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(12) **United States Design Patent** (10) **Patent No.:** **US D834,179 S**  
**Smith et al.** (45) **Date of Patent:** **\*\* Nov. 20, 2018**

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

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(57) **CLAIM**

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

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

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

**DESCRIPTION**

(21) Appl. No.: **29/612,579**

(22) Filed: **Aug. 2, 2017**

**Related U.S. Application Data**

(60) Continuation of application No. 29/593,197, filed on Feb. 7, 2017, now Pat. No. Des. 797,277, which is a (Continued)

(51) **LOC (11) Cl.** ..... **29-02**

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

(58) **Field of Classification Search**  
USPC ..... D24/110–110.5, 127–129; D29/108, 122  
CPC ..... A61M 16/0622; A61M 16/0616; A61M 16/0633; A61M 16/06; A61M 16/0683; A61M 16/0605; A61M 16/0644  
See application file for complete search history.

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.

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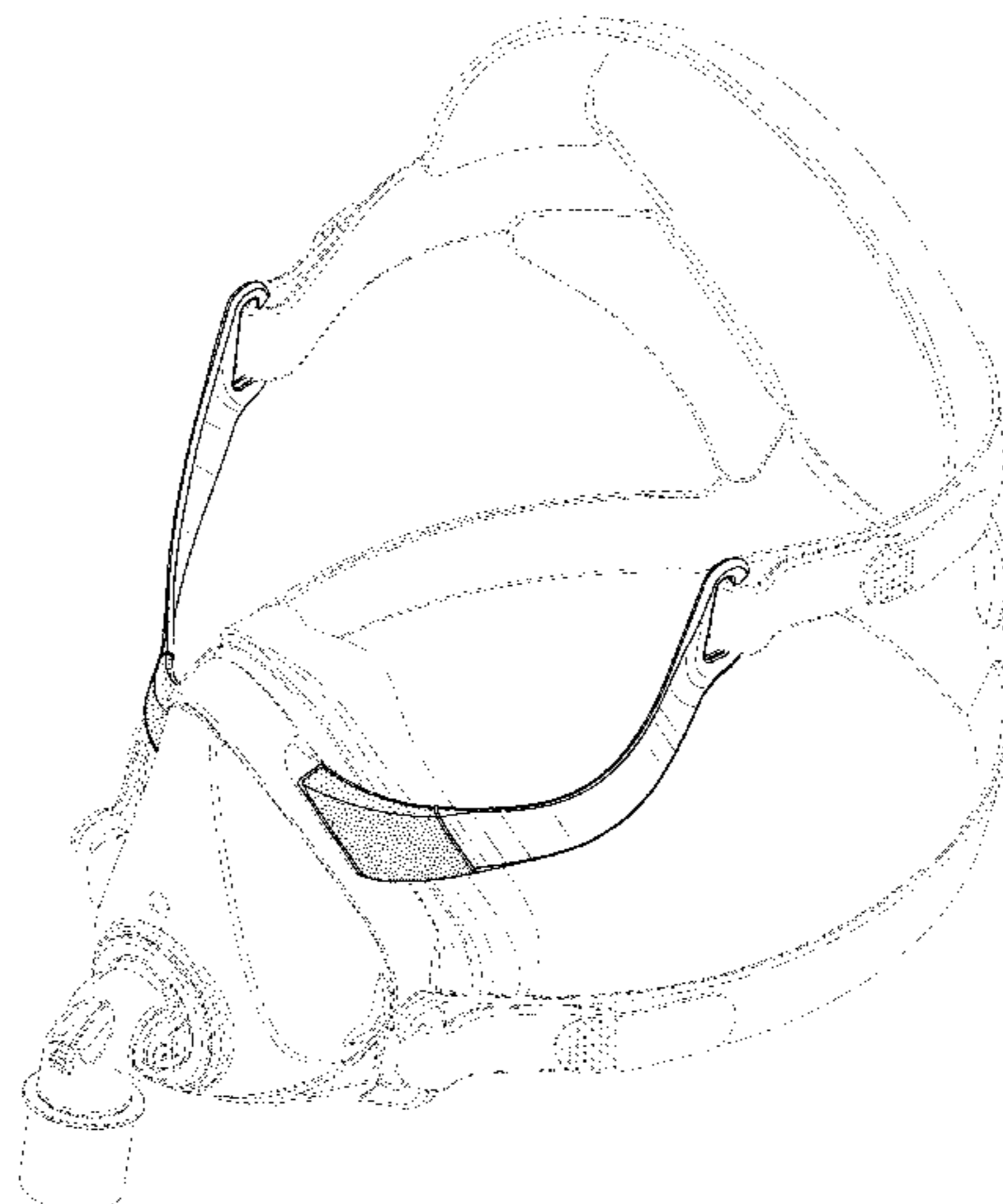
The broken line showing of the patient interface in FIGS. 1 and 9 depicts the environment of the claimed design and forms no part thereof. All other broken lines depict portions of the headgear connector that form no part of the claimed design.

**OTHER PUBLICATIONS**

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

Blanch et al., U.S. Appl. No. 29/593,197, filed Feb. 7, 2017, entitled "Headgear for Patient Interface," (parent application).

**1 Claim, 14 Drawing Sheets**



**Related U.S. Application Data**

continuation of application No. 29/565,104, filed on May 18, 2016, now Pat. No. Des. 782,655, which is a division of application No. 29/480,985, filed on Jan. 31, 2014, now Pat. No. Des. 760,379.

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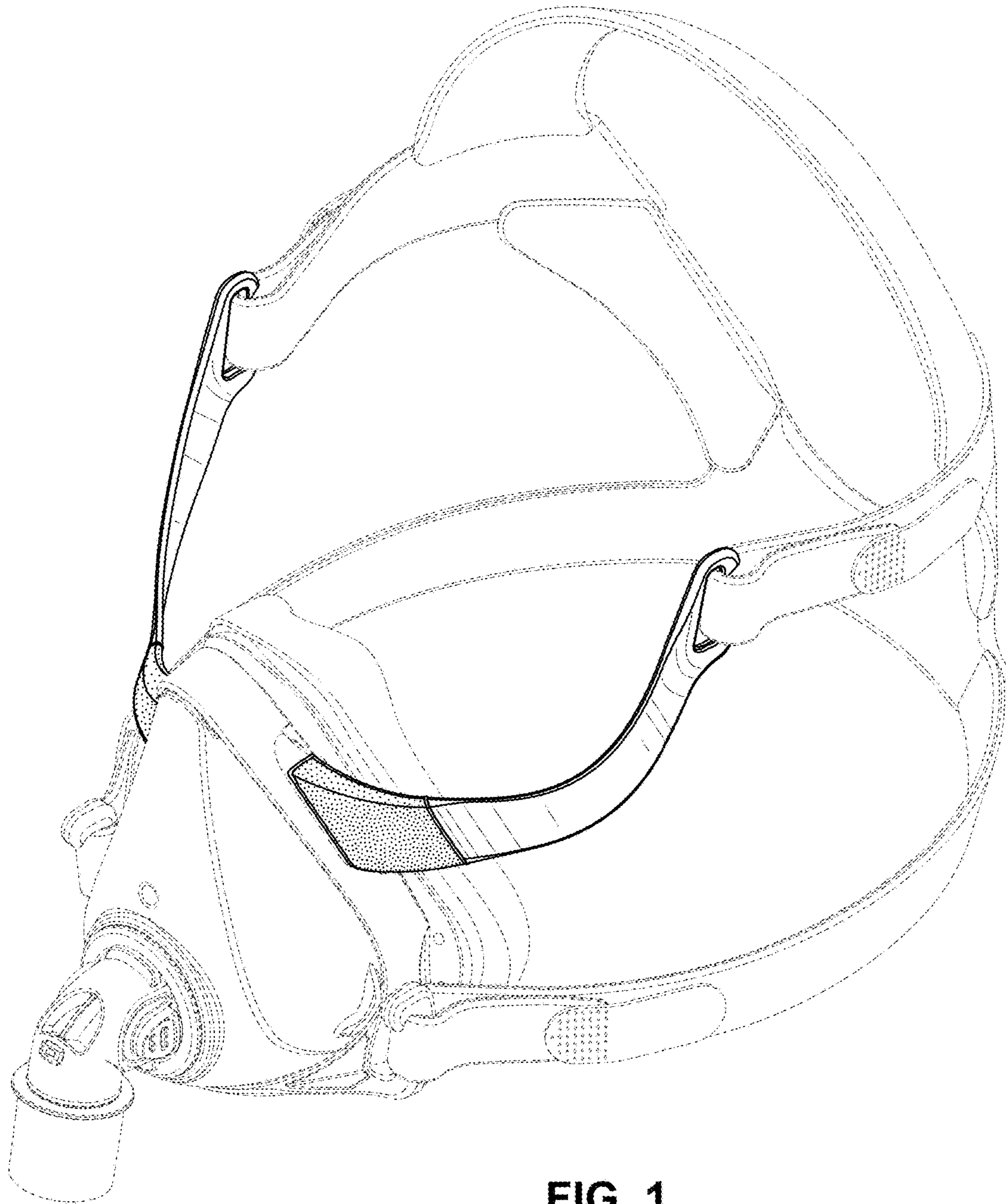


