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(12) **United States Design Patent** (10) **Patent No.:** **US D817,477 S**  
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(54) **DUSTPROOF MASK**  
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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
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CPC ..... A61M 16/0622; A61M 16/0616; A61M 16/0605; A61M 16/0644; A61M 16/0633; A61M 16/06; A61M 16/0683; A61M 16/00; A61F 5/56; A61B 5/4818; A62B 18/025; A62B 23/025; A41D 13/11; A41D 13/1107; A41D 13/1138; A41D 13/1176  
See application file for complete search history.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
1,279,884 A \* 9/1918 Roche ..... A41D 13/11 128/863  
2,498,668 A \* 2/1950 Fitzsimmons ..... A41D 13/11 128/863  
2,954,027 A \* 9/1960 Marasco ..... A61M 16/0683 128/206.13

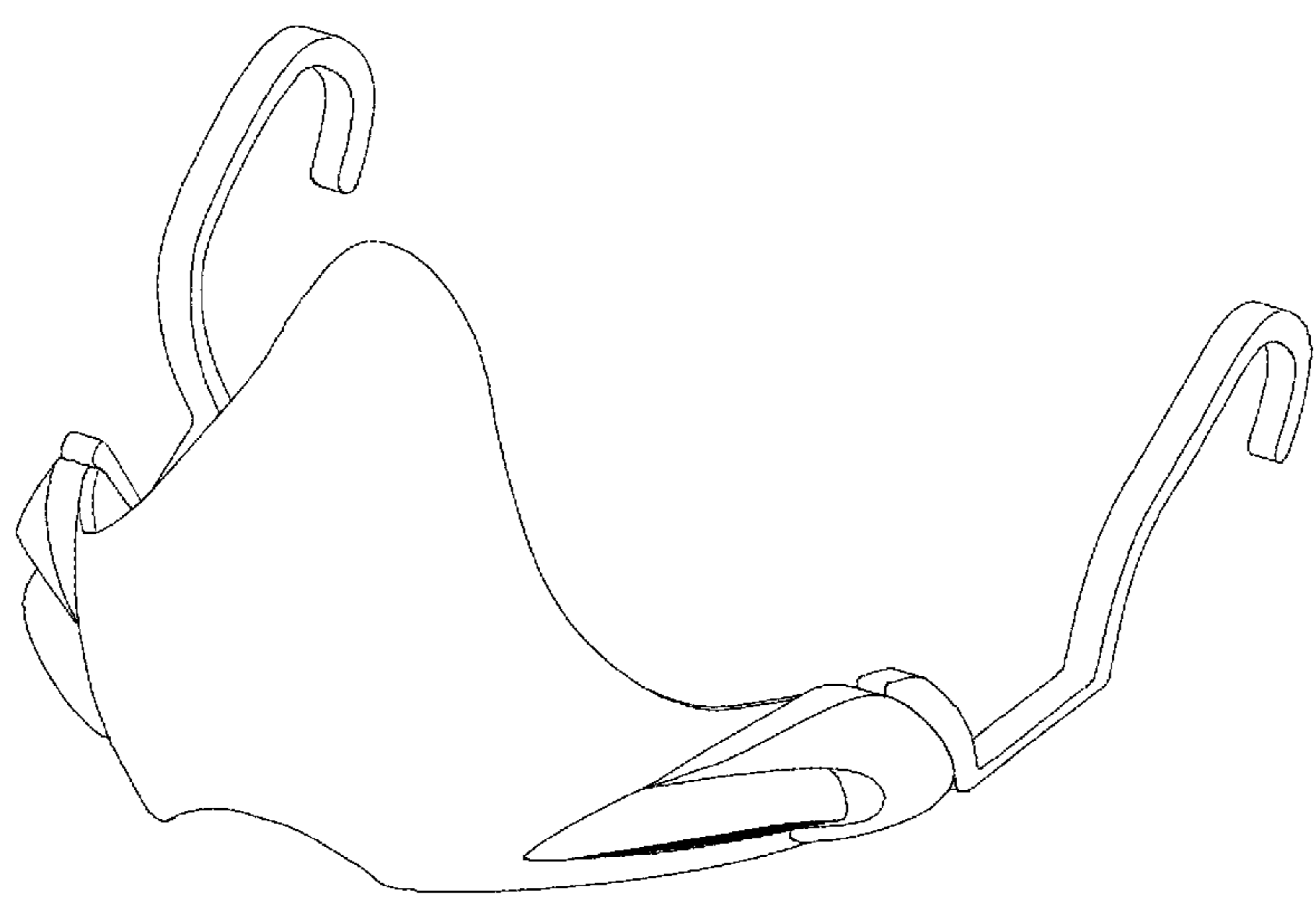
3,991,753 A \* 11/1976 Viesca y Viesca ..... A41D 13/1184 128/201.12  
D477,074 S \* 7/2003 Rudolph ..... D24/110.1  
D776,362 S \* 1/2017 D'Andreagiovanni ..... D29/108  
D781,503 S \* 3/2017 Rose ..... D29/108  
2003/0154984 A1\* 8/2003 Fernandes ..... A41D 13/1146 D24/110.1  
2009/0044809 A1\* 2/2009 Welchel ..... A41D 13/1161 128/206.27  
2010/0126504 A1\* 5/2010 Johnstone ..... A41D 13/1184 128/202.13  
2010/0224199 A1\* 9/2010 Smith ..... A41D 13/1161 128/863  
2011/0297152 A1\* 12/2011 Duveen ..... A61M 16/06 128/203.29

