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(12) **United States Design Patent** (10) **Patent No.:** **US D1,001,288 S**
Moeinipour Maraghi (45) **Date of Patent:** **** Oct. 10, 2023**

(54) **PASSIVE SNORE-SENSITIVE MANDIBULAR PROTRUSION OPTIMIZER ORAL APPLIANCE FOR OBSTRUCTIVE SLEEP APNEA PREVENTION**

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

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(22) Filed: **Sep. 10, 2021**

(51) **LOC (14) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/181**

(58) **Field of Classification Search**
USPC D24/176, 178, 108, 180–182; D29/108
(Continued)

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(Continued)

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(57) **CLAIM**

The ornamental design for a passive snore-sensitive mandibular protrusion optimizer oral appliance for obstructive sleep apnea prevention, substantially as shown and described.

DESCRIPTION

FIG. 1 is a top, left-side perspective view of a passive snore-sensitive mandibular protrusion optimizer oral appliance for obstructive sleep apnea prevention, assembled on dental casts;

FIG. 2 is a bottom, right-side perspective view of the complete passive snore-sensitive mandibular protrusion optimizer oral appliance for obstructive sleep apnea prevention, assembled on dental casts;

FIG. 3 is a top, left-side perspective view of the passive snore-sensitive mandibular protrusion optimizer oral appliance for obstructive sleep apnea prevention;

FIG. 4 a bottom, right-side perspective view of the passive snore-sensitive mandibular protrusion optimizer oral appliance for obstructive sleep apnea prevention;

FIG. 5 is a top-side view thereof;

FIG. 6 is a bottom-side view thereof;

FIG. 7 is a front-side view thereof;

FIG. 8 is a rear-side view thereof;

FIG. 9 is a left-side view thereof;

FIG. 10 is a right-side view thereof;

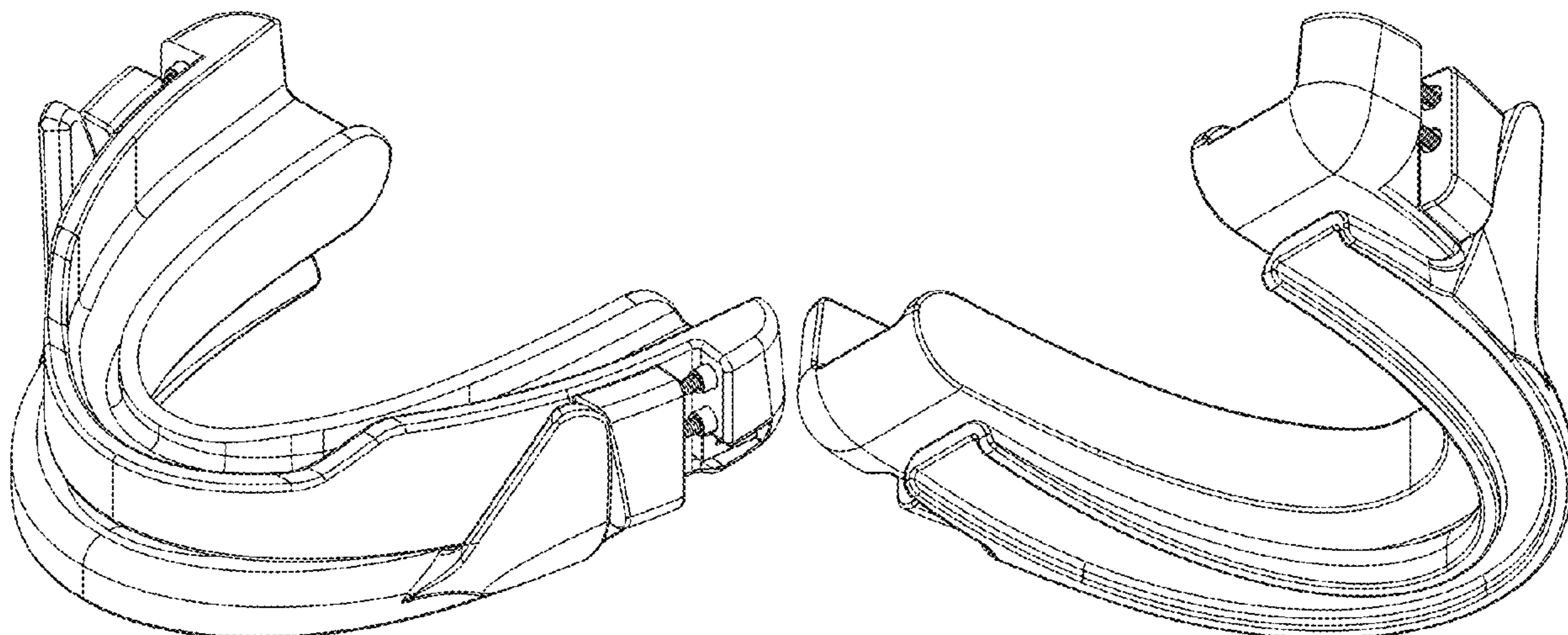
FIG. 11 is a top, left-side perspective view of the upper member of passive snore-sensitive mandibular protrusion optimizer oral appliance for obstructive sleep apnea prevention with the lower member removed for ease of illustration.

FIG. 12 a bottom, right-side perspective view of the upper member of passive snore-sensitive mandibular protrusion optimizer oral appliance for obstructive sleep apnea prevention with the lower member removed for ease of illustration.

FIG. 13 is a top, left-side perspective view of the lower member of passive snore-sensitive mandibular protrusion optimizer oral appliance for obstructive sleep apnea prevention with the upper member removed for ease of illustration; and,

FIG. 14 a bottom, right-side perspective view of the lower member of passive snore-sensitive mandibular protrusion optimizer oral appliance for obstructive sleep apnea prevention with the upper member removed for ease of illustration. The broken lines represent unclaimed subject matter and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(58) **Field of Classification Search**
CPC A61F 5/566; A61F 5/56; A61F 2005/563;
A61C 7/08; A61C 7/36
See application file for complete search history.