FIG. 1

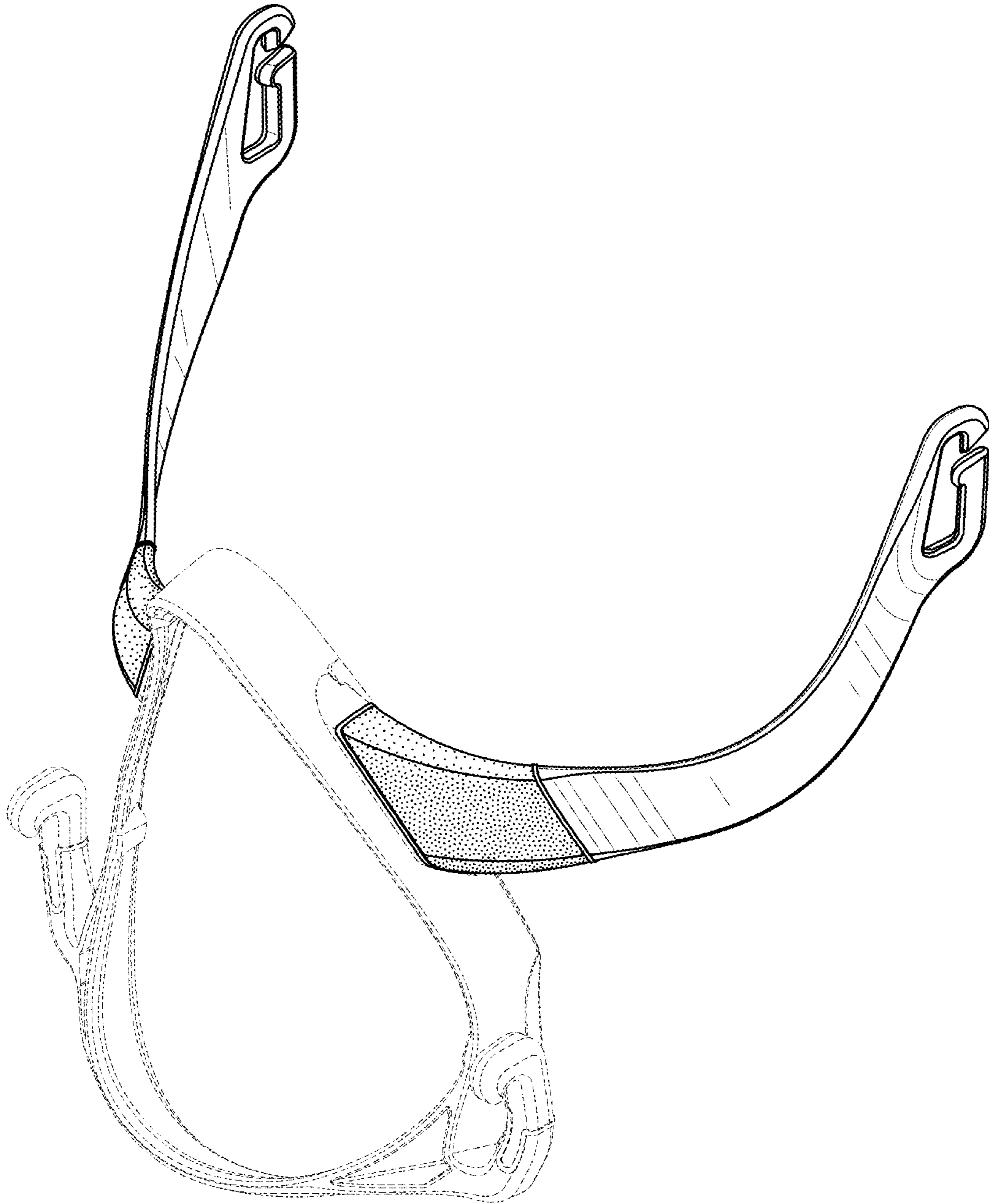


FIG. 2

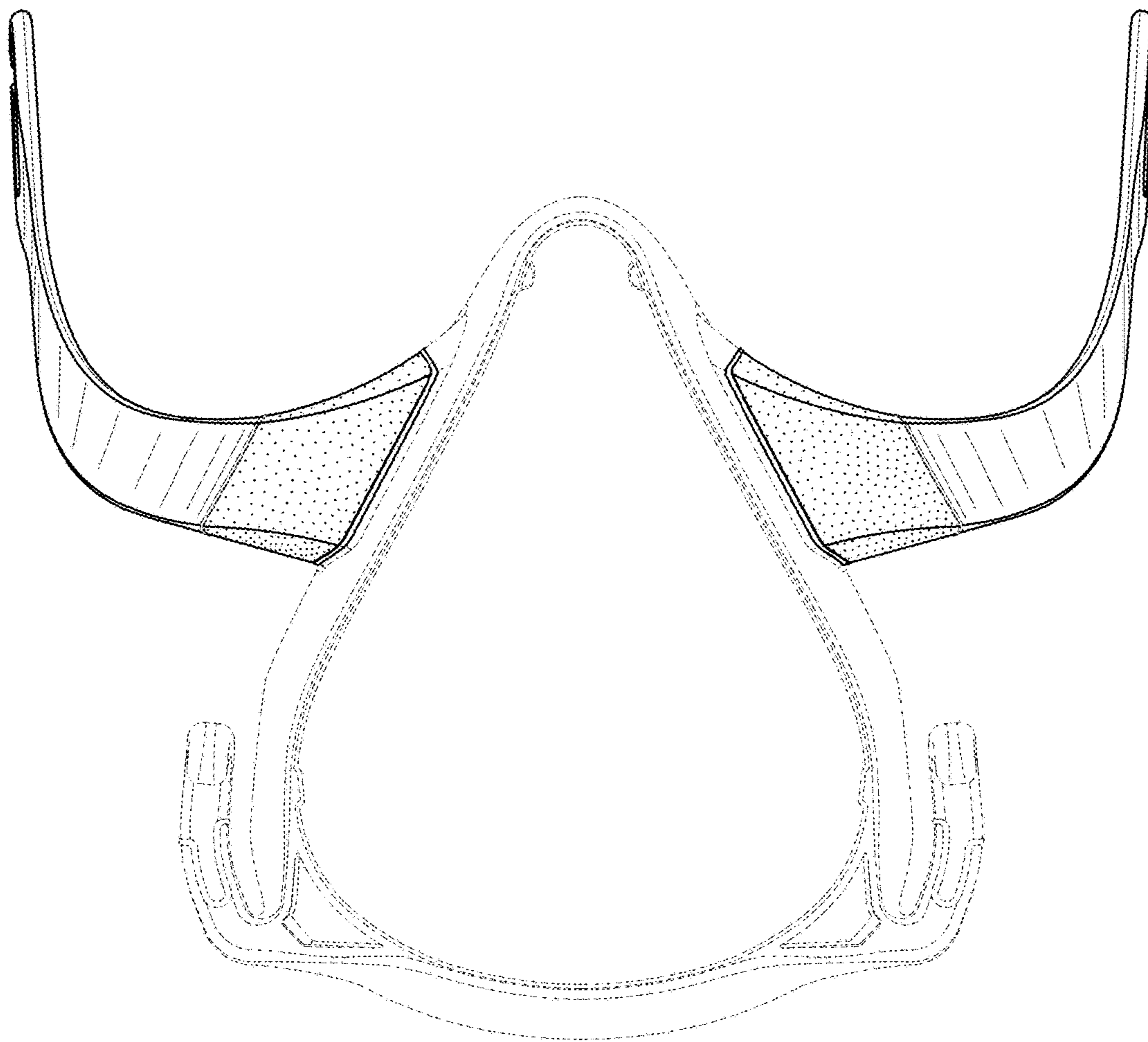


FIG. 3

