



US00D830003S

(12) **United States Design Patent** (10) **Patent No.:** **US D830,003 S**
Wu (45) **Date of Patent:** **** Oct. 2, 2018**

(54) **FLIP-UP AUTO DARKENING WELDING
HELMET**

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(CN)**

(72) Inventor: **Ziqian Wu, Nanjing (CN)**

(73) Assignee: **Tecmen Electronics Co., Ltd., Nanjing
(CN)**

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

(21) Appl. No.: **29/596,797**

(22) Filed: **Mar. 10, 2017**

(30) **Foreign Application Priority Data**

Oct. 17, 2016 (CN) 2016 3 0505620

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

(52) **U.S. Cl.**
USPC **D29/110**

(58) **Field of Classification Search**
USPC D29/110, 102, 106–107, 122; D24/110.1,
D24/110.2, 110.3
CPC .. A61F 9/06; A61F 9/061; A61F 9/064; A61F
9/065; A61F 9/067; A61F 9/068
See application file for complete search history.

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Primary Examiner — Robert A Delehanty

(57) **CLAIM**

The ornamental design for a flip-up auto darkening welding helmet, as shown and described.

DESCRIPTION

FIG. 1 is a top, front, right side perspective view of a flip-up auto darkening welding helmet in a first state showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a right elevational side view thereof;

FIG. 7 is a left elevational side view thereof;

FIG. 8 is a top, front, right side perspective view of the flip-up auto darkening welding helmet in a second state;

FIG. 9 is a front elevational view thereof;

FIG. 10 is a rear elevational view thereof;

FIG. 11 is a top plan view thereof;

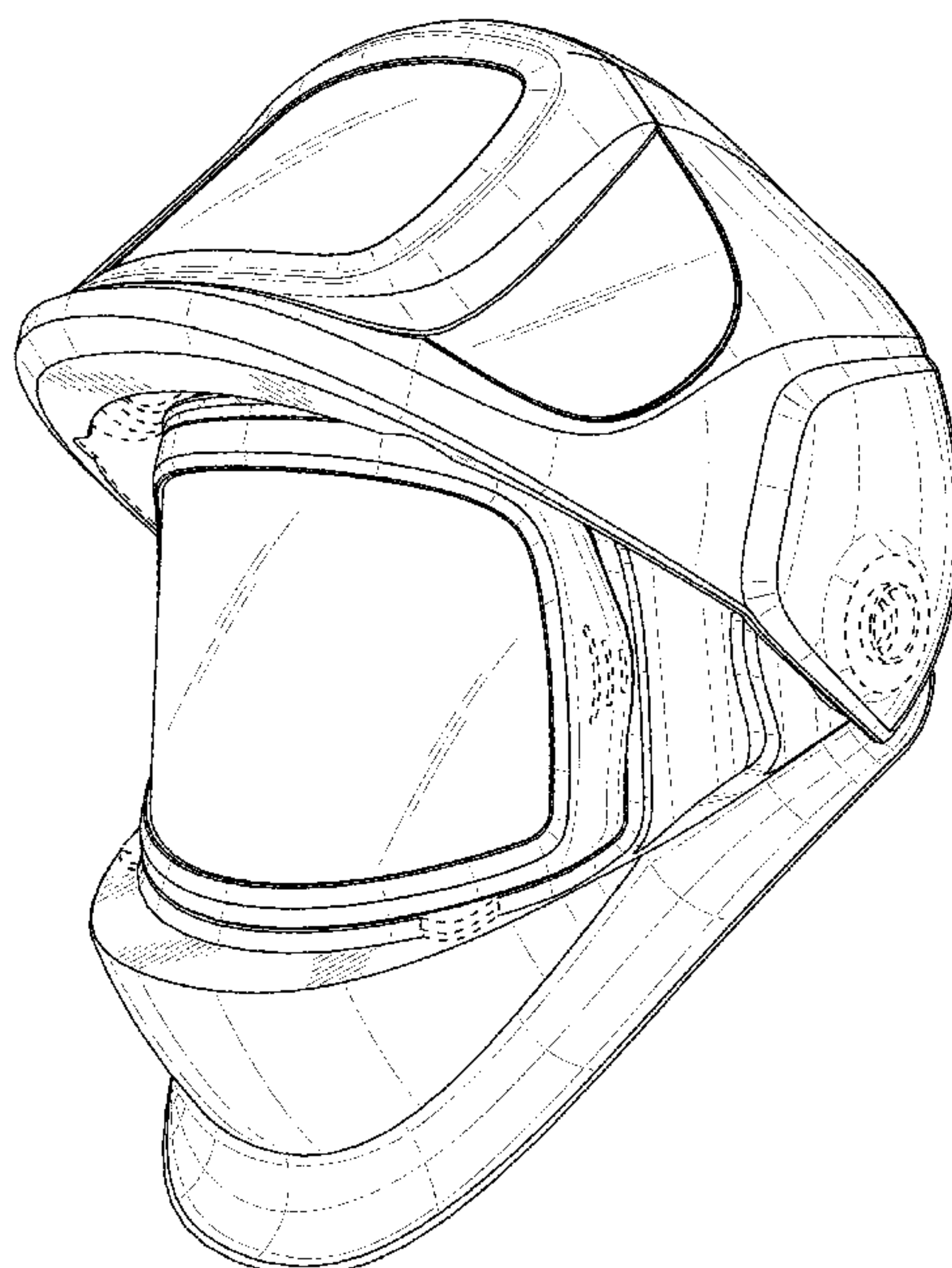
FIG. 12 is a bottom plan view thereof;