\* cited by examiner  
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(57) **CLAIM**  
The ornamental design for a dustproof mask, as shown and described.

**DESCRIPTION**  
FIG. 1 is a front, right side, and top isometric view of a dustproof mask showing the new design.  
FIG. 2 is a bottom plan view of the dustproof mask.  
FIG. 3 is a top plan view.  
FIG. 4 is a right side elevation view. The left-side elevation view is a mirror image of this view.  
FIG. 5 is a front elevation view.  
FIG. 6 is a back elevation view; and,  
FIG. 7 is a front, right side, and top isometric view of the dustproof mask from an angle that differs from the angle used in FIG. 1.

**1 Claim, 7 Drawing Sheets**



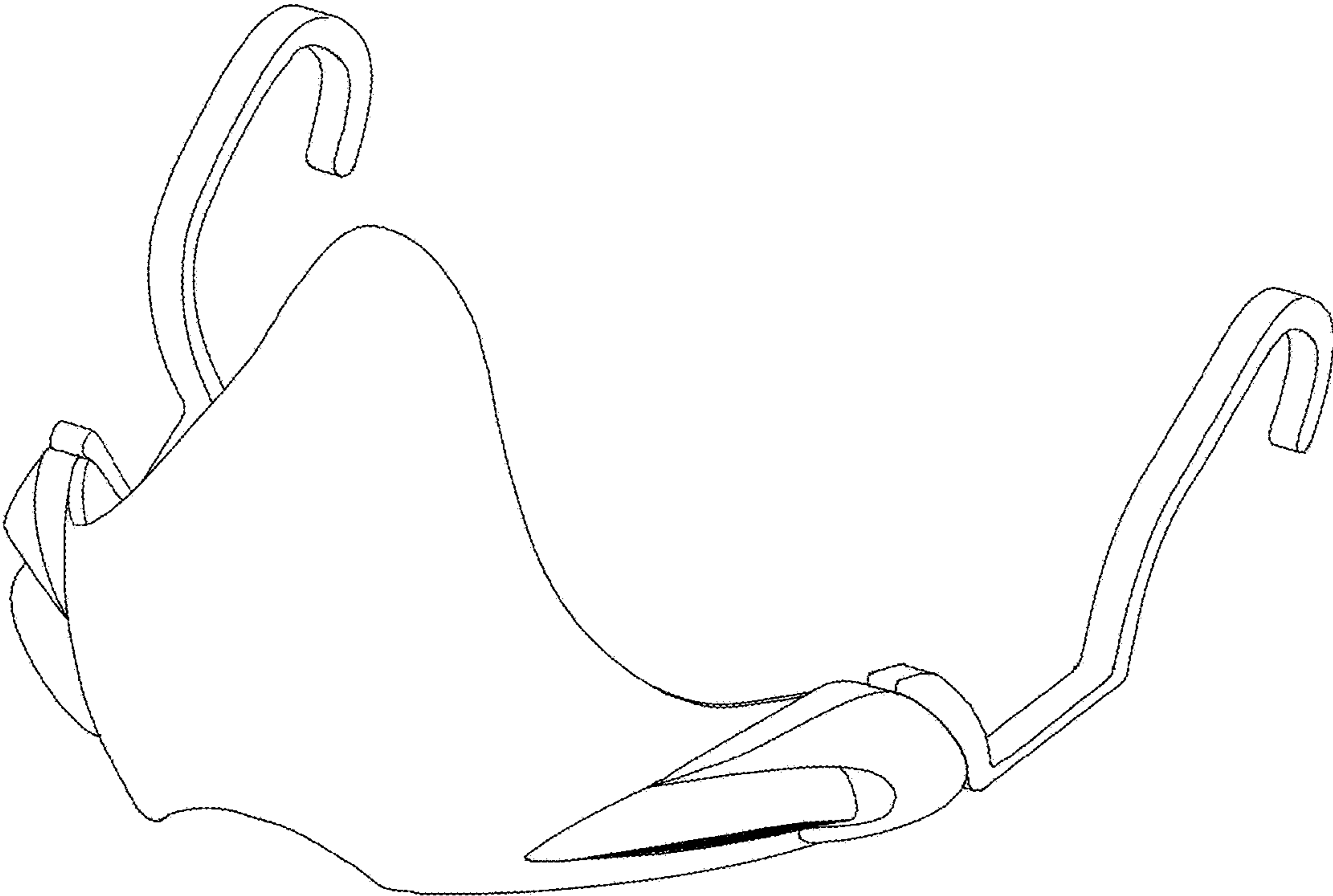


Fig. 1