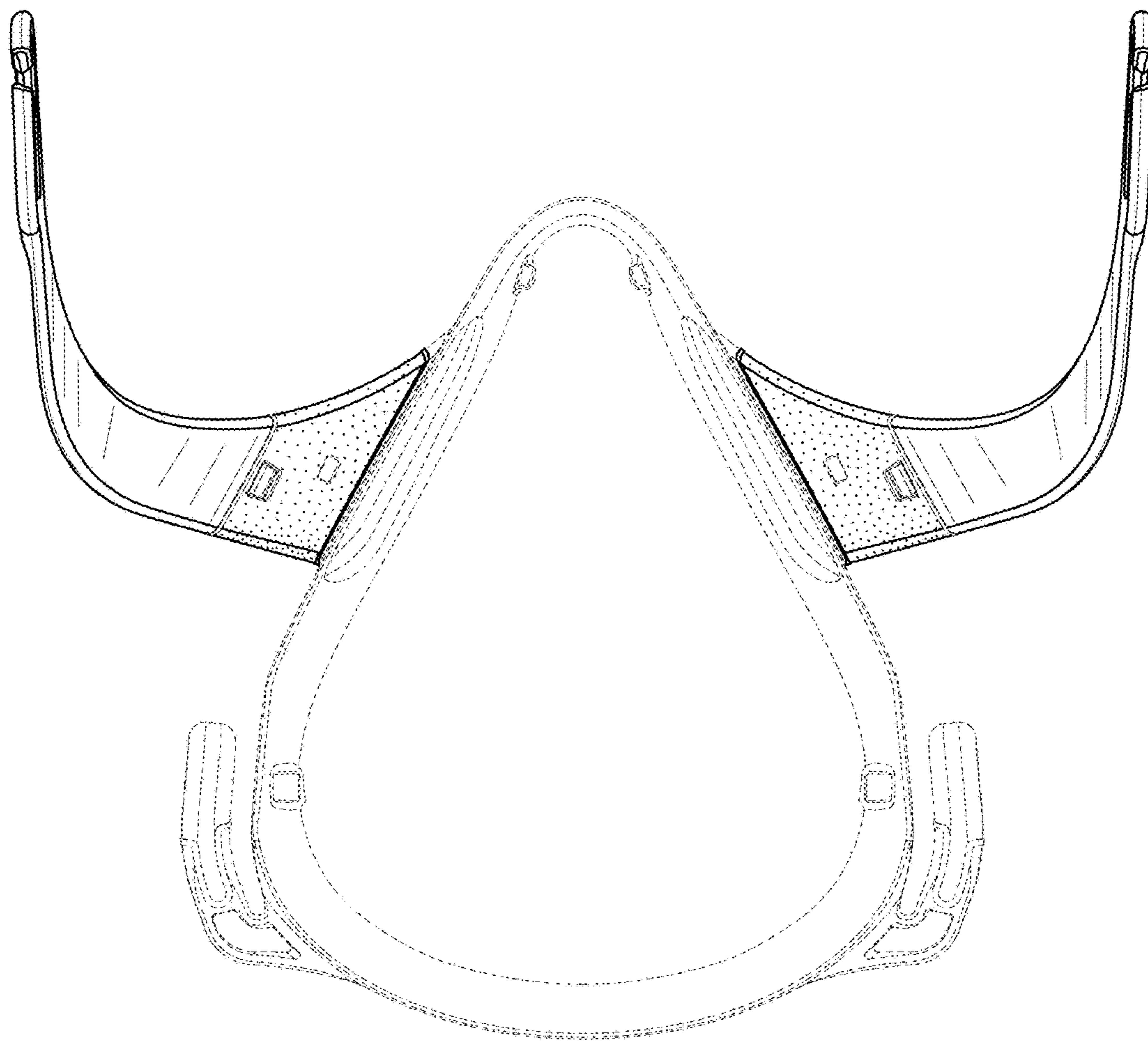


FIG. 4

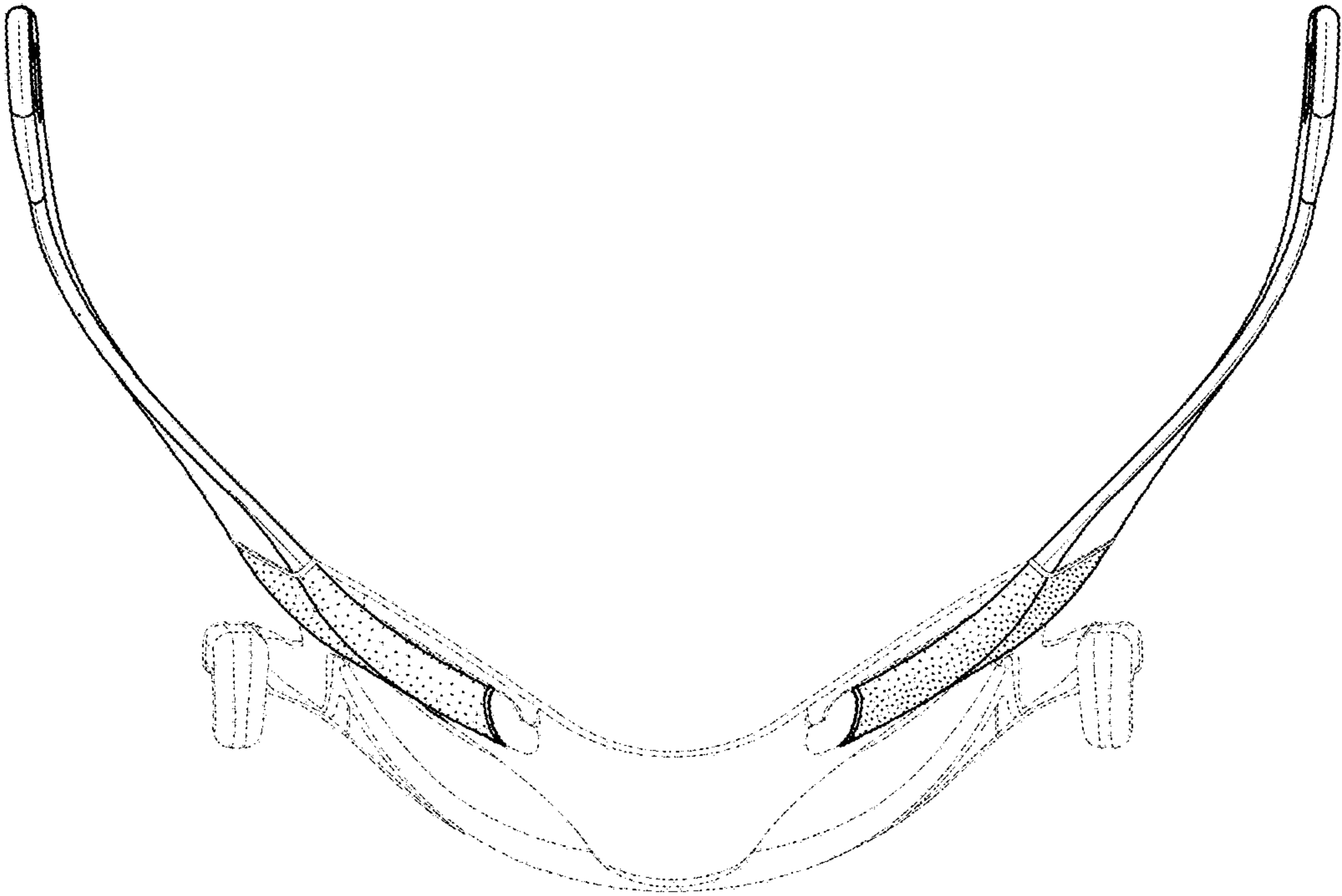


FIG. 5