FIG. 13 is a right elevational side view thereof; and,

FIG. 14 is a left elevational side view thereof.

The broken lines shown in the drawings represent portions of the flip-up auto darkening welding helmet that form no part of the claimed design.

1 Claim, 14 Drawing Sheets



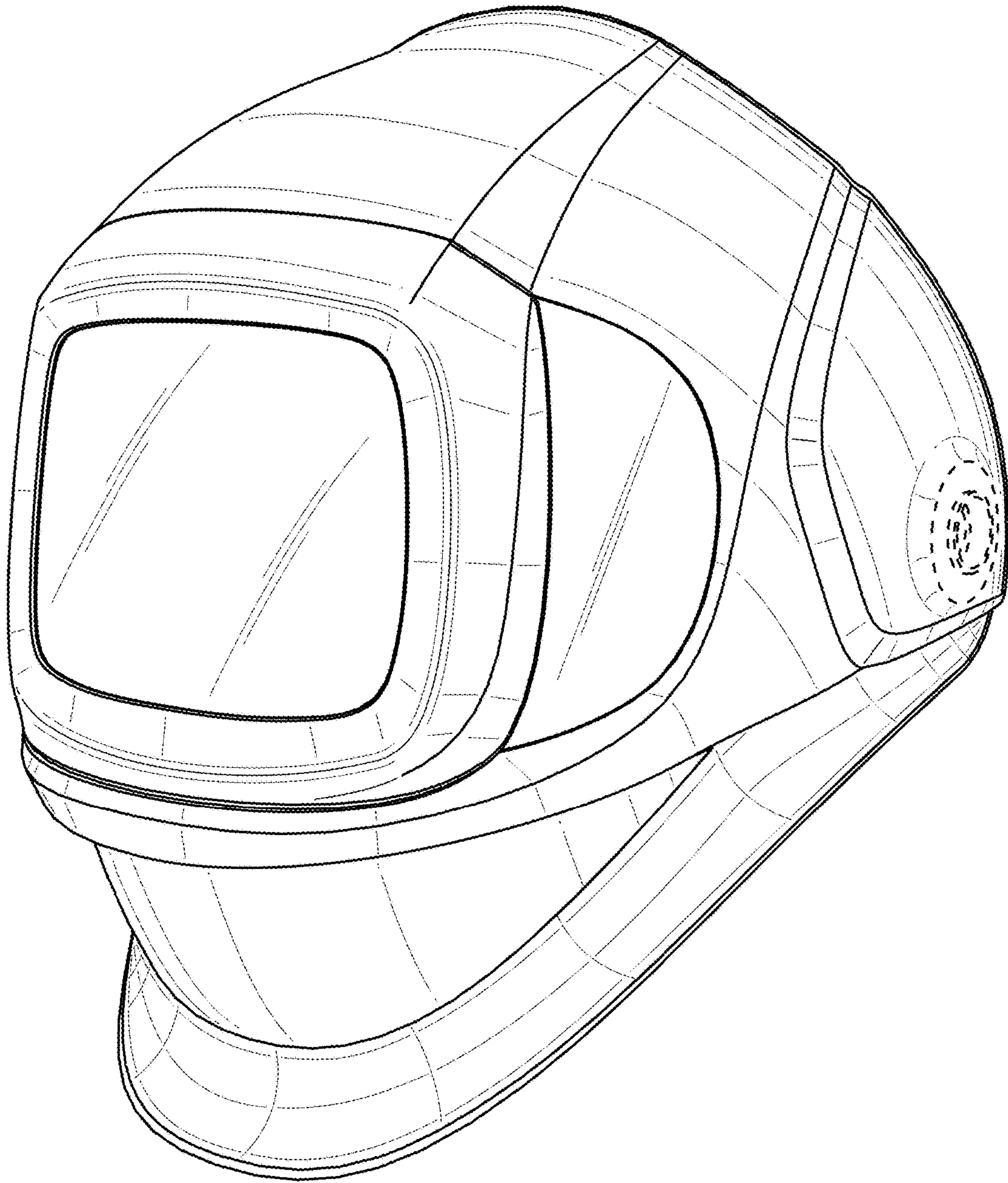


FIG. 1

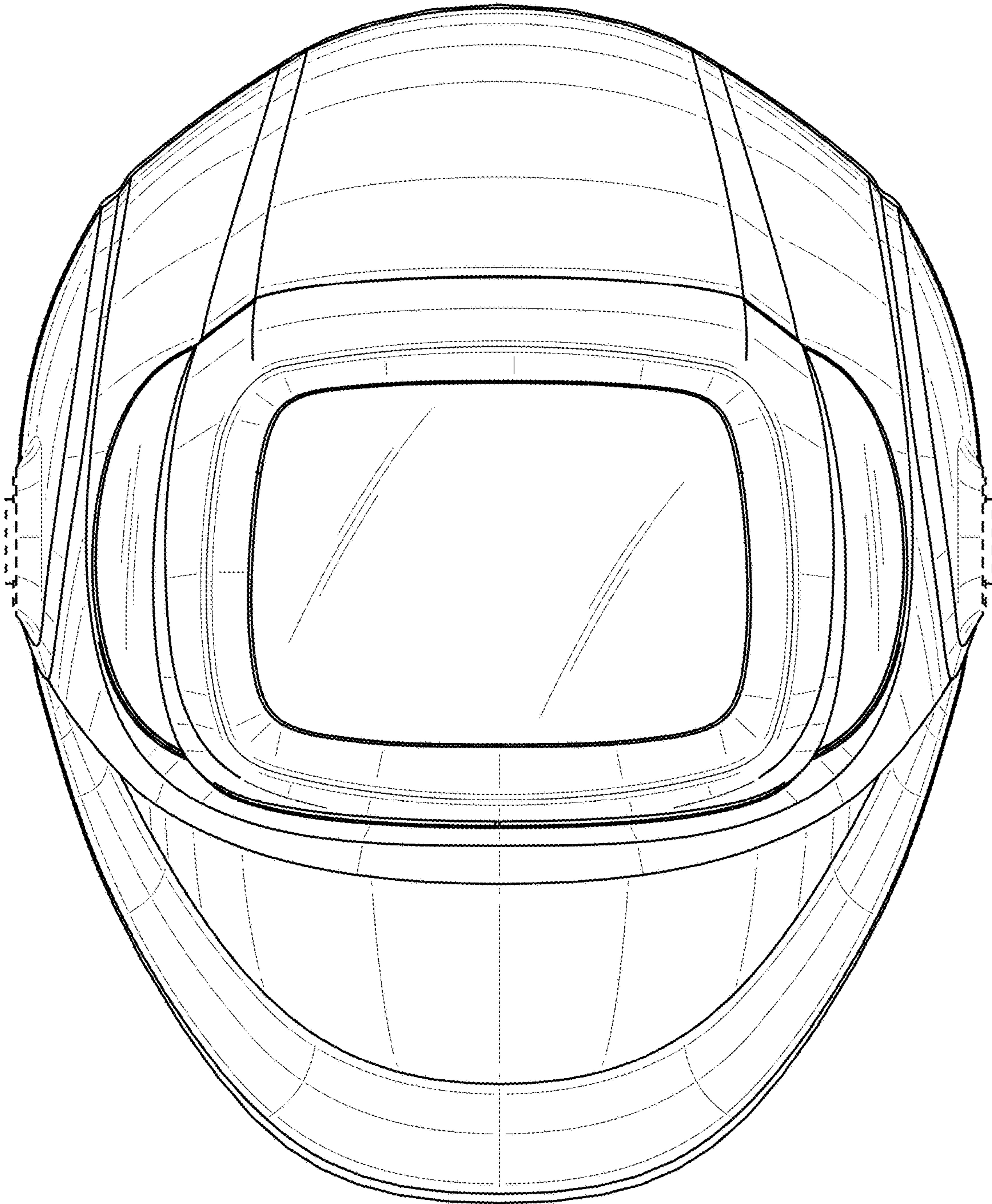


FIG. 2

