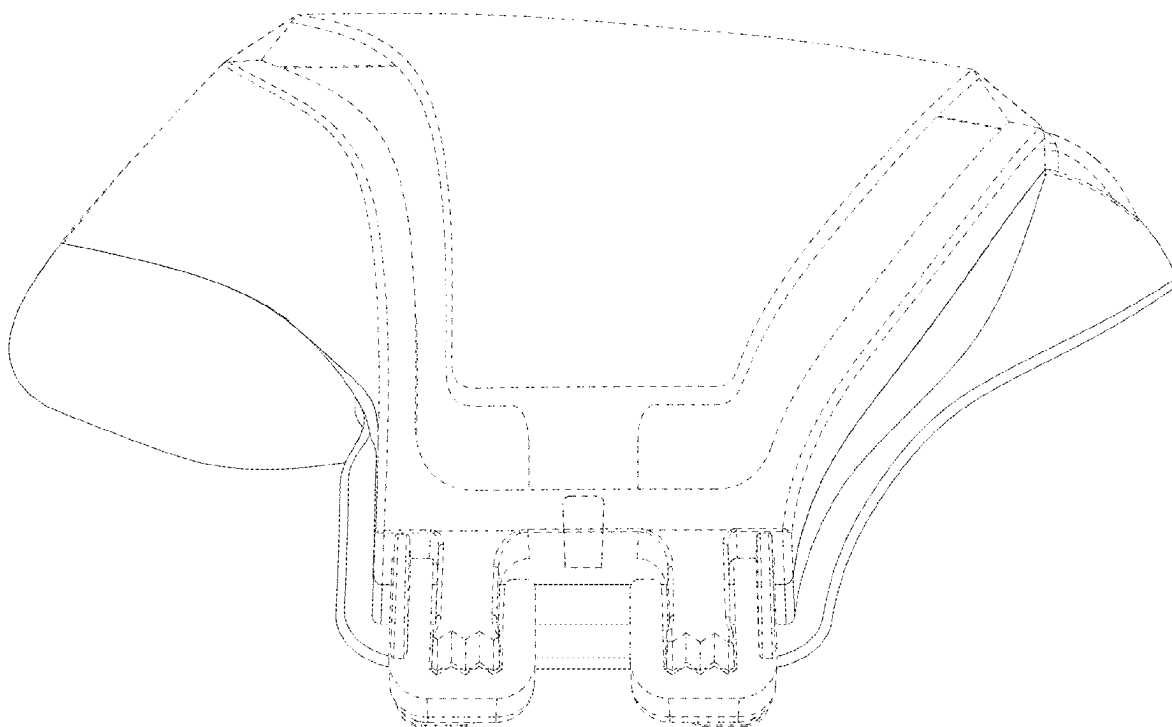


FIG. 10

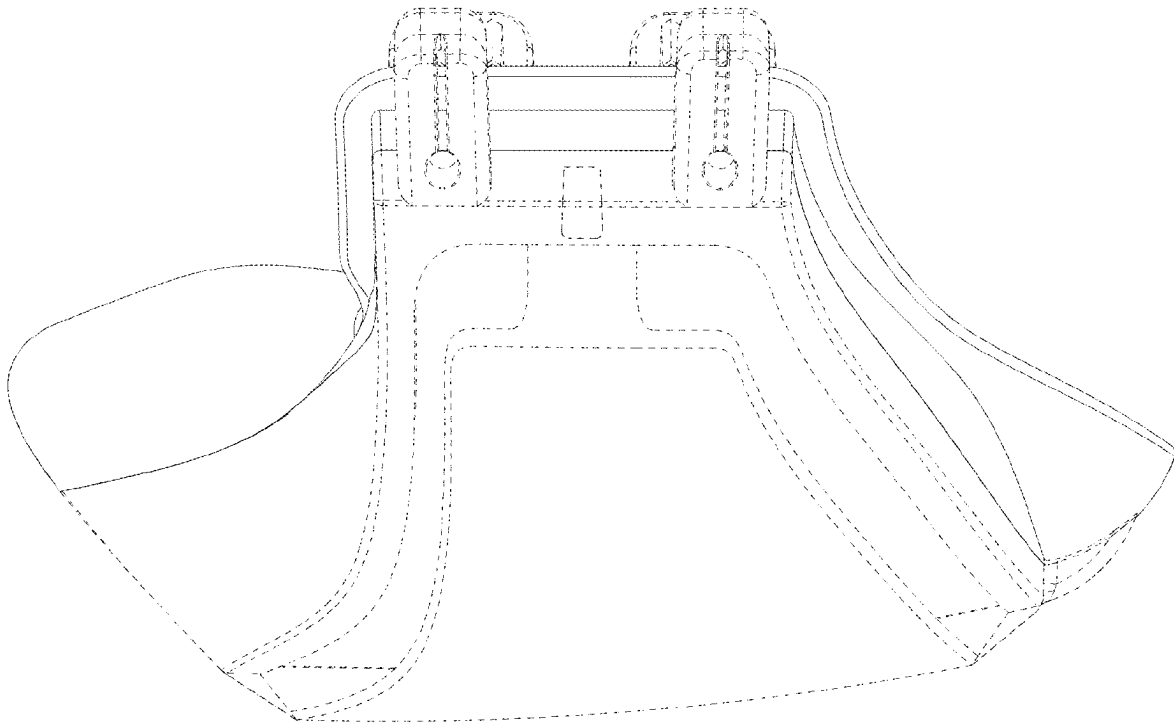


FIG. 11