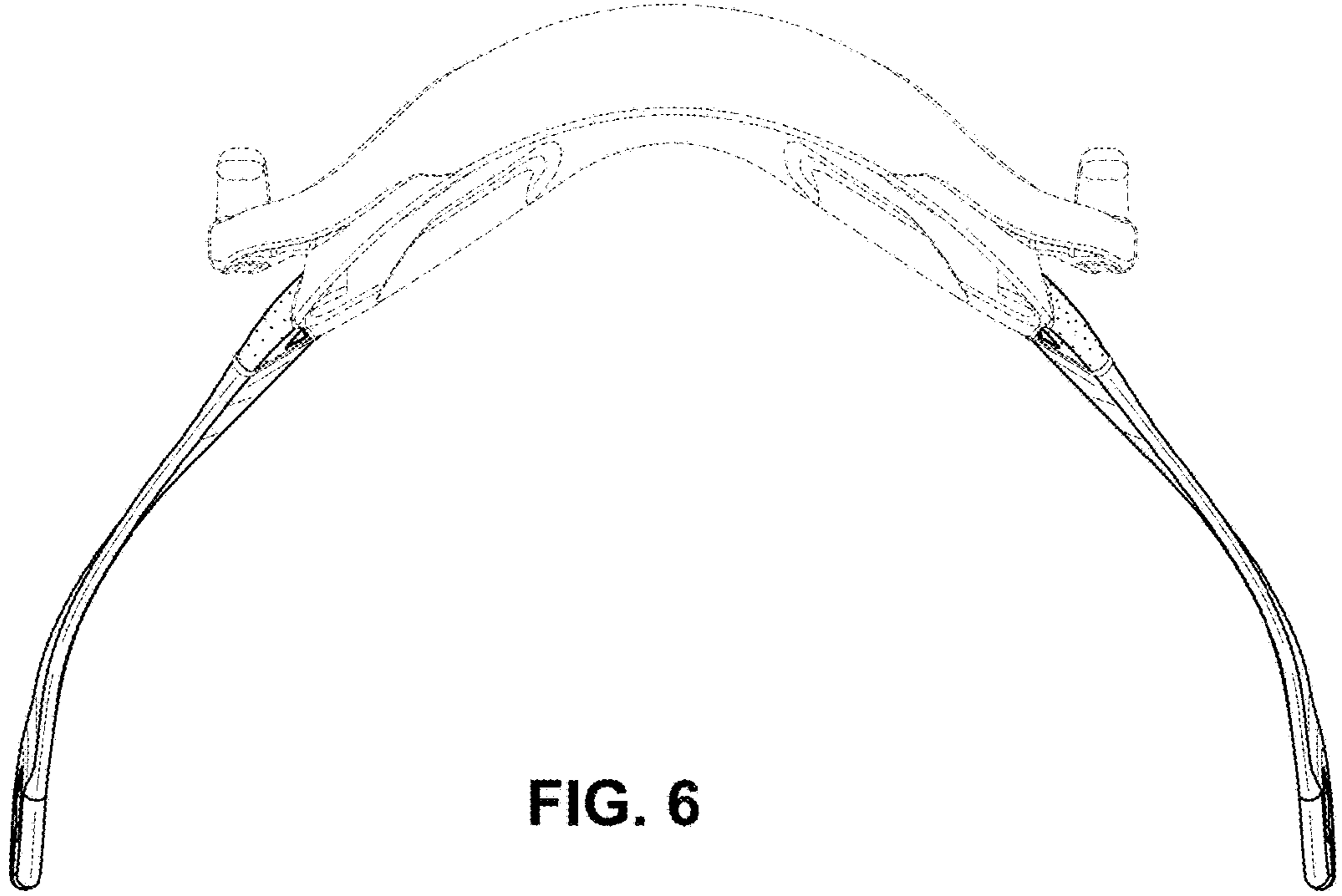


FIG. 6

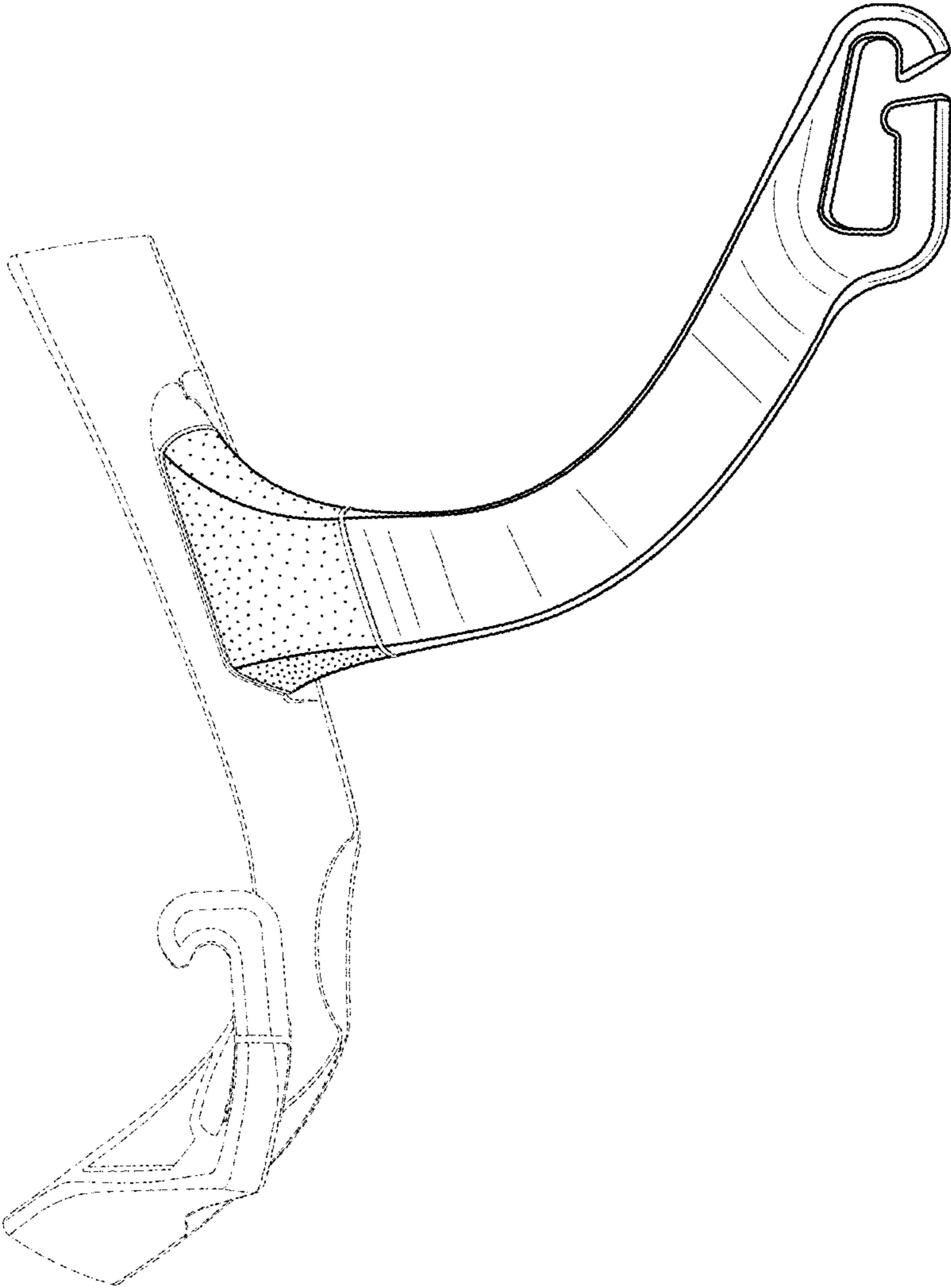


FIG. 7



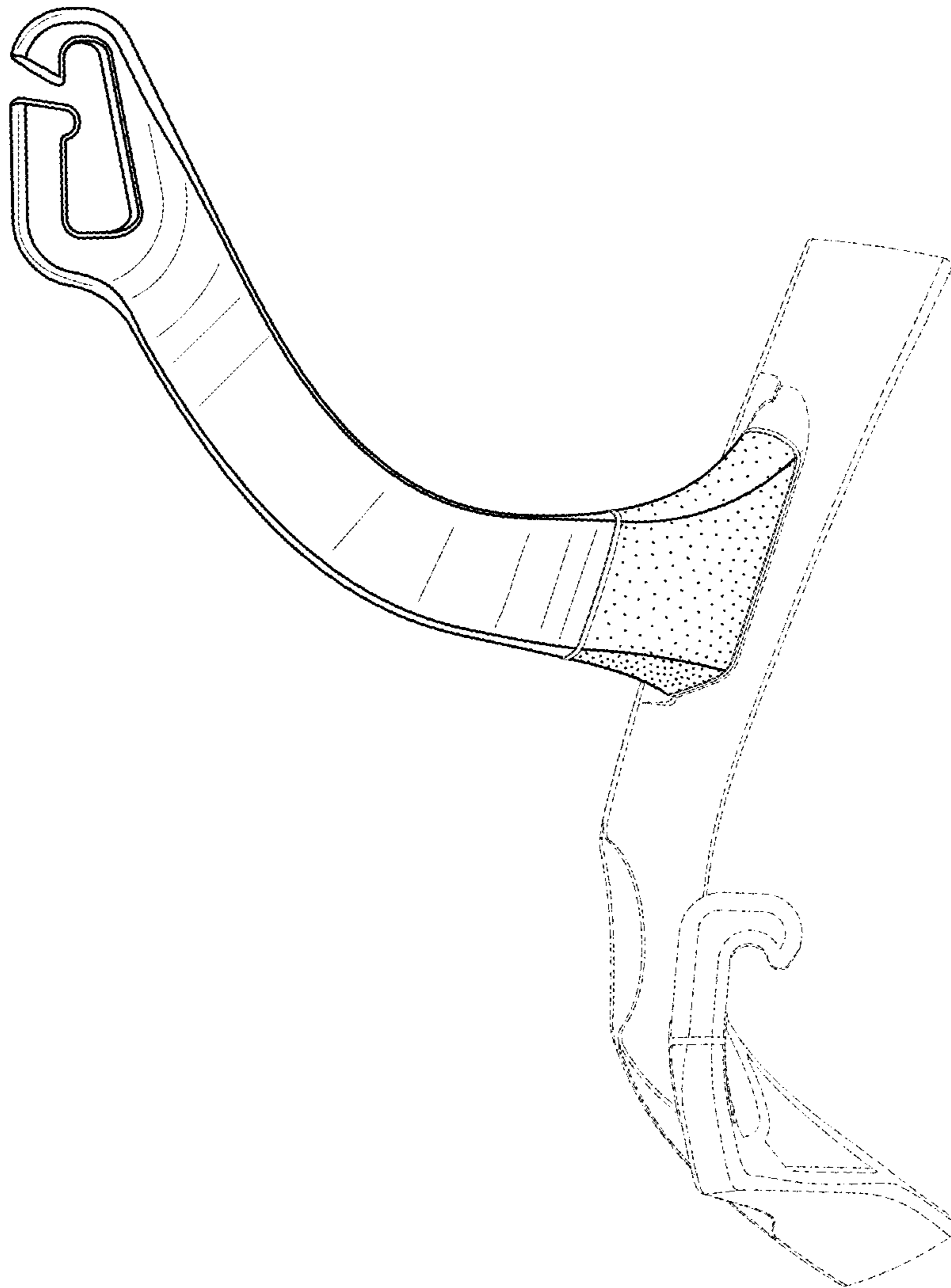