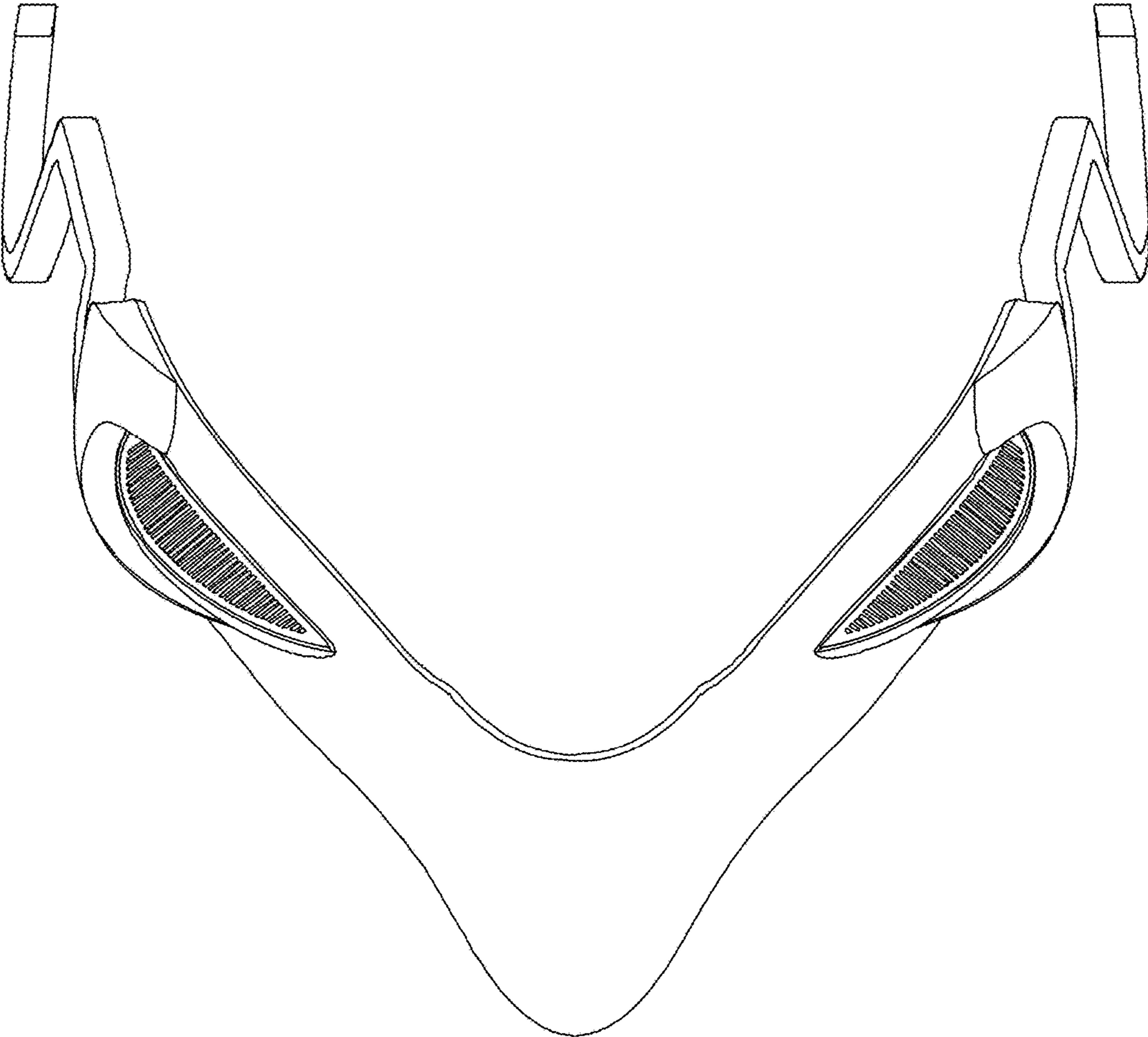


Fig. 2

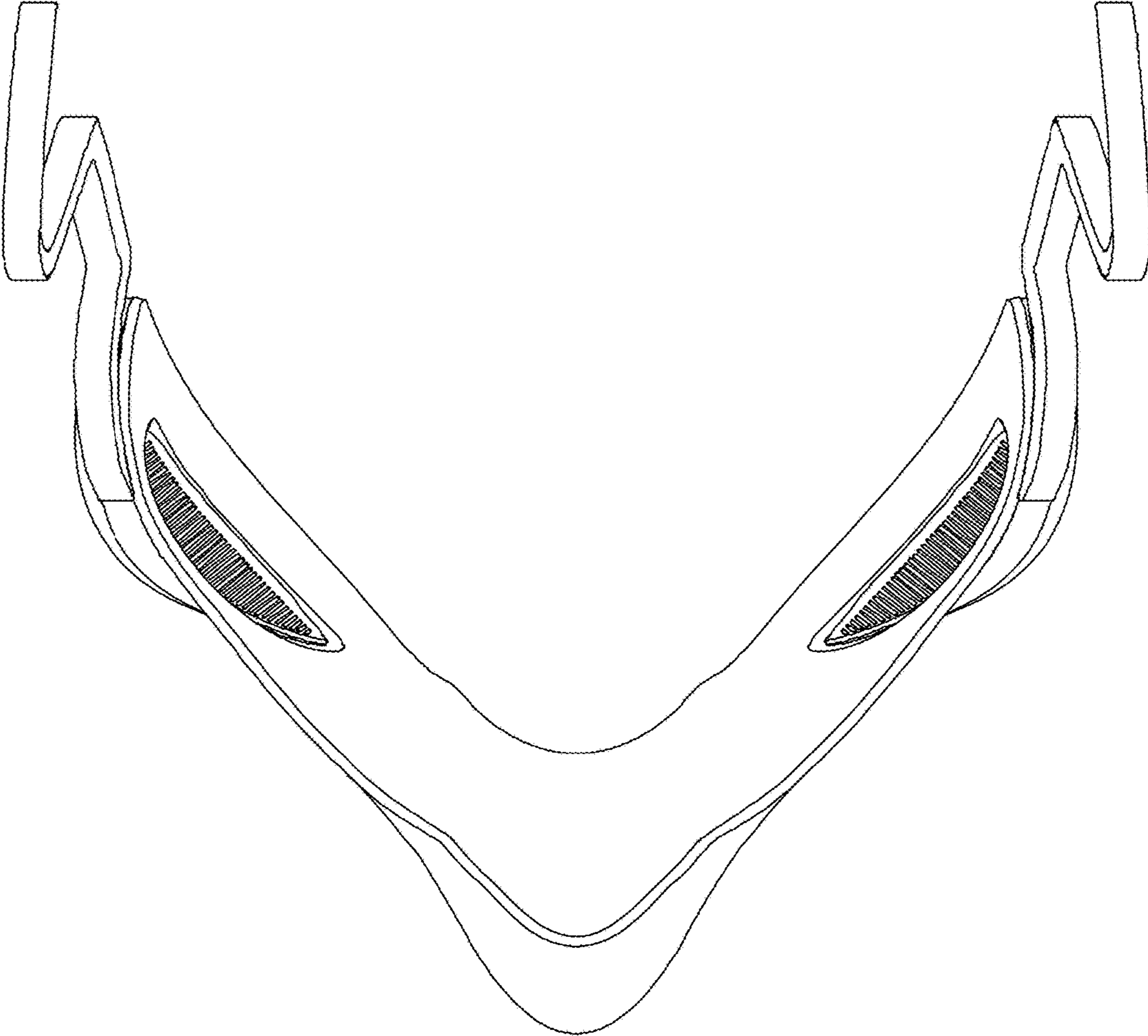


Fig. 3

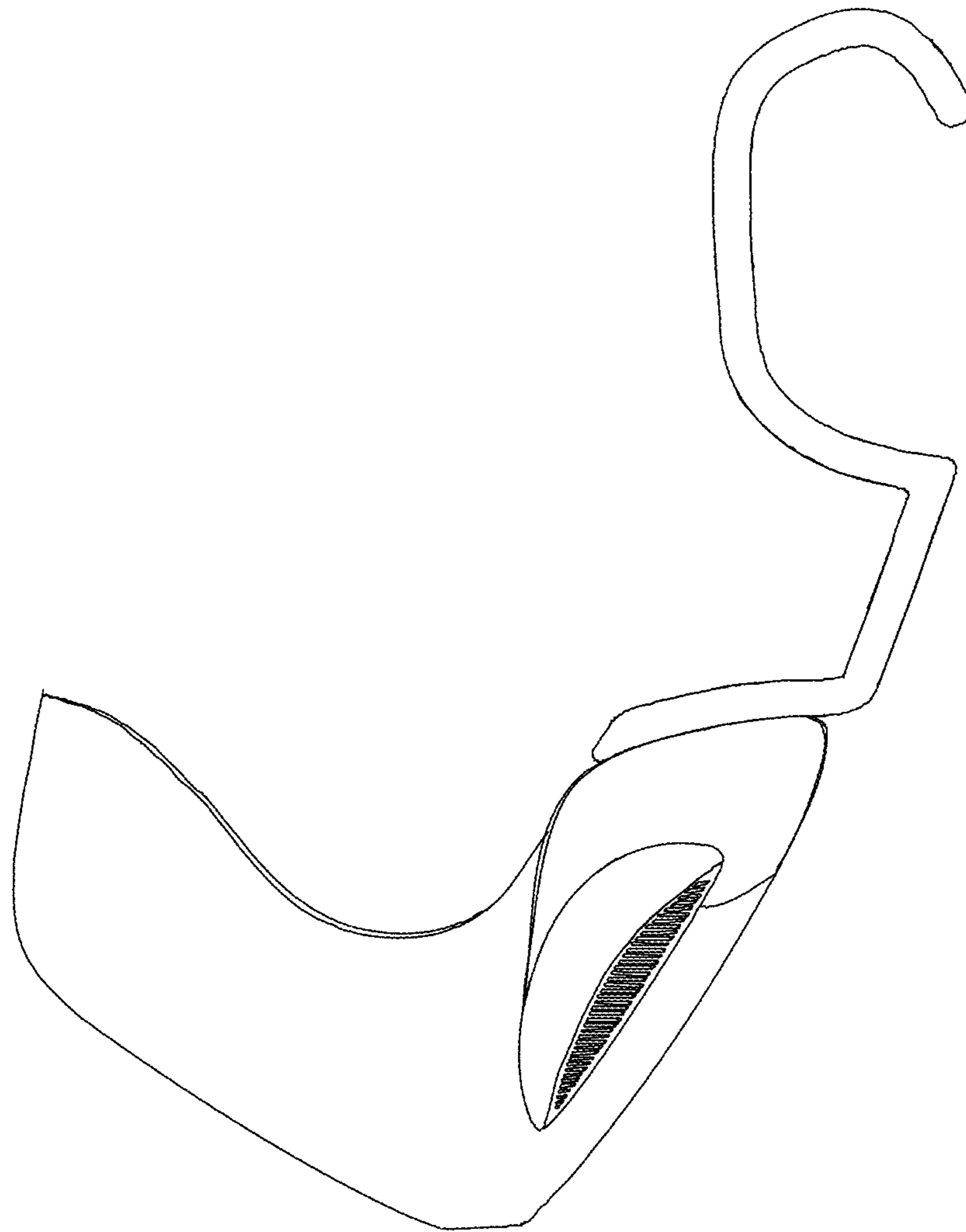


Fig. 4