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				128/848

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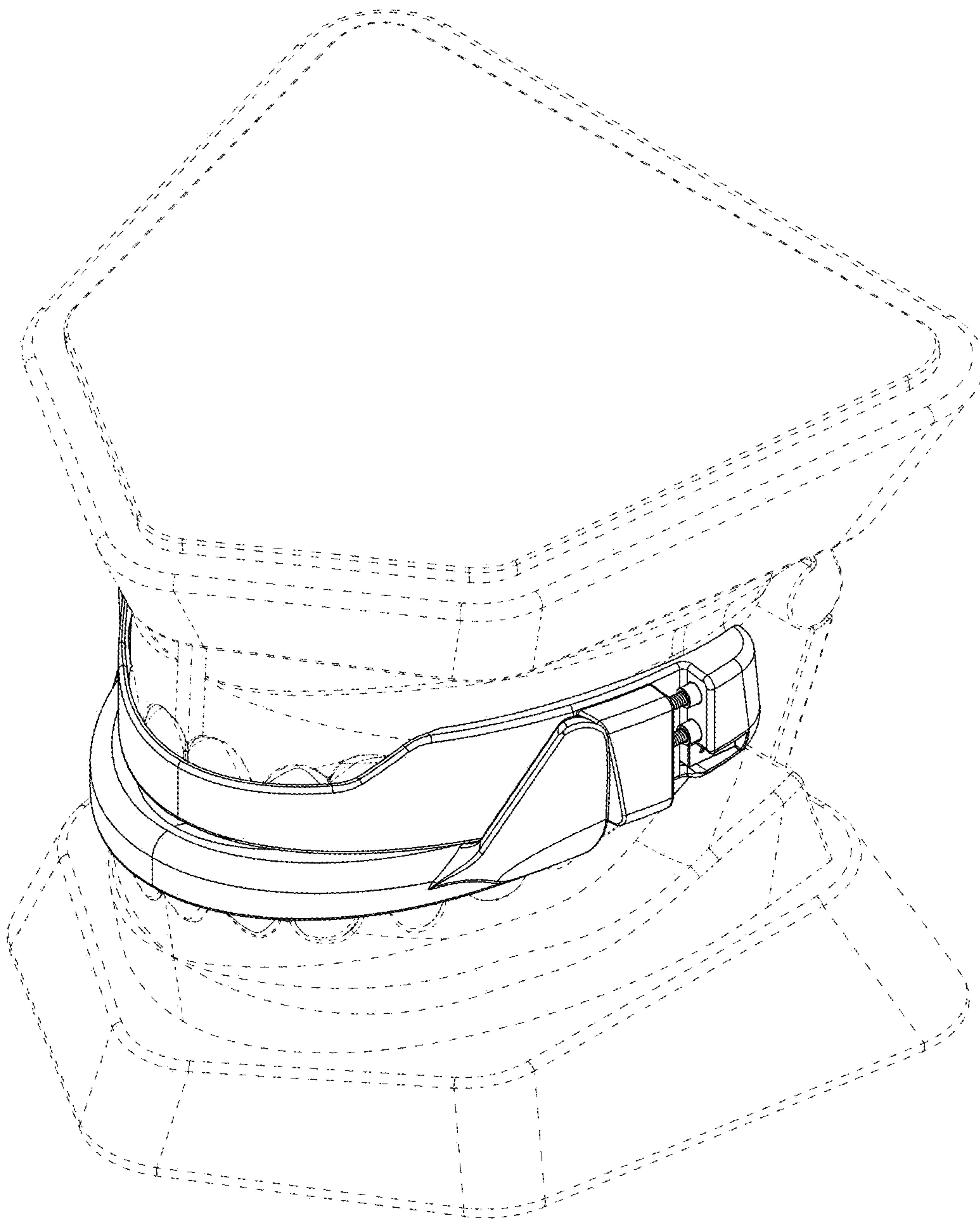


FIG.1

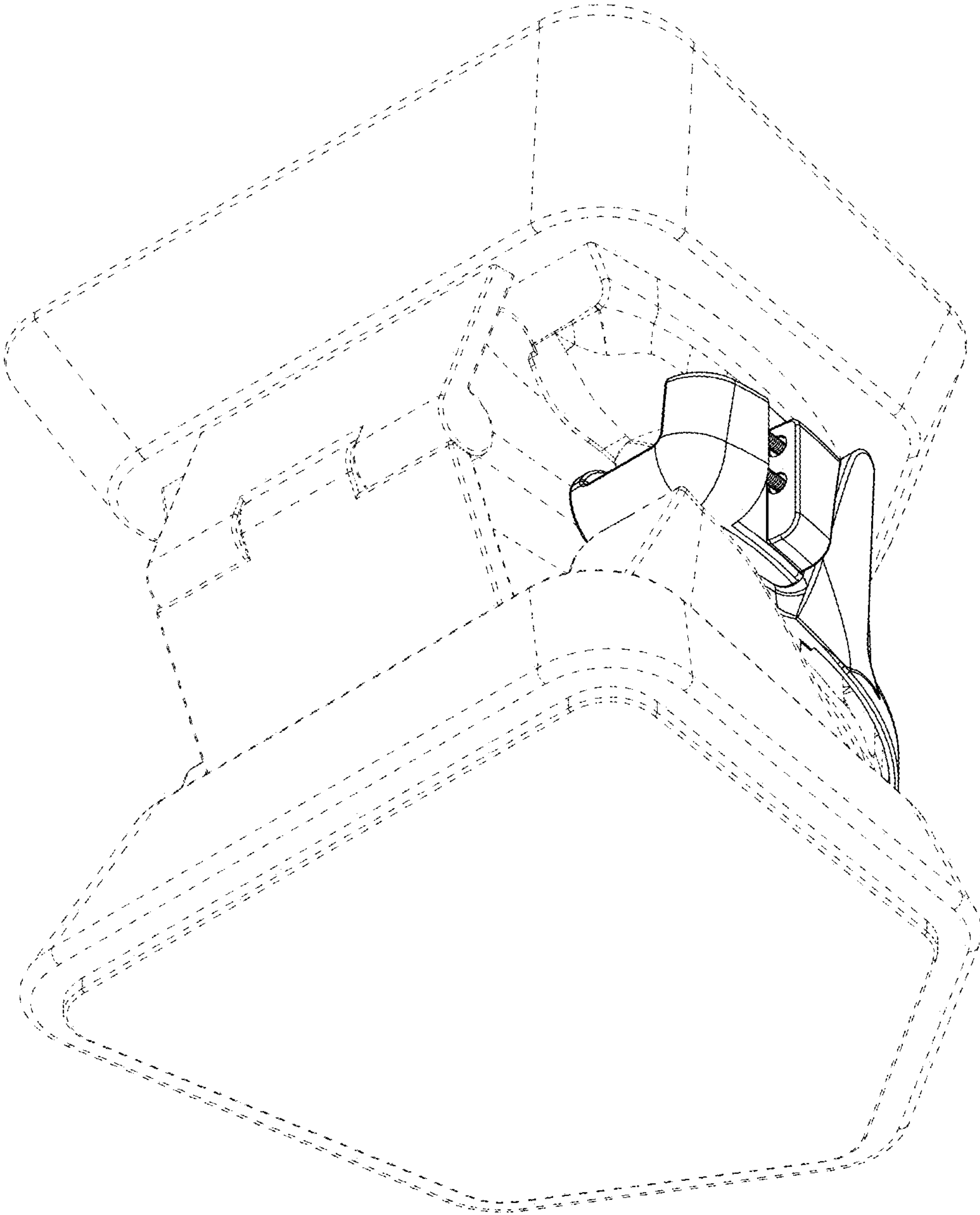


FIG.2

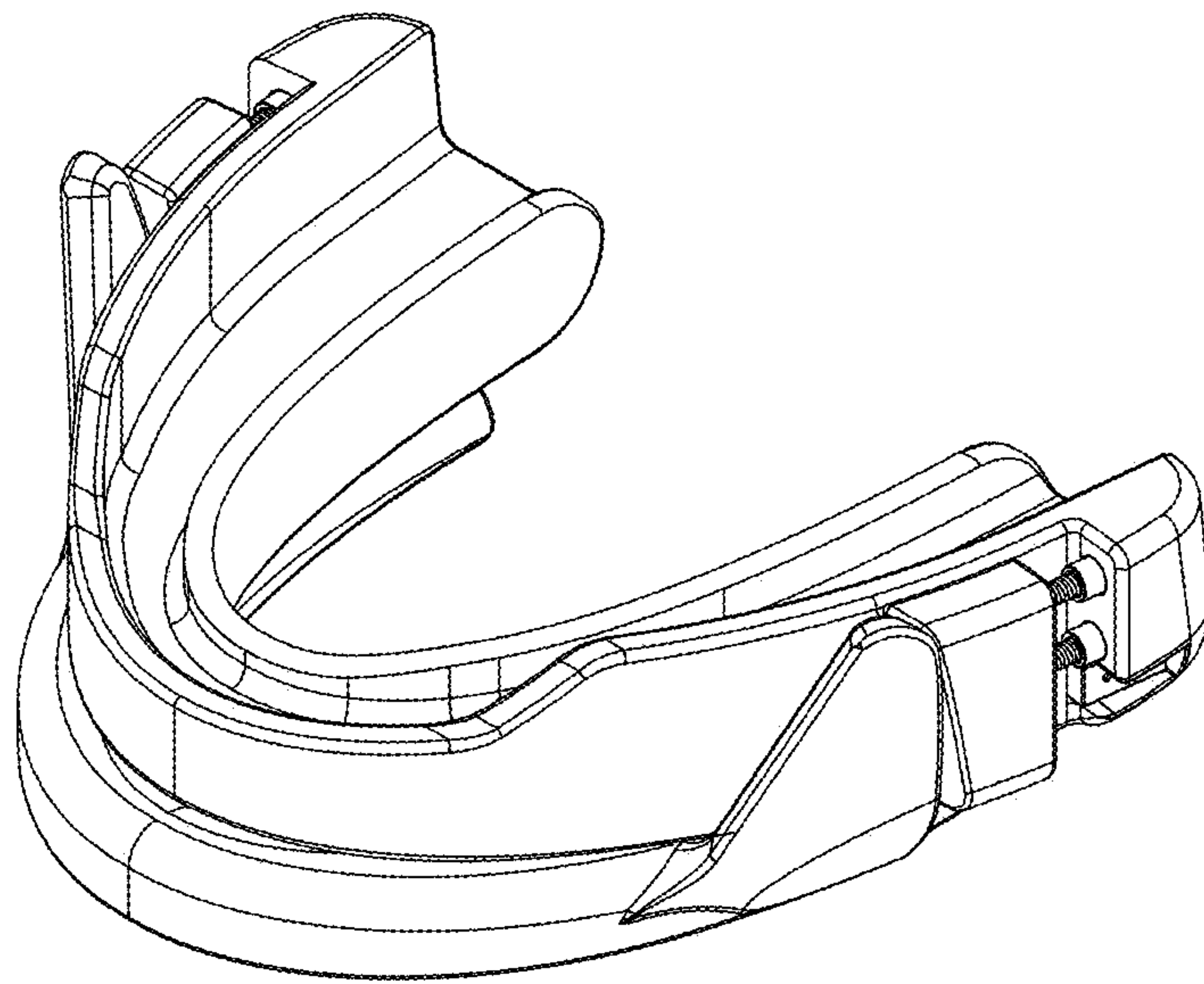


FIG.3