FIG. 8

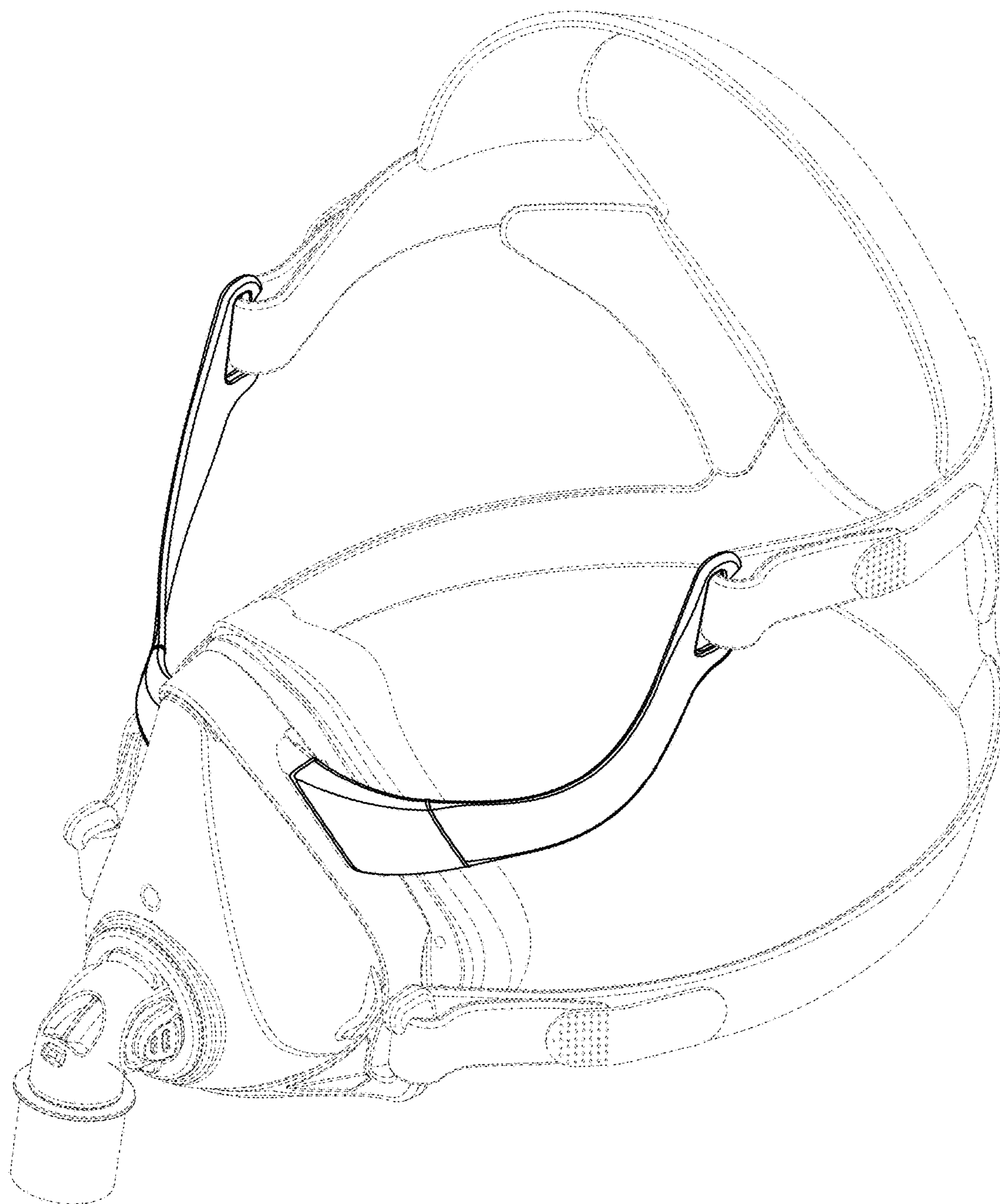
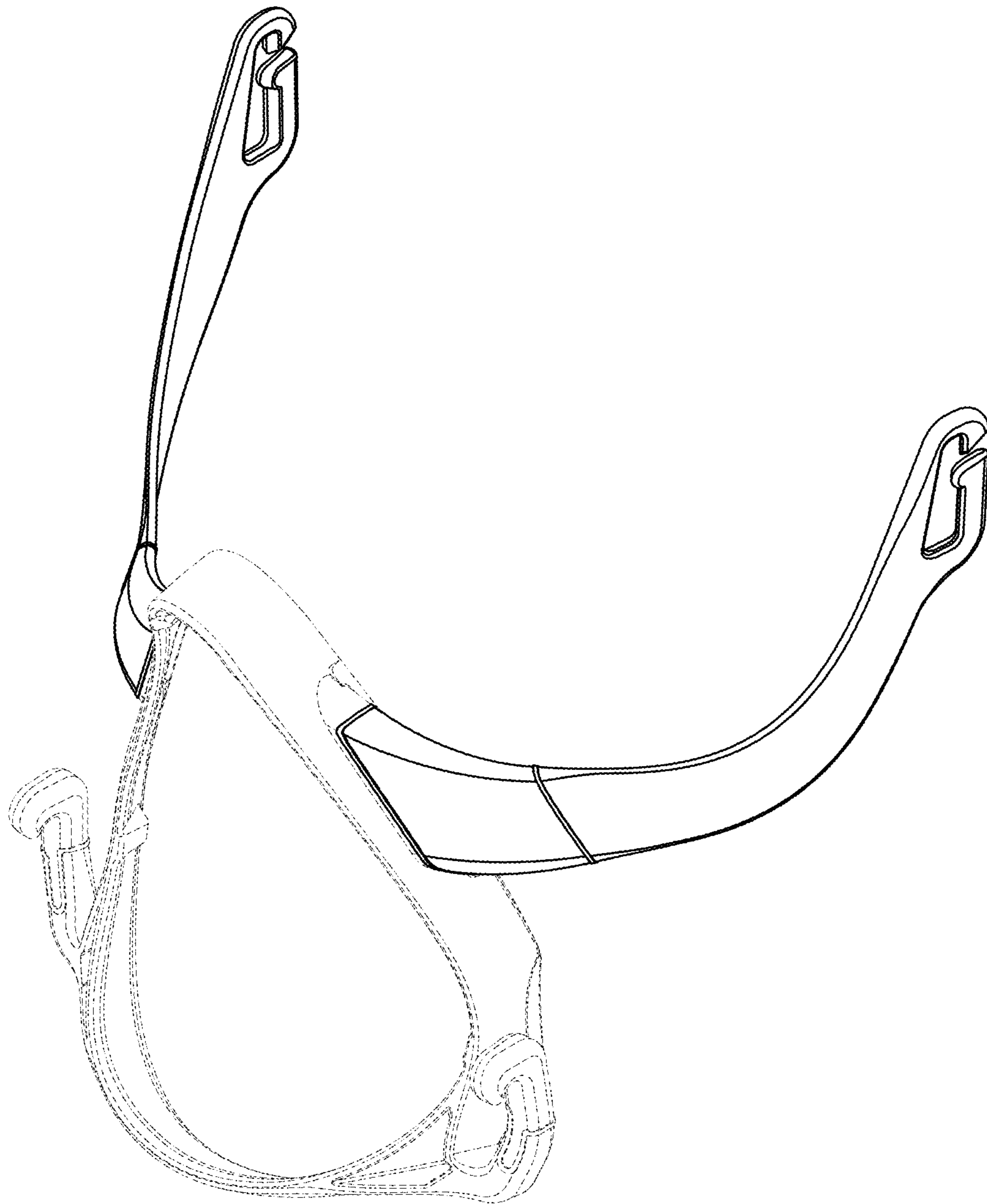