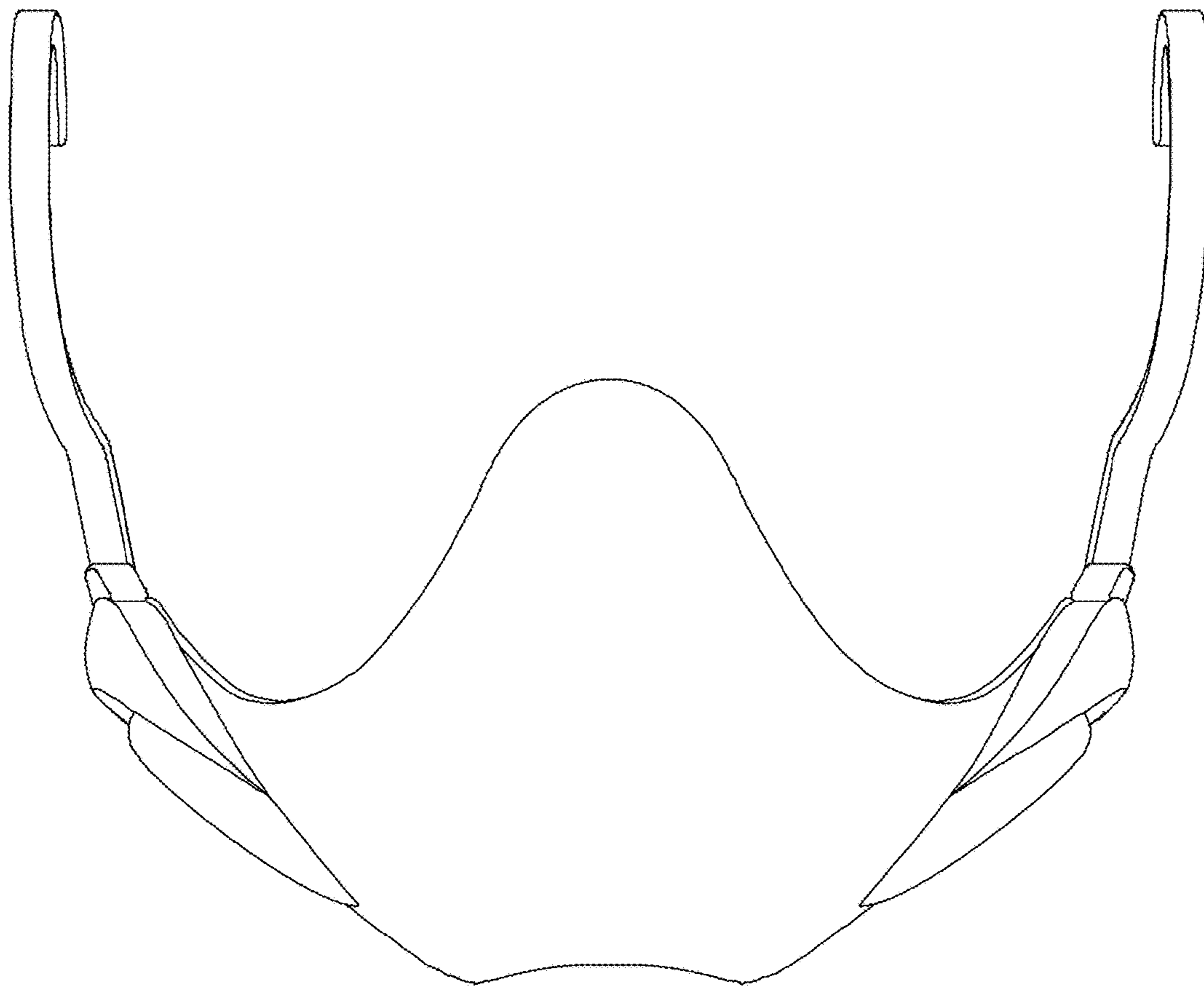


Fig. 5

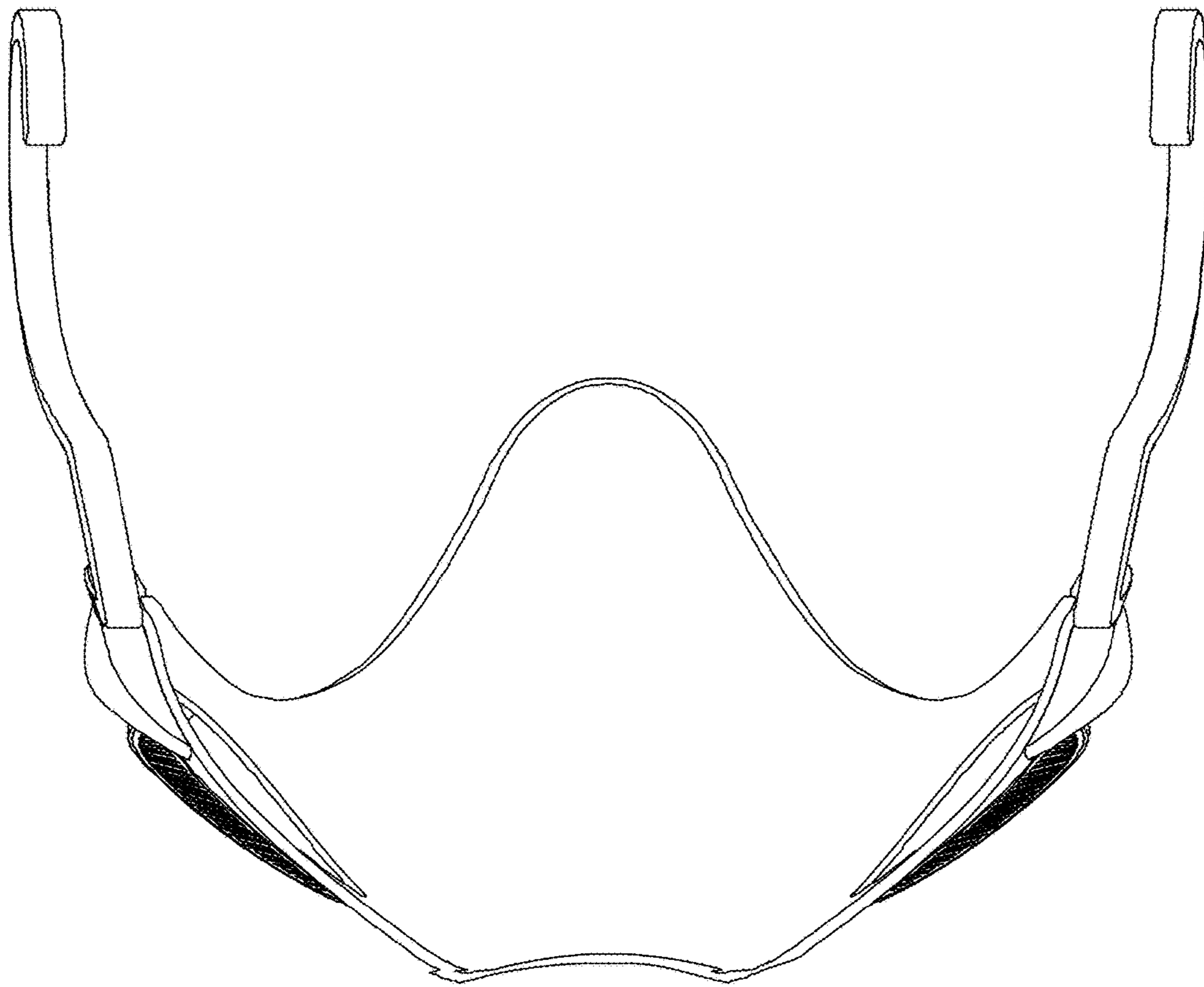


Fig. 6

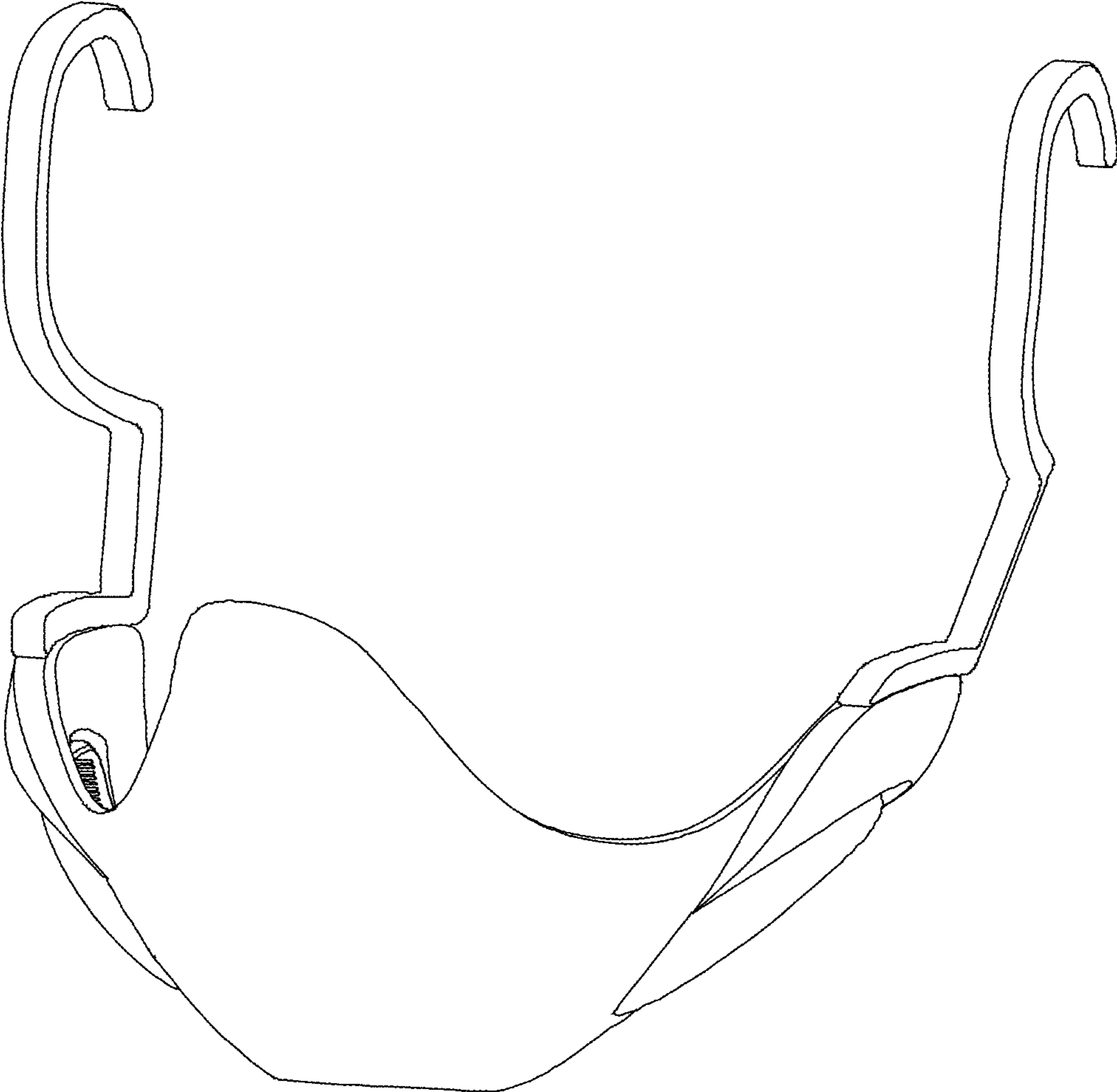


Fig. 7