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(12) **United States Design Patent**  
**Yukita et al.**

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(54) **ORAL SLEEP APPLIANCE AND SPACER**

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(73) Assignee: **mitsui chemicals, inc.**, Tokyo (JP)

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

(21) Appl. No.: **29/683,213**

(22) Filed: **Mar. 12, 2019**

**Related U.S. Application Data**

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(51) **LOC (12) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/180**

(58) **Field of Classification Search**

USPC ..... D24/180-182, 152, 156, 176, 127  
CPC .. A61F 5/56; A61F 5/58; A61F 5/0006; A61F 5/566; A61F 2005/563; A61C 7/08; A61C 7/36; A61C 8/005; A61C 19/063

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for an oral sleep appliance and spacer, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of an oral sleep appliance and spacer showing our new design;

FIG. 2 is a rear view of an oral sleep appliance and spacer thereof;

FIG. 3 is a left side view of an oral sleep appliance and spacer thereof;

FIG. 4 is a right side view of an oral sleep appliance and spacer thereof;

FIG. 5 is a top view of an oral sleep appliance and spacer thereof;

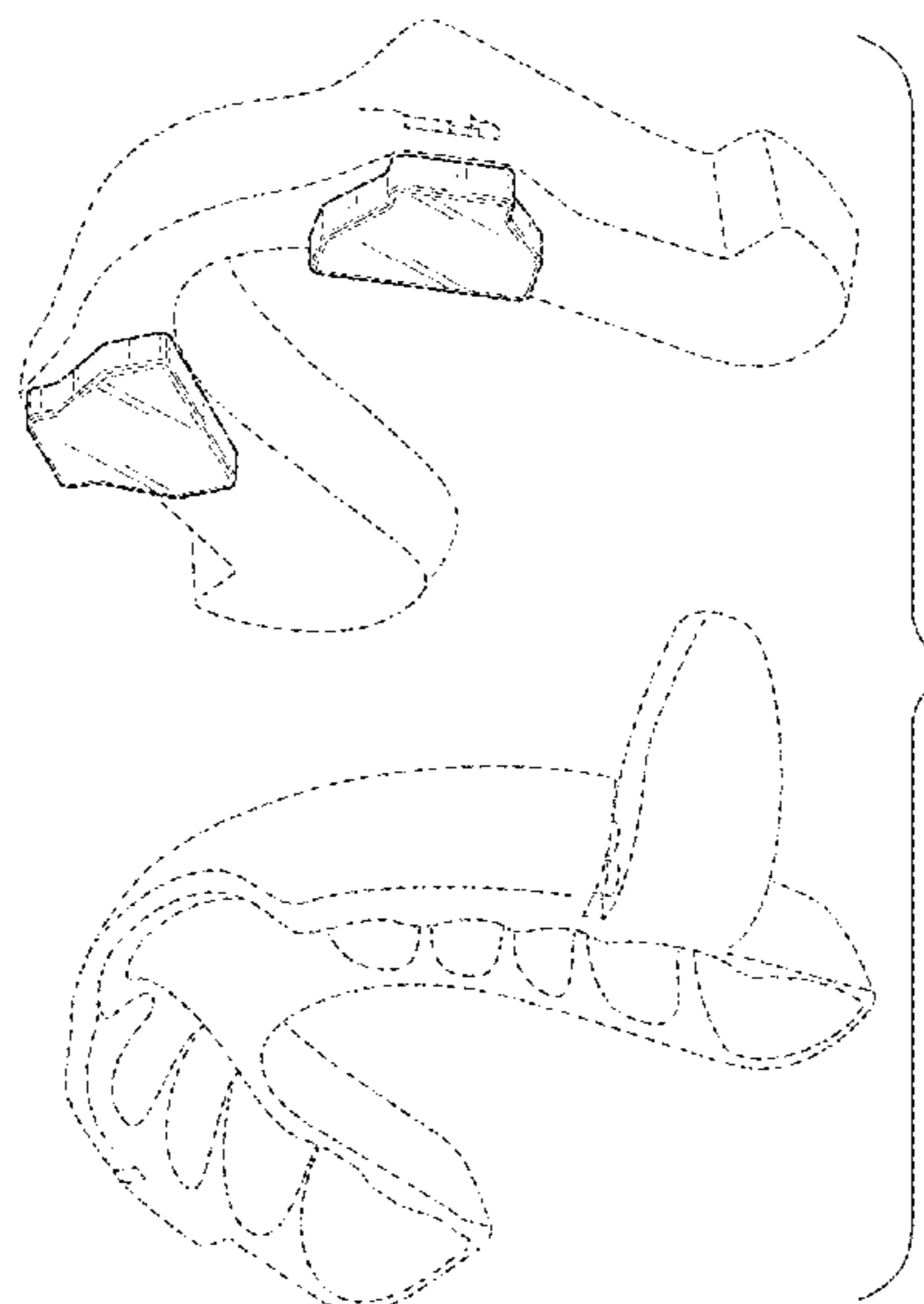
FIG. 6 is a bottom view of an oral sleep appliance and spacer thereof;