FIG. 9



**FIG. 10**

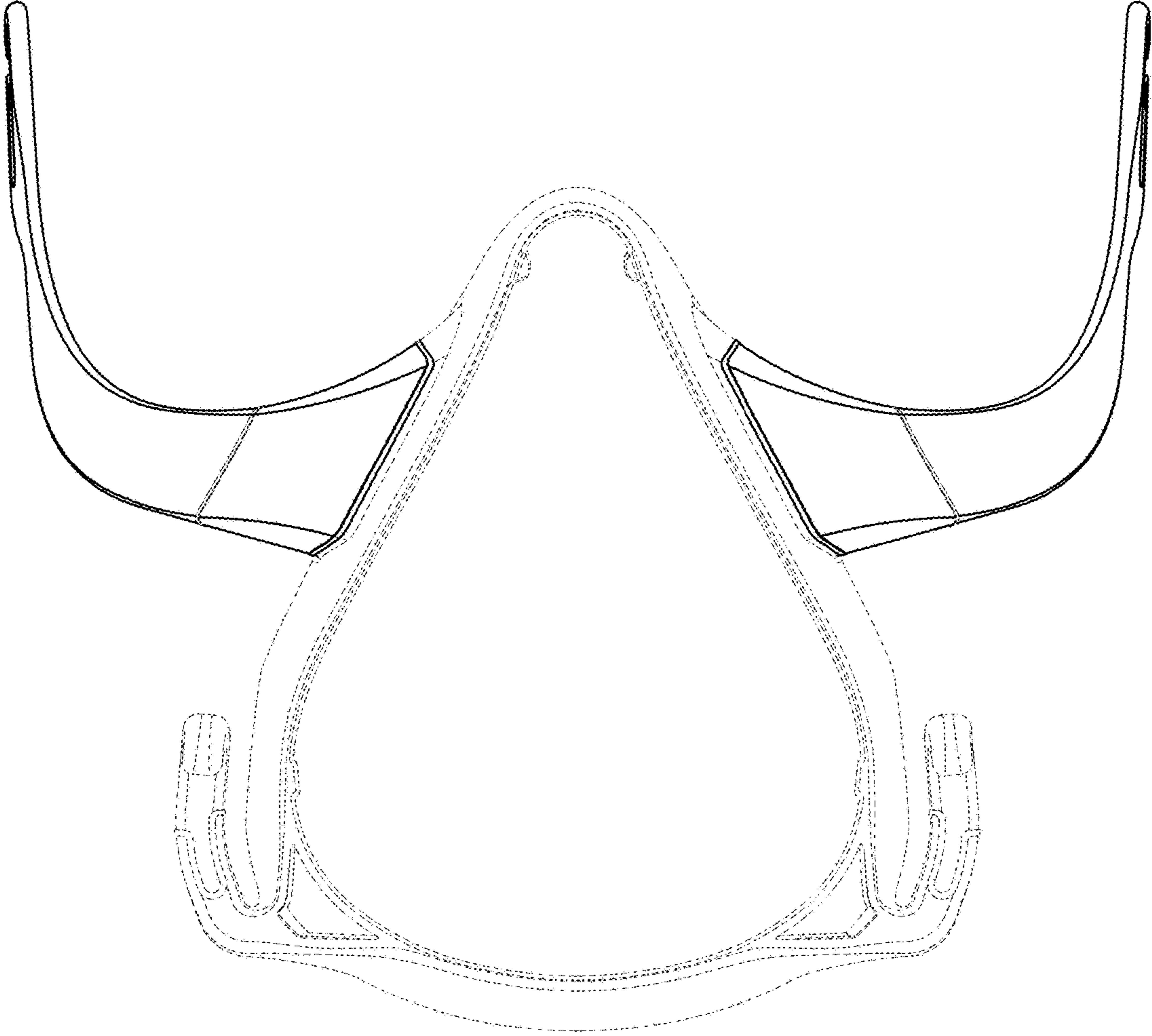


FIG. 11

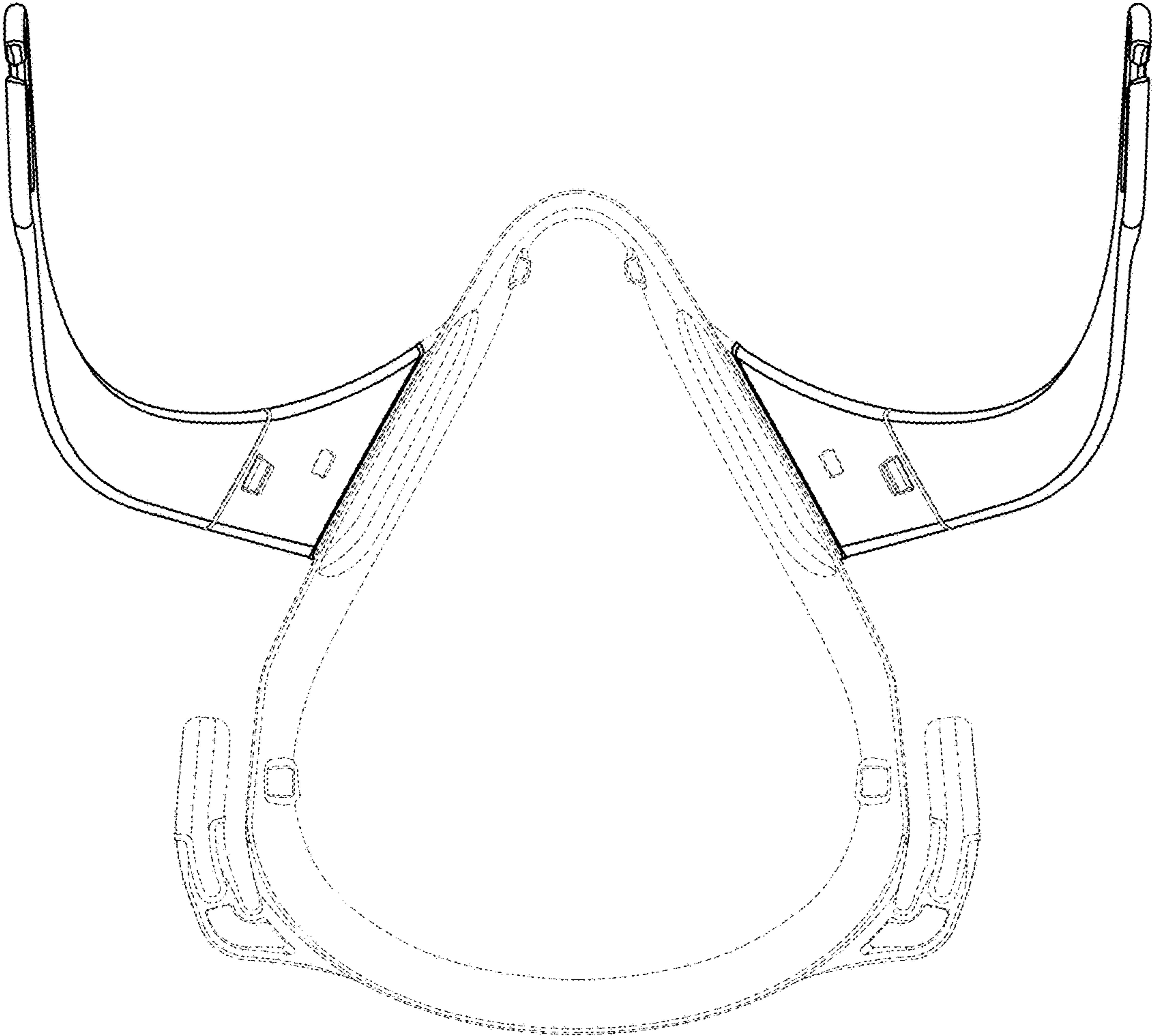


FIG. 12

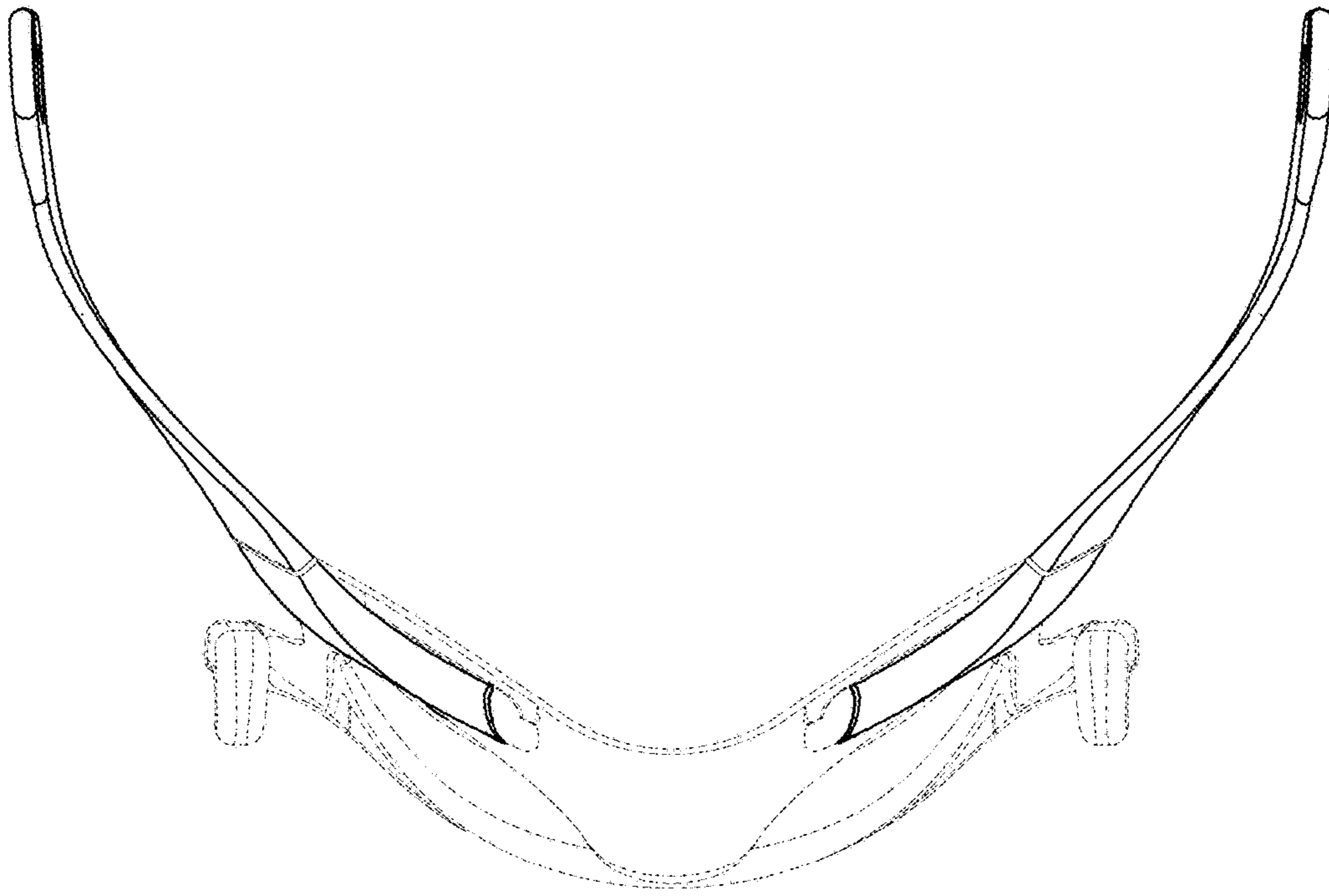


FIG. 13

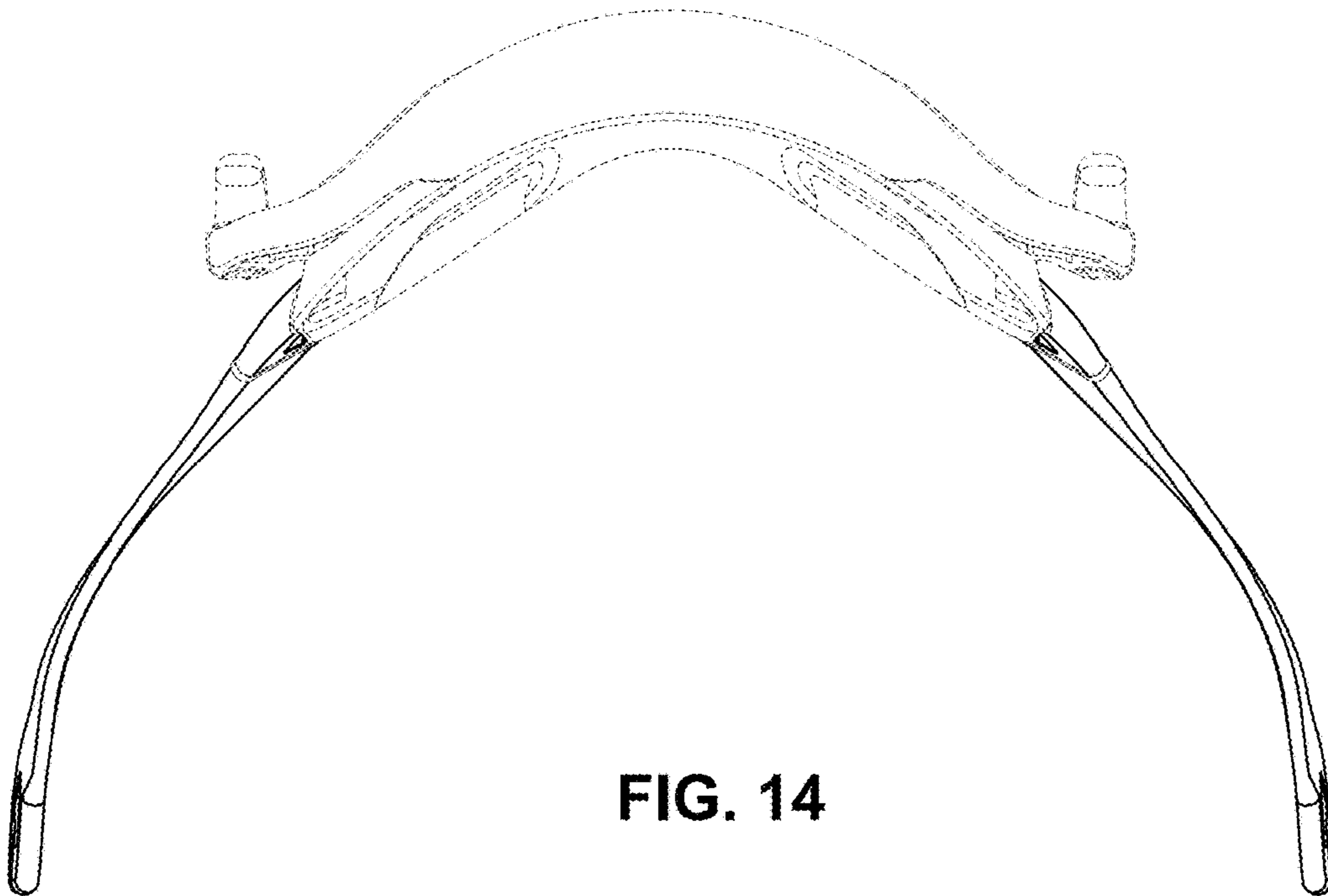
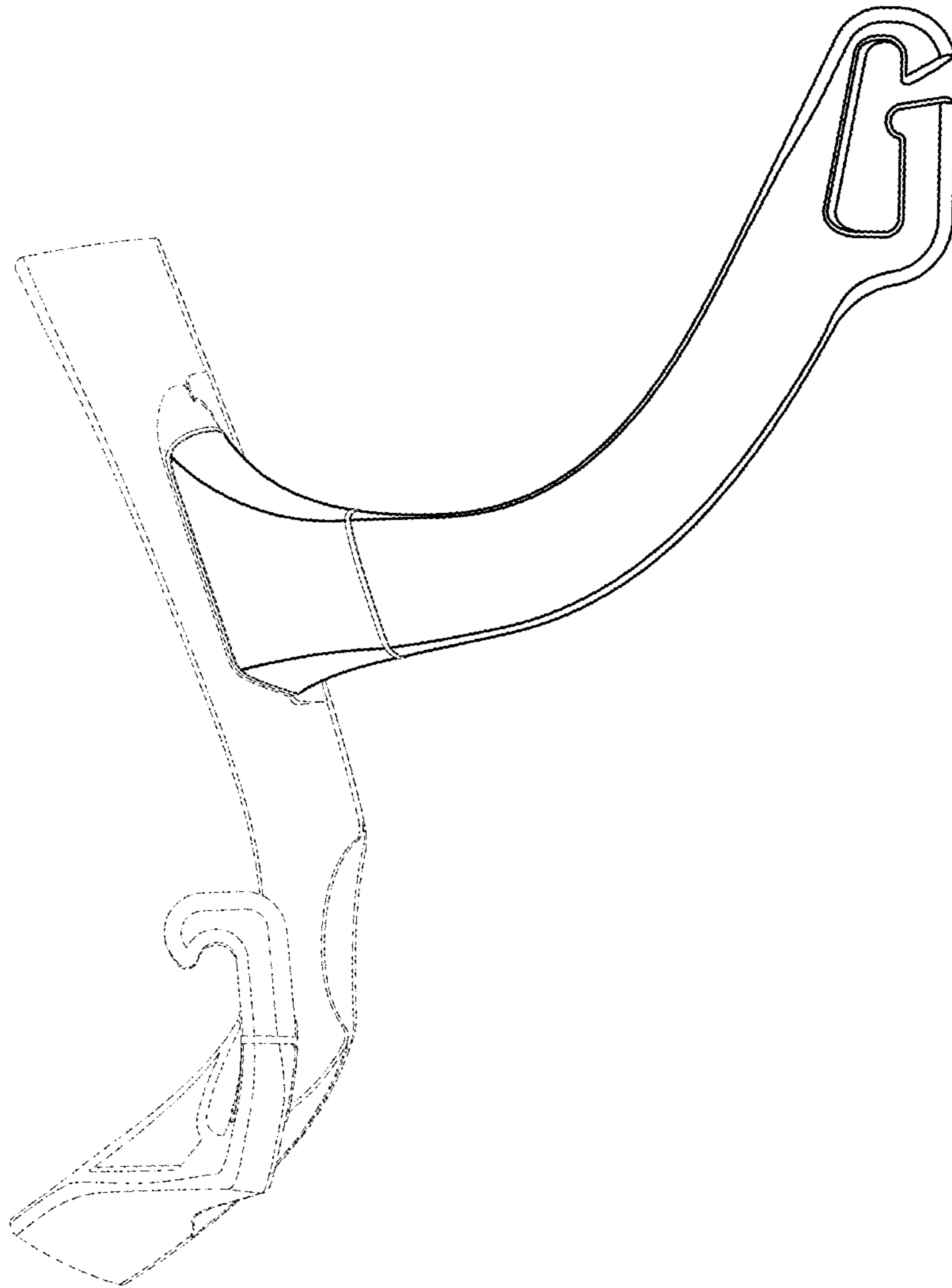


FIG. 14



**FIG. 15**

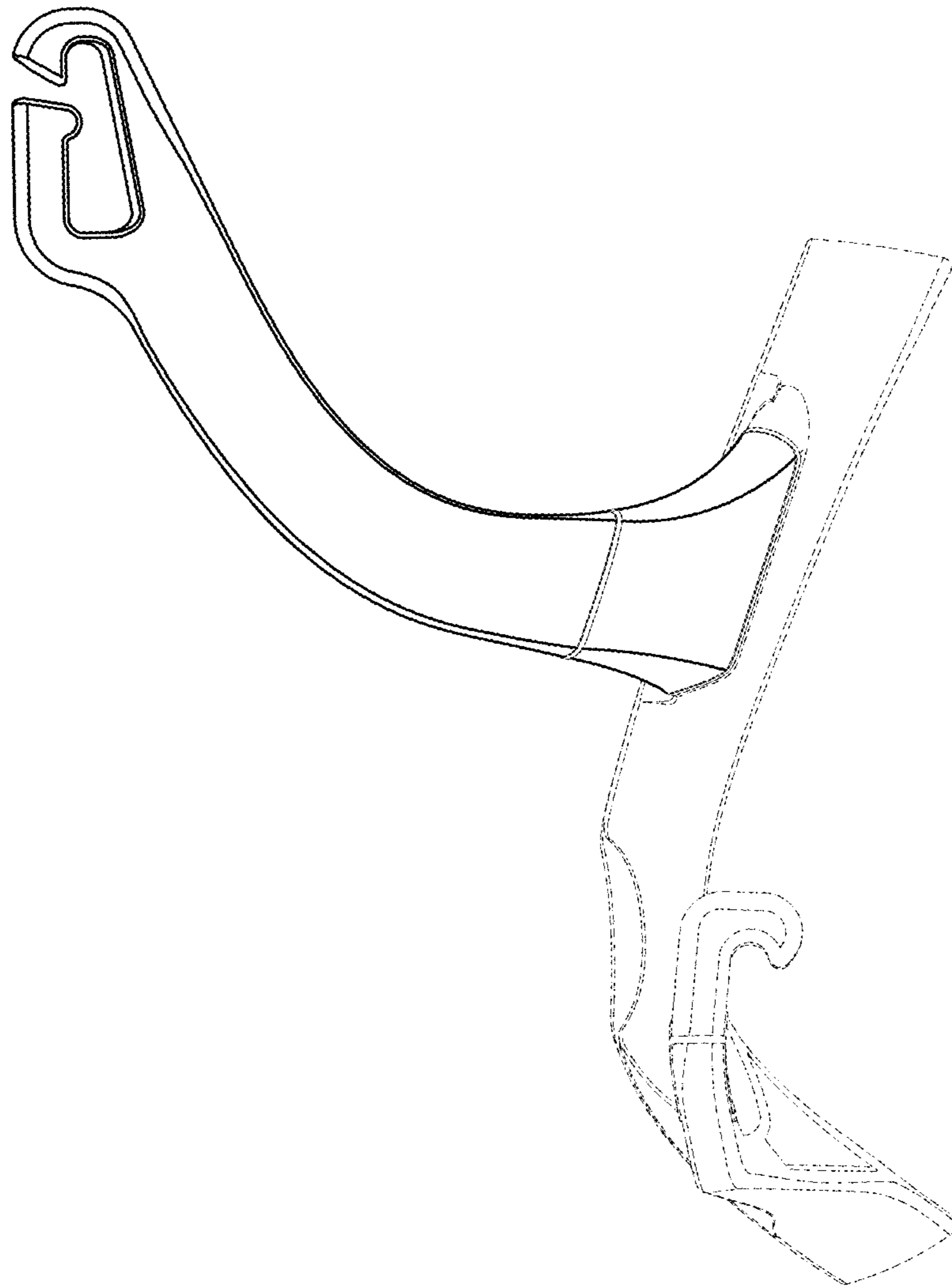


FIG. 16