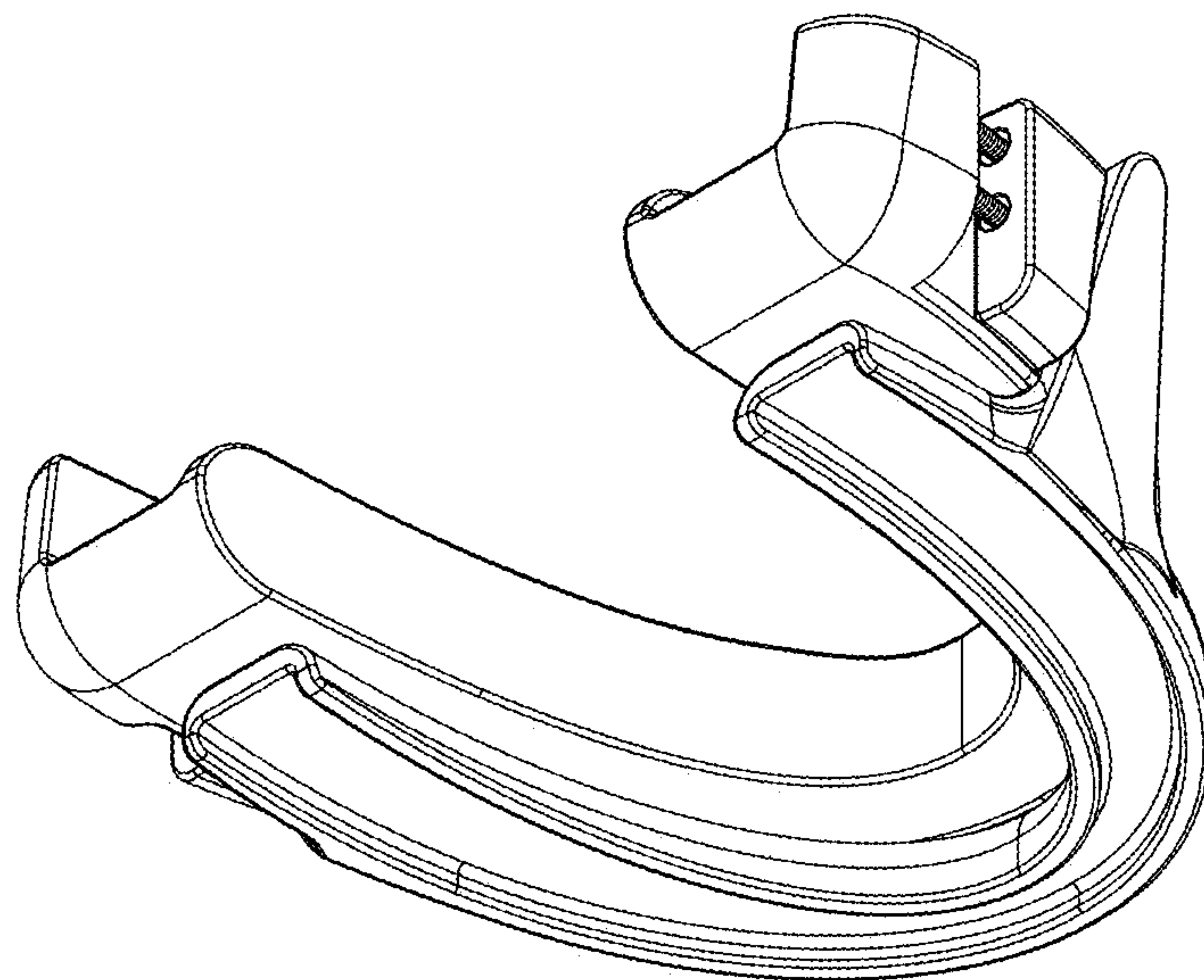


FIG.4

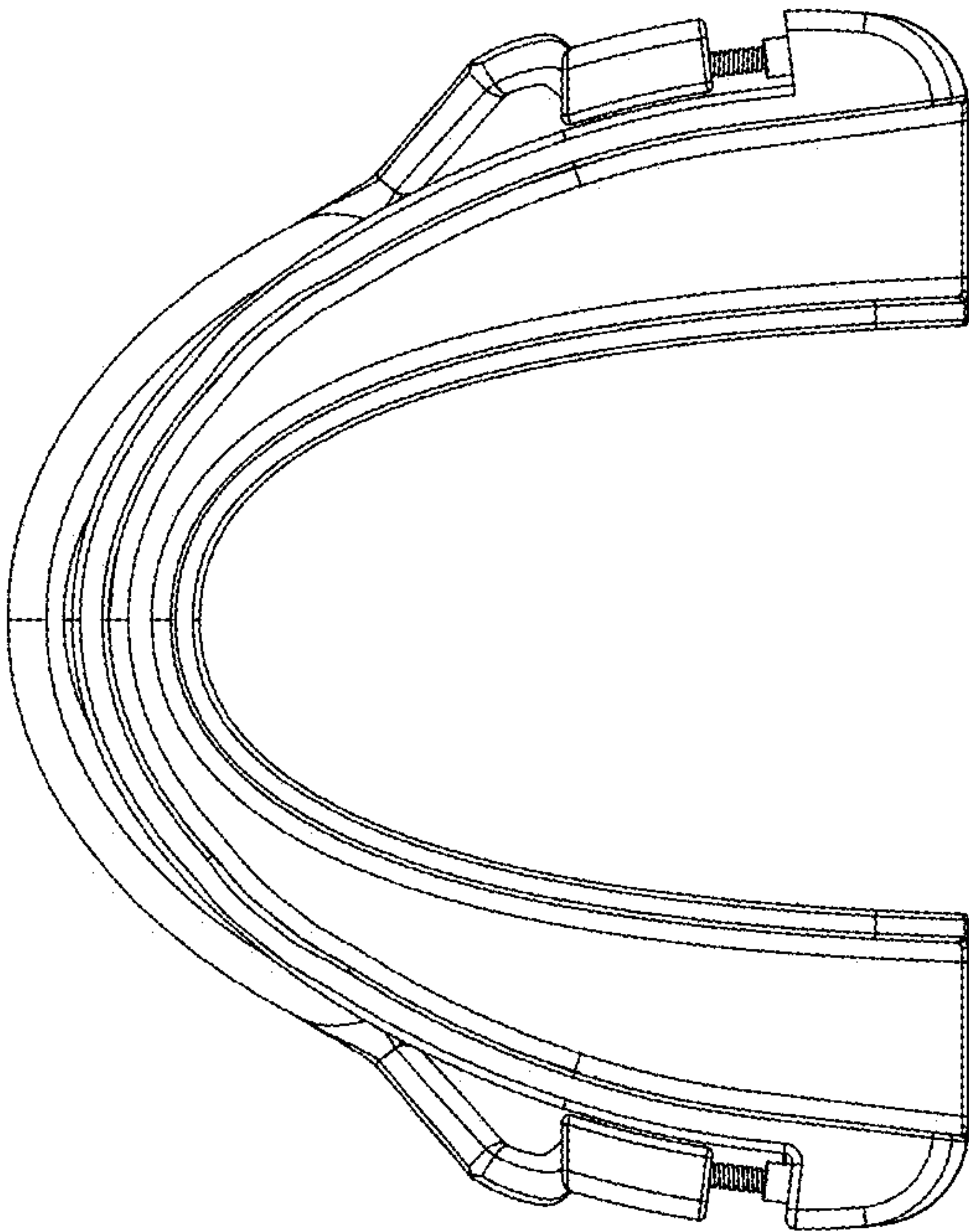


FIG.5

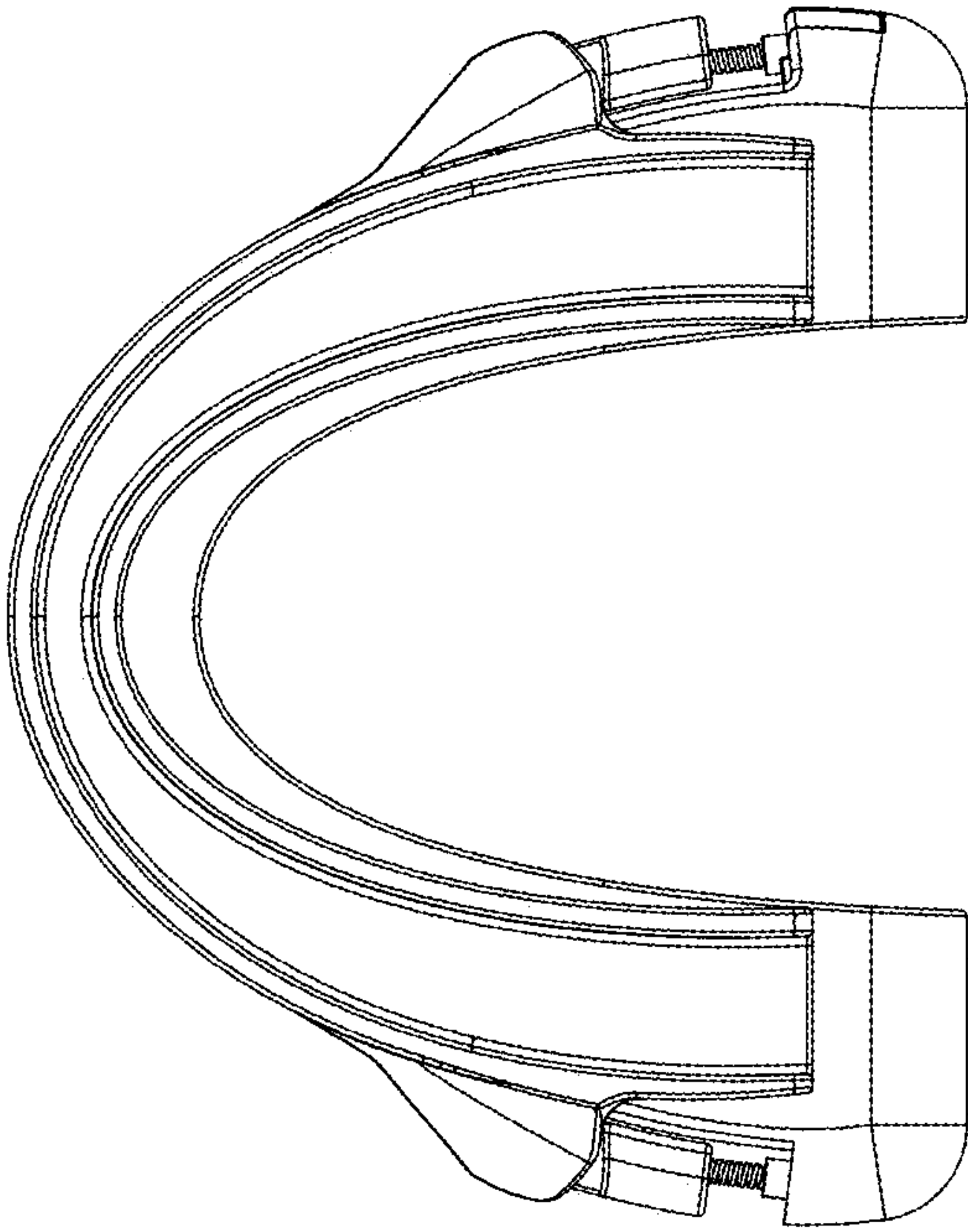


FIG.6

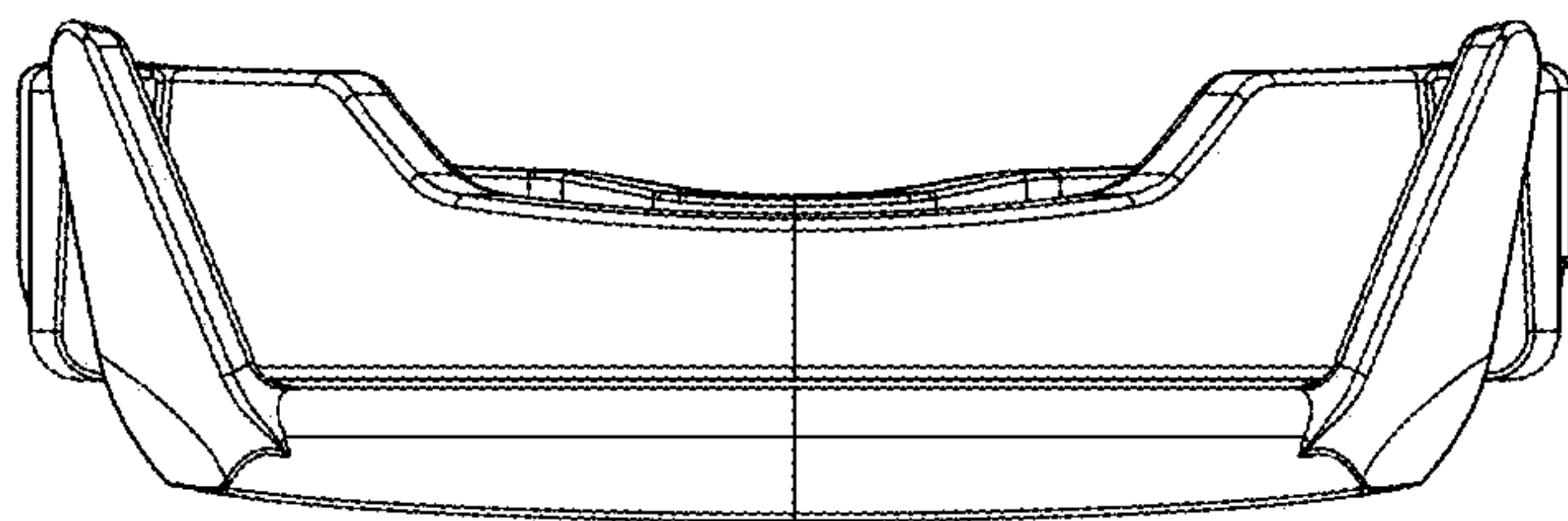


FIG. 7

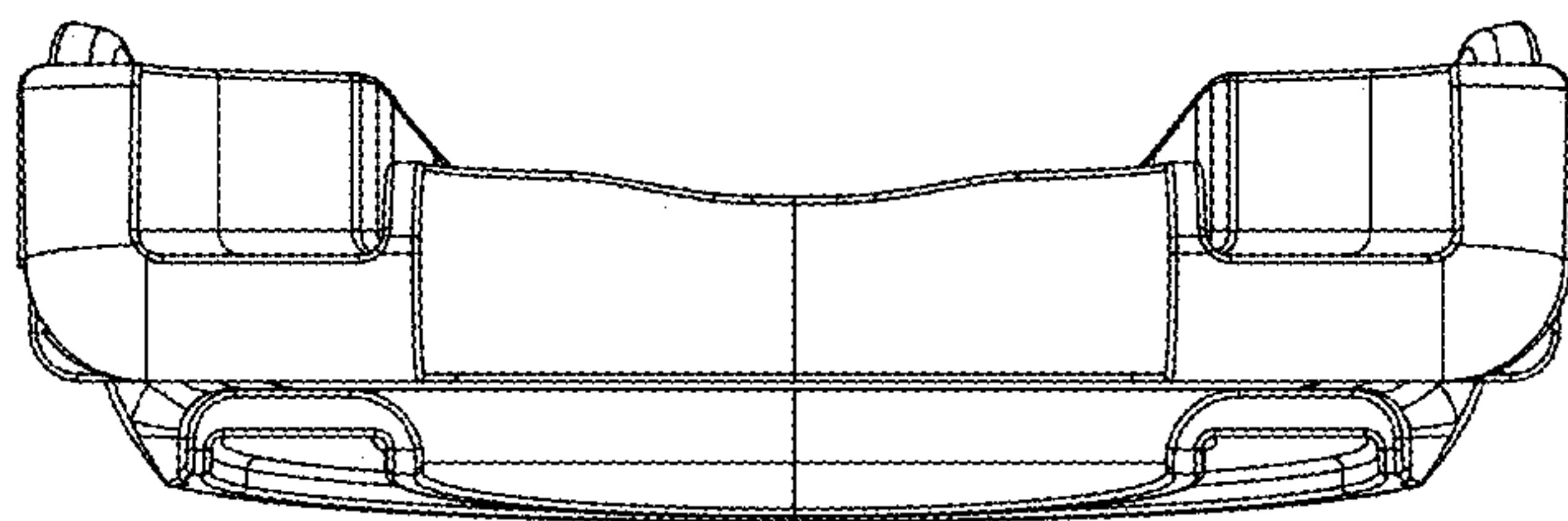


FIG. 8

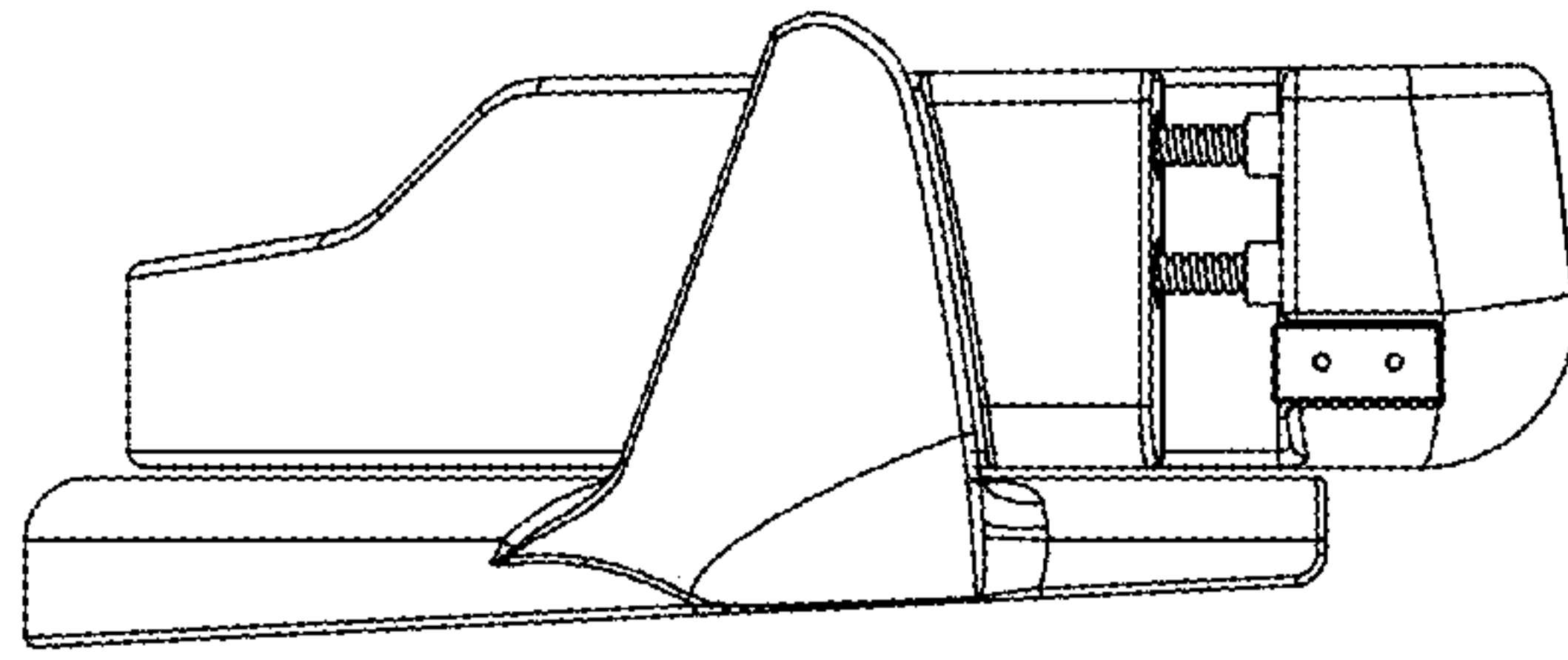


FIG.9

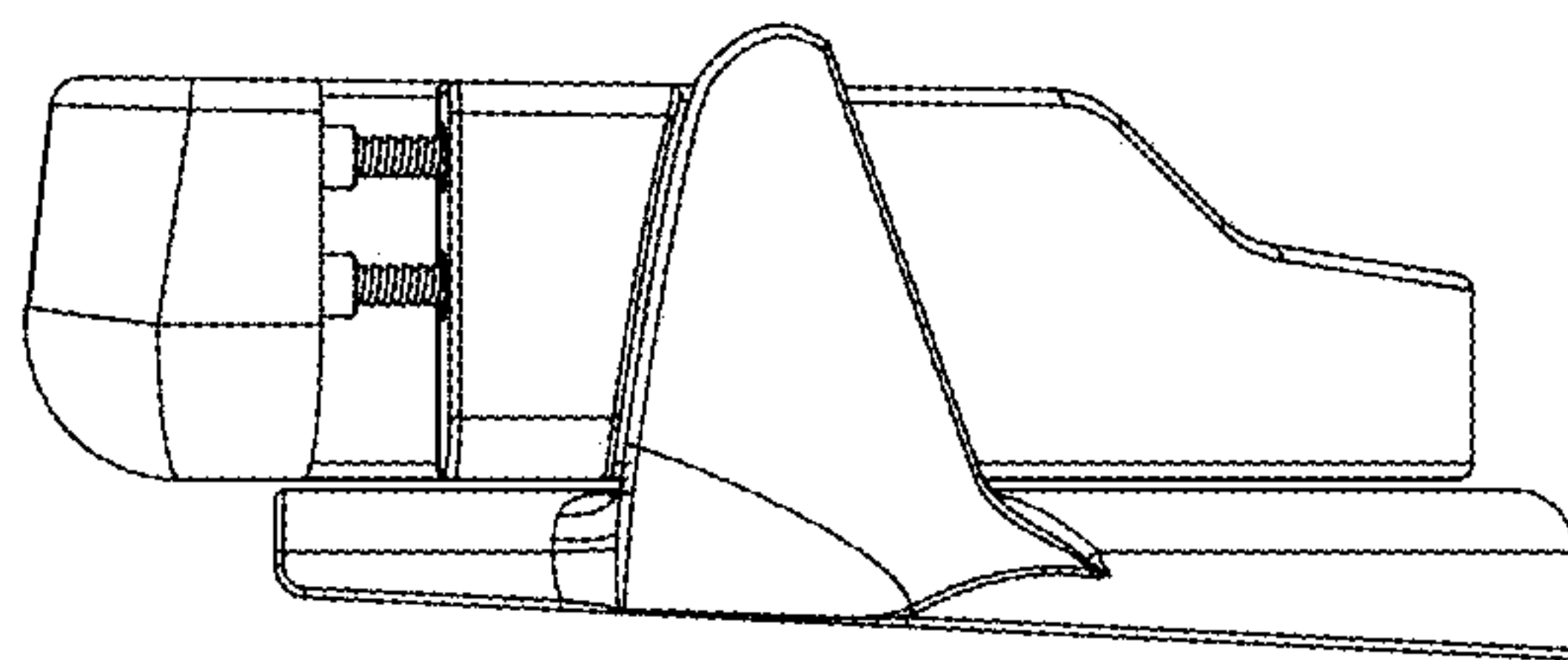


FIG.10

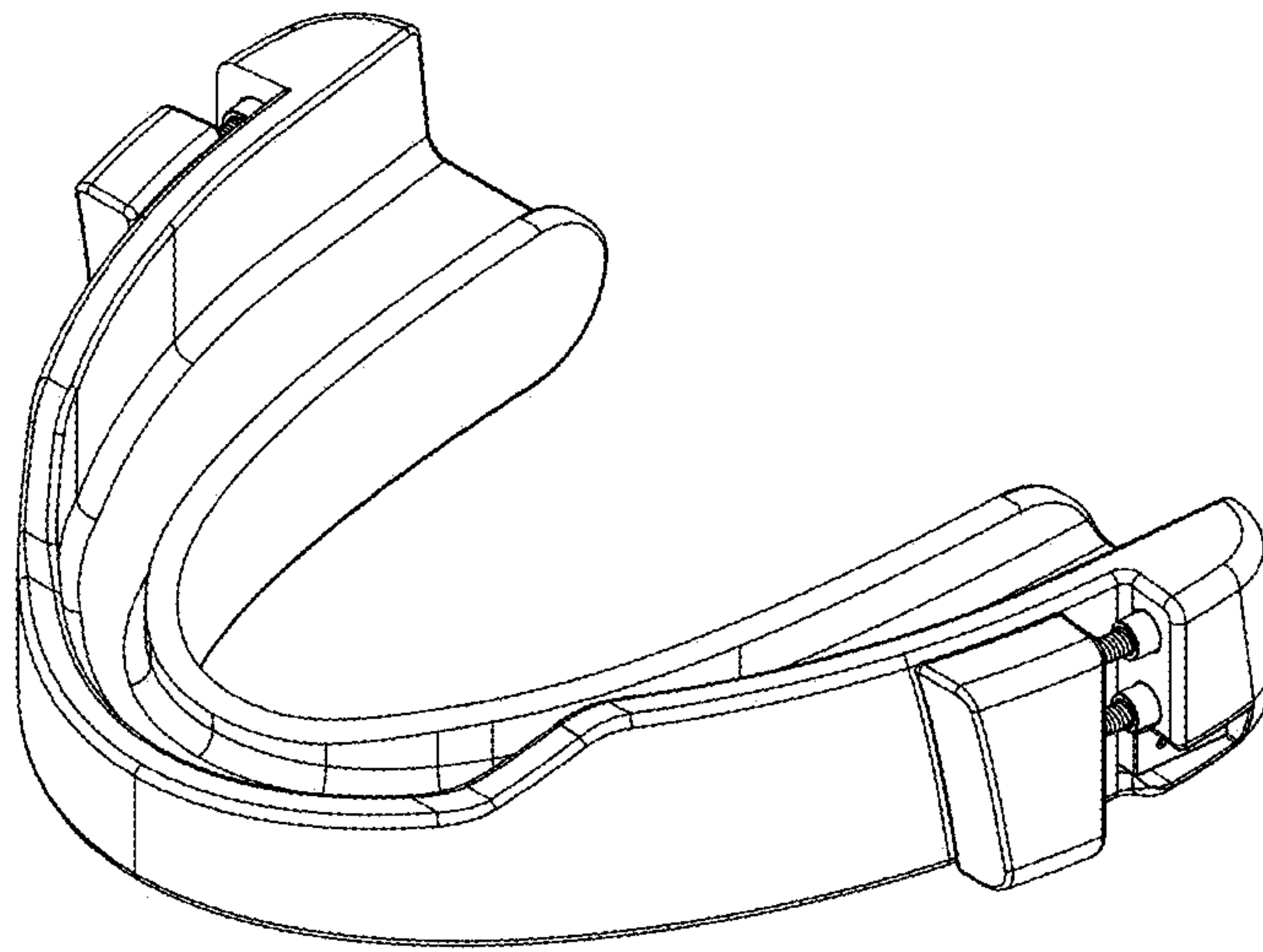


FIG.11

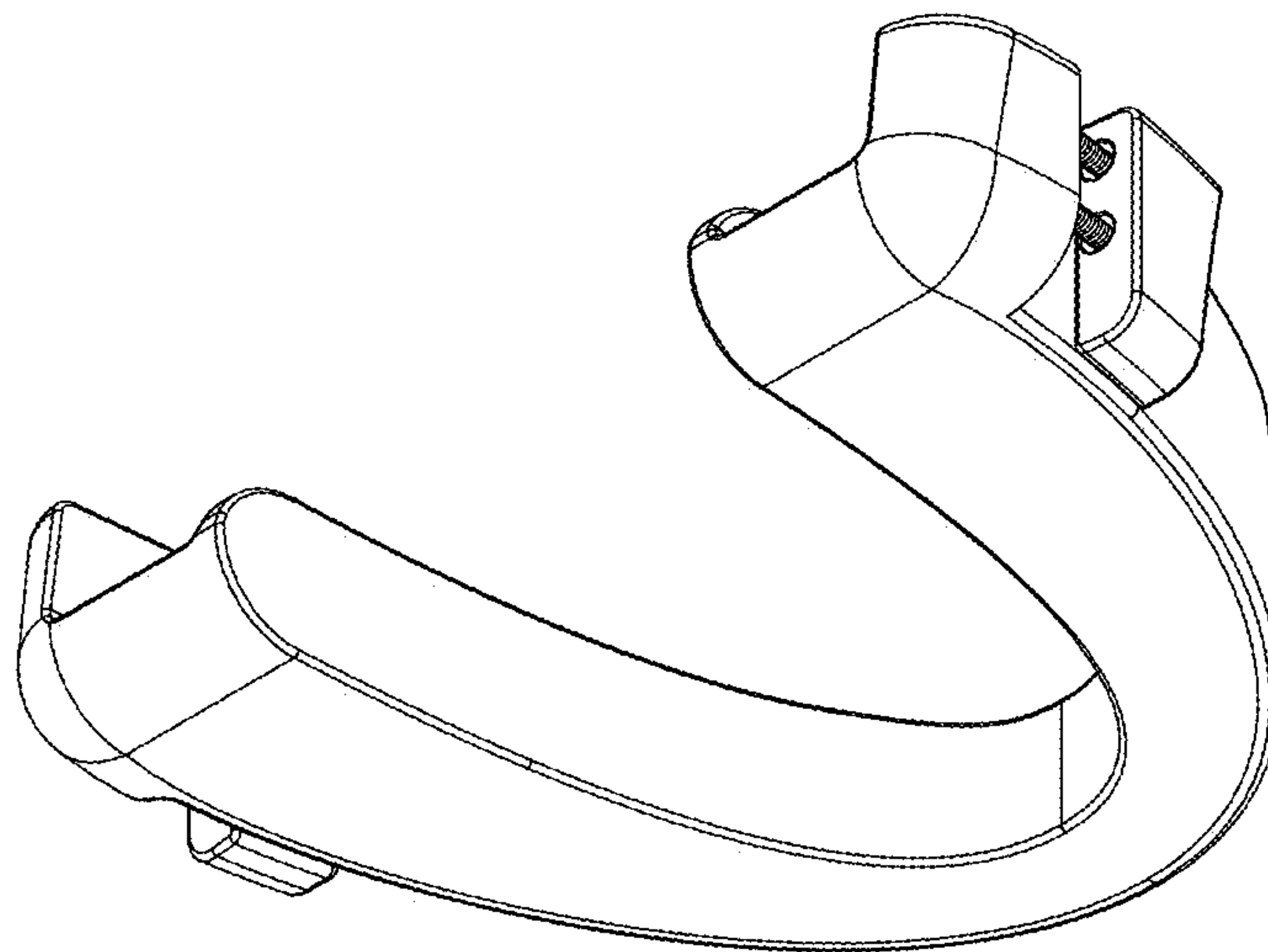


FIG.12

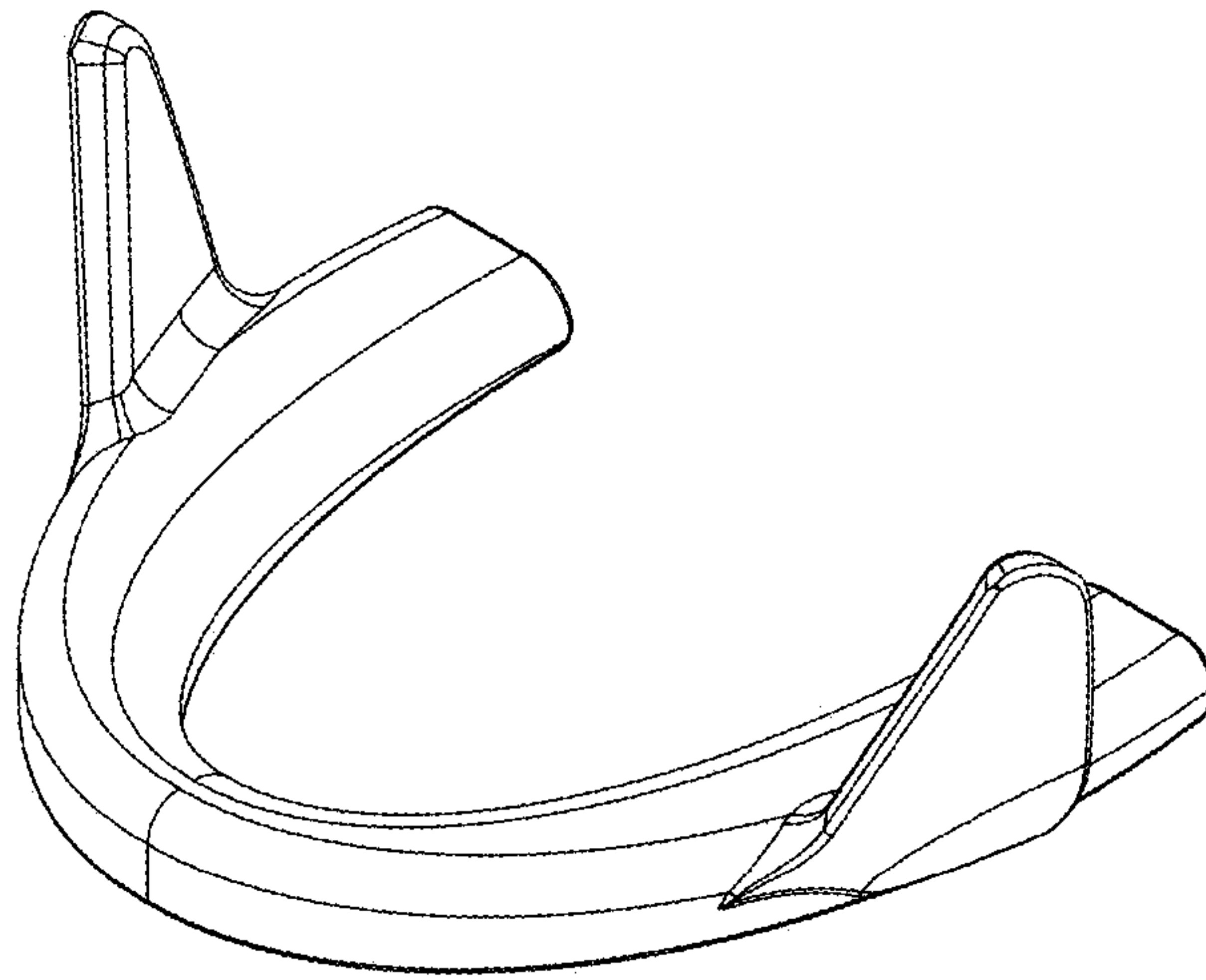


FIG.13

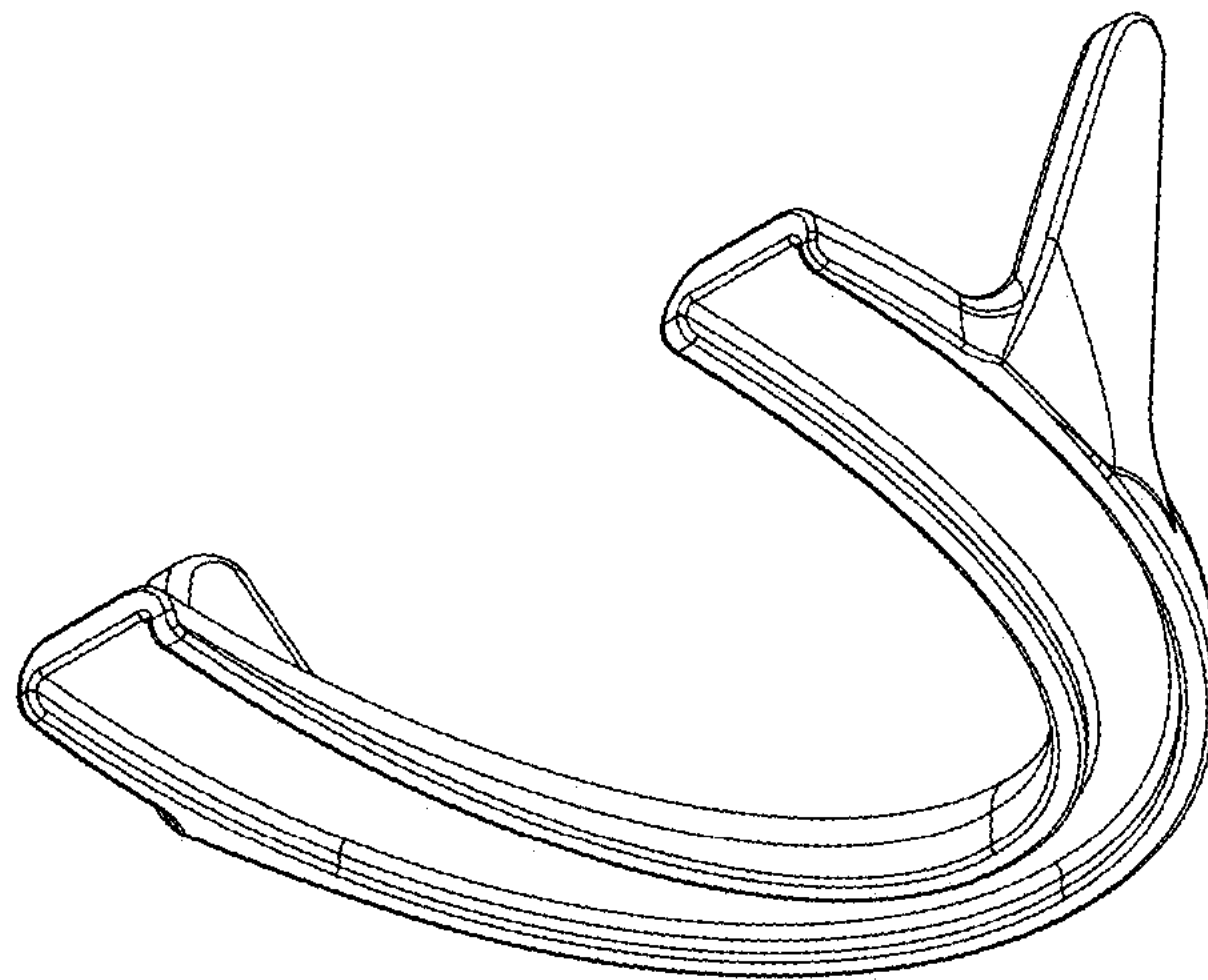


FIG.14