FIG. 7 is a bottom view of upper component of an oral sleep appliance and spacer thereof; and,

FIG. 8 is an exploded bottom front perspective view of an oral sleep appliance and spacer thereof.

The dashed broken lines in the figures show portions of the oral sleep appliance and spacer that form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



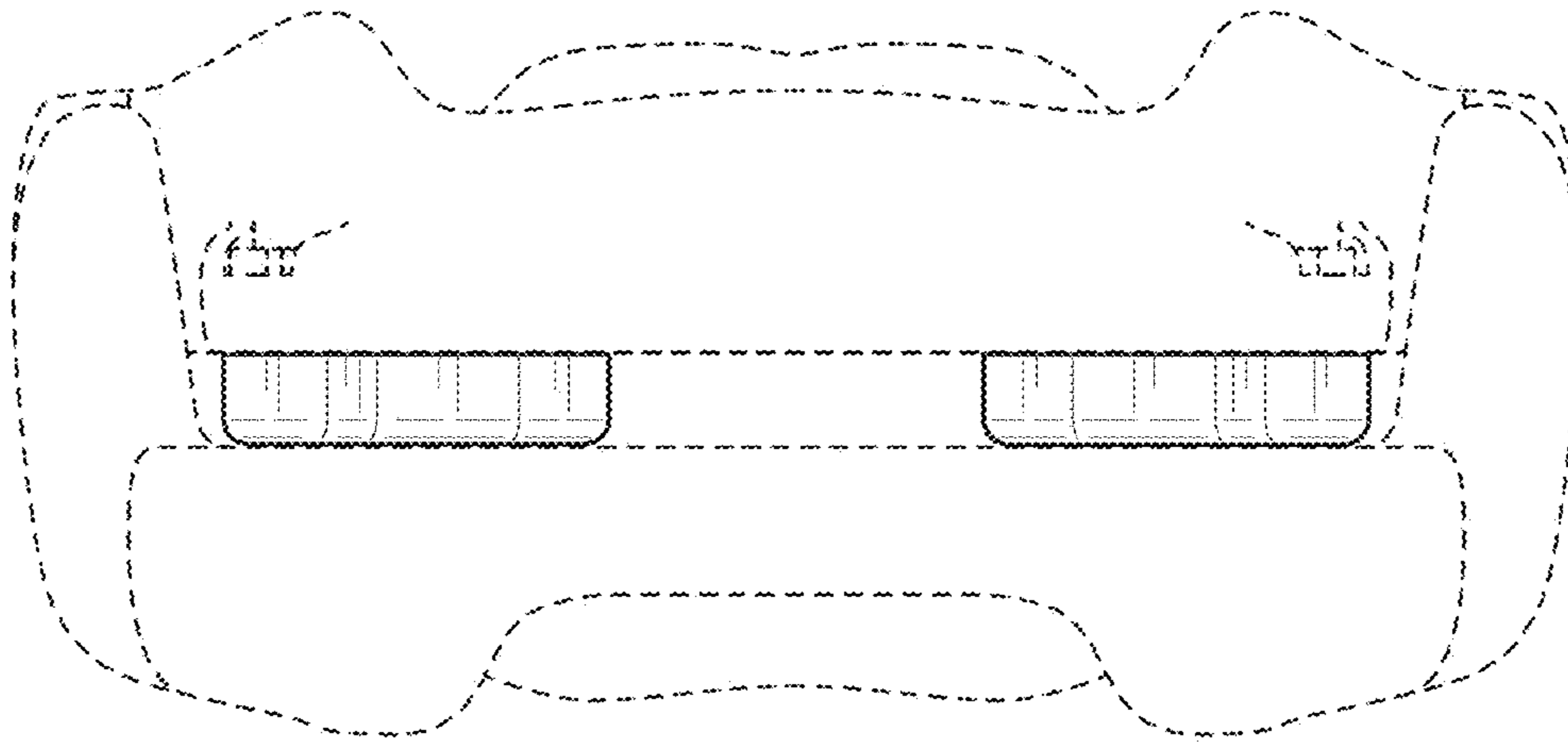


FIG. 1

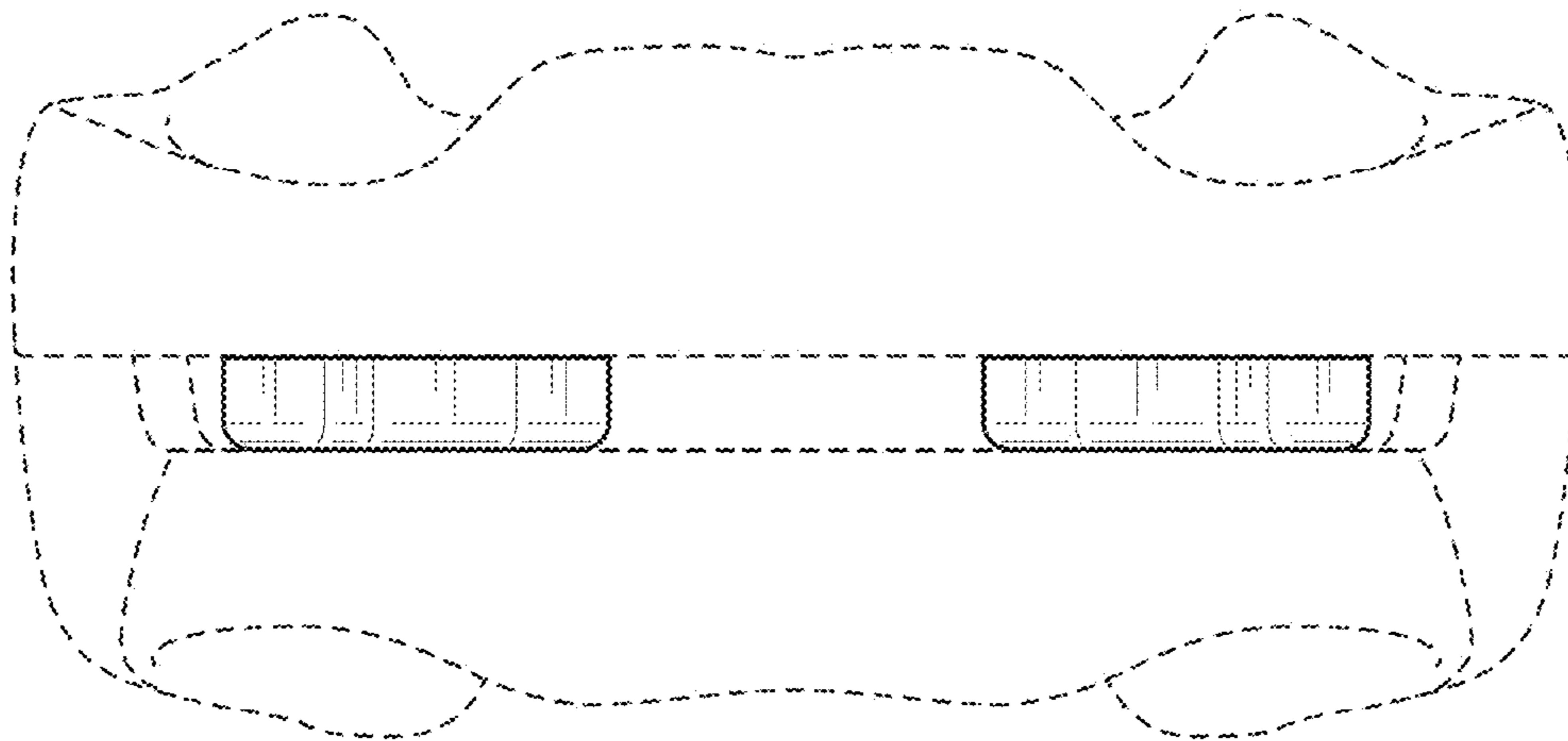
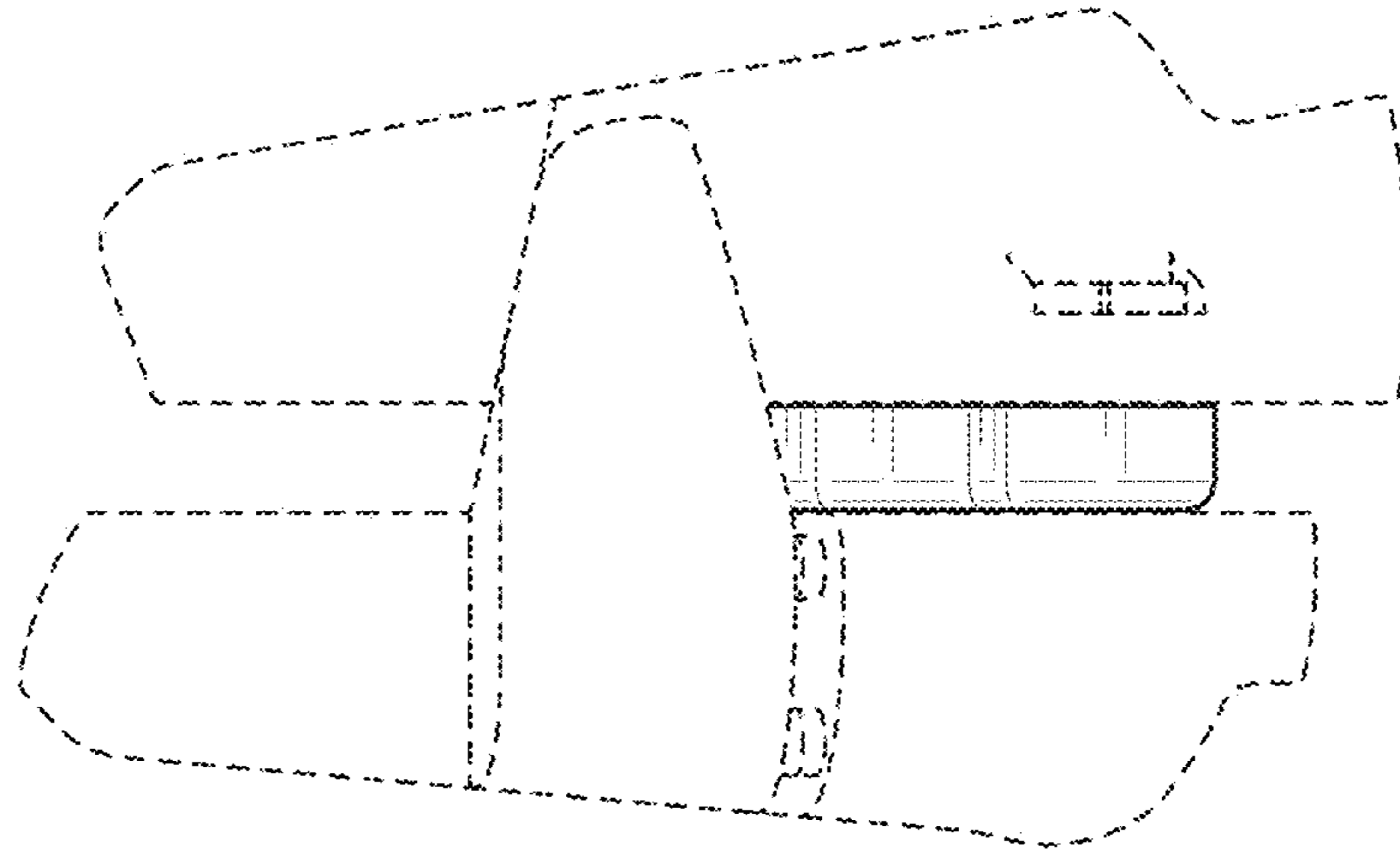
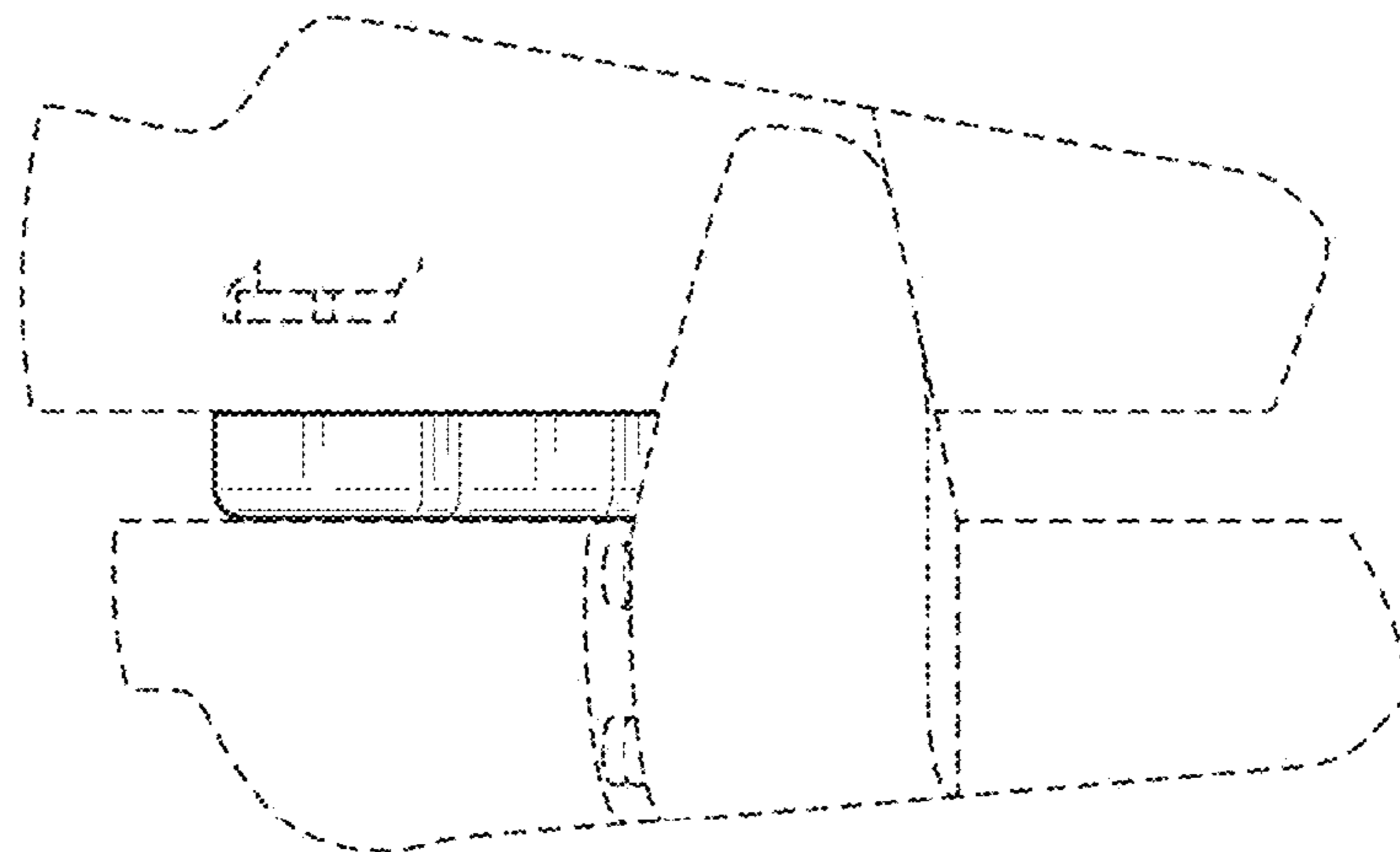


FIG. 2



*FIG. 3*



*FIG. 4*

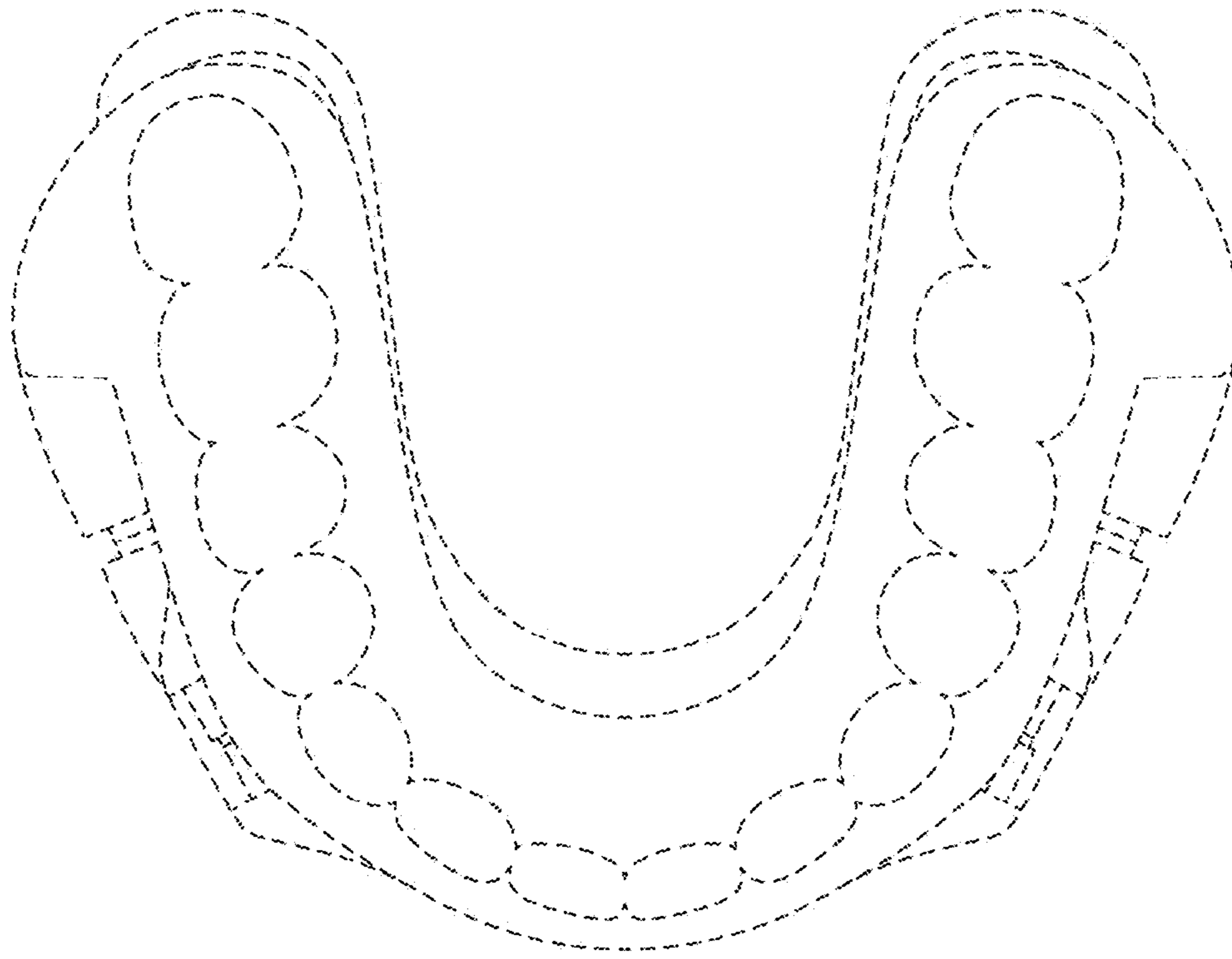


FIG. 5

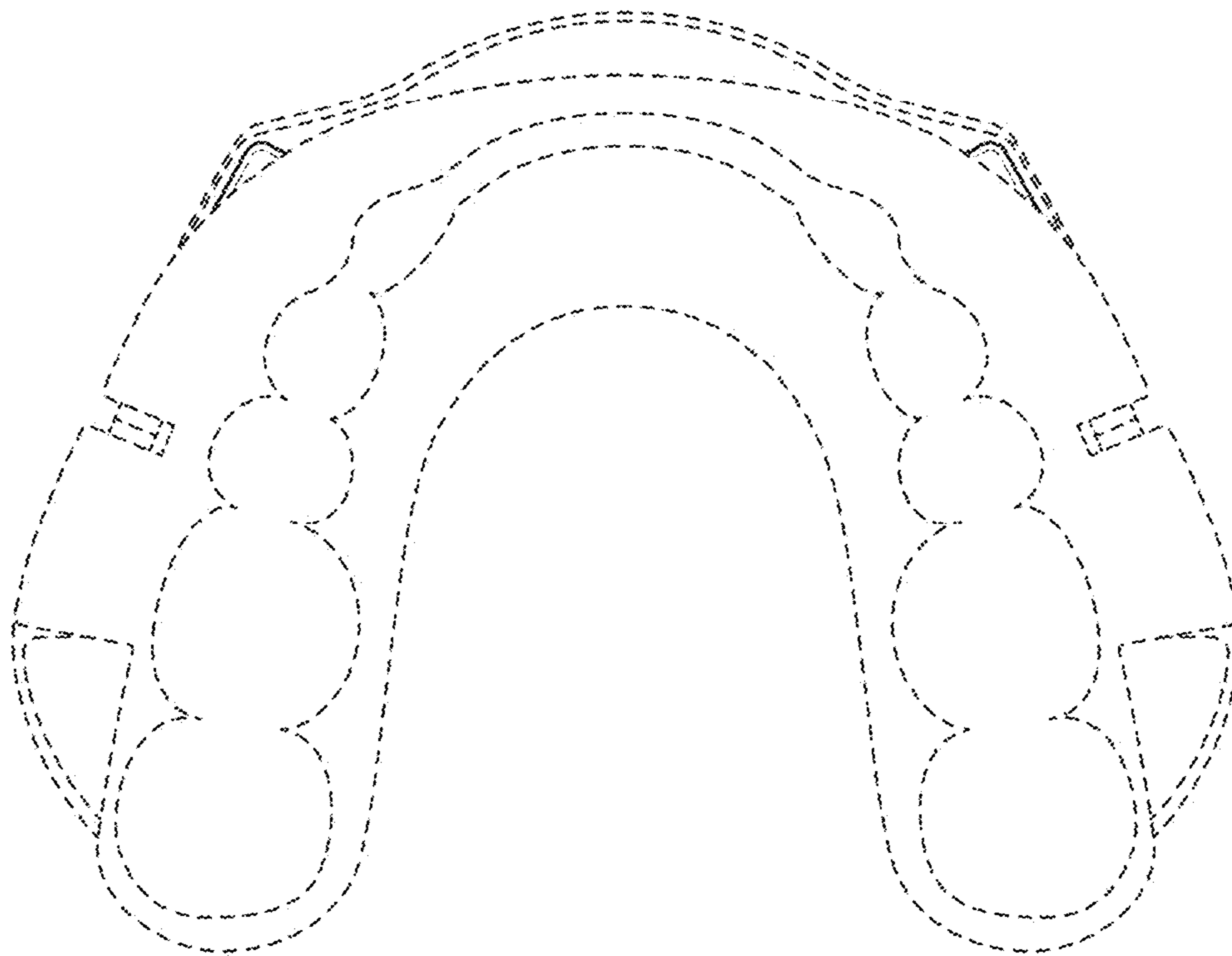
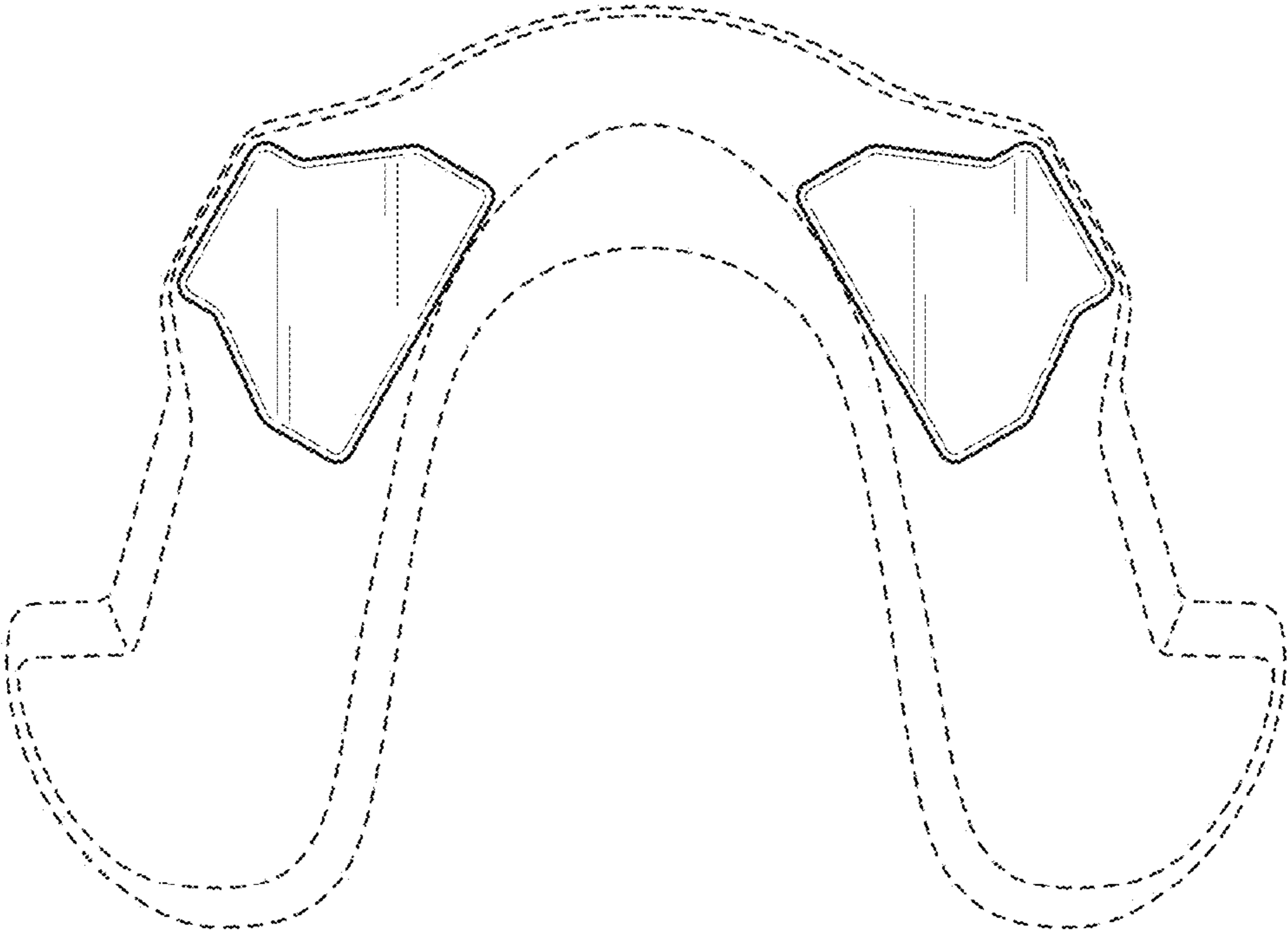


FIG. 6



*FIG. 7*

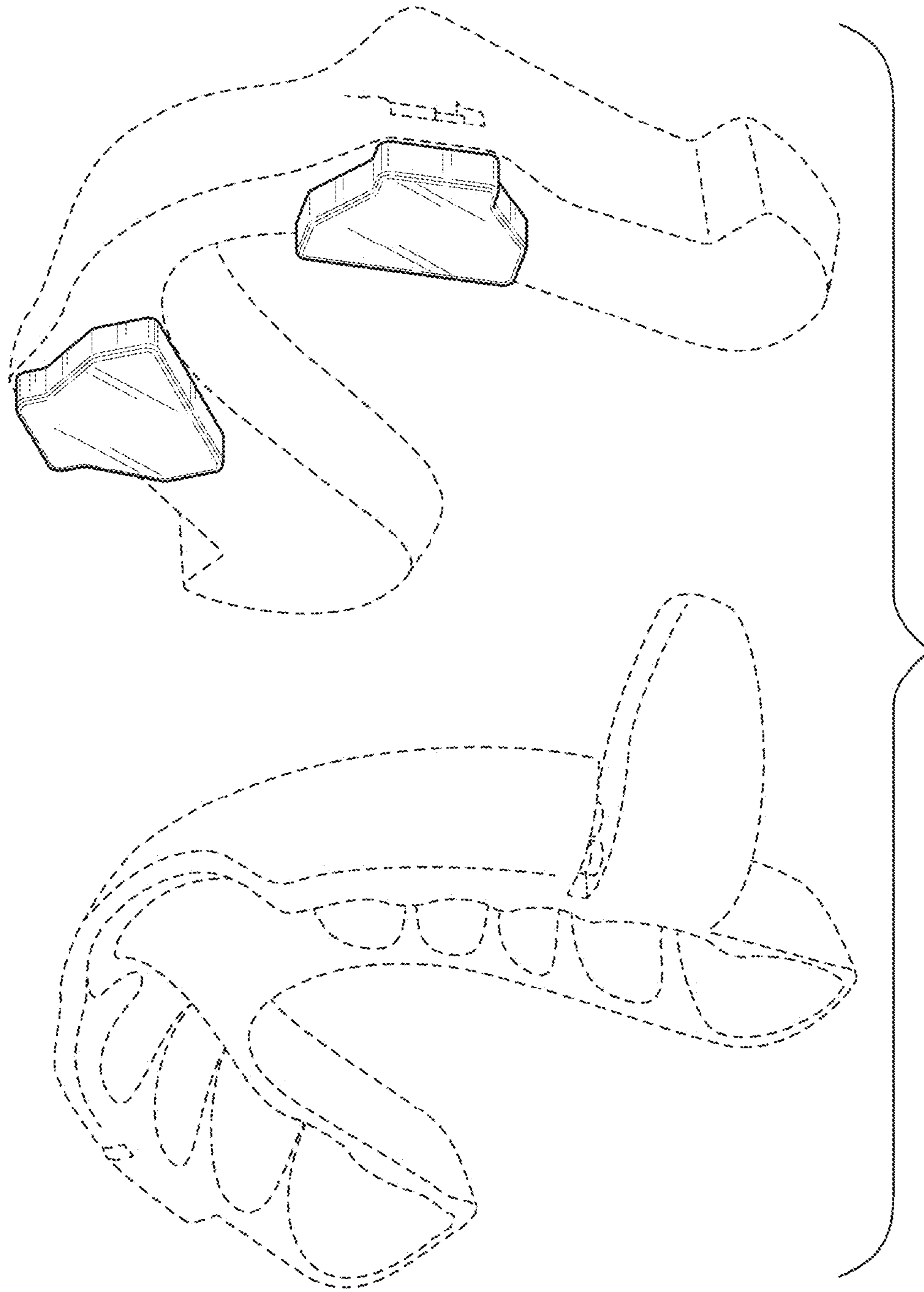


FIG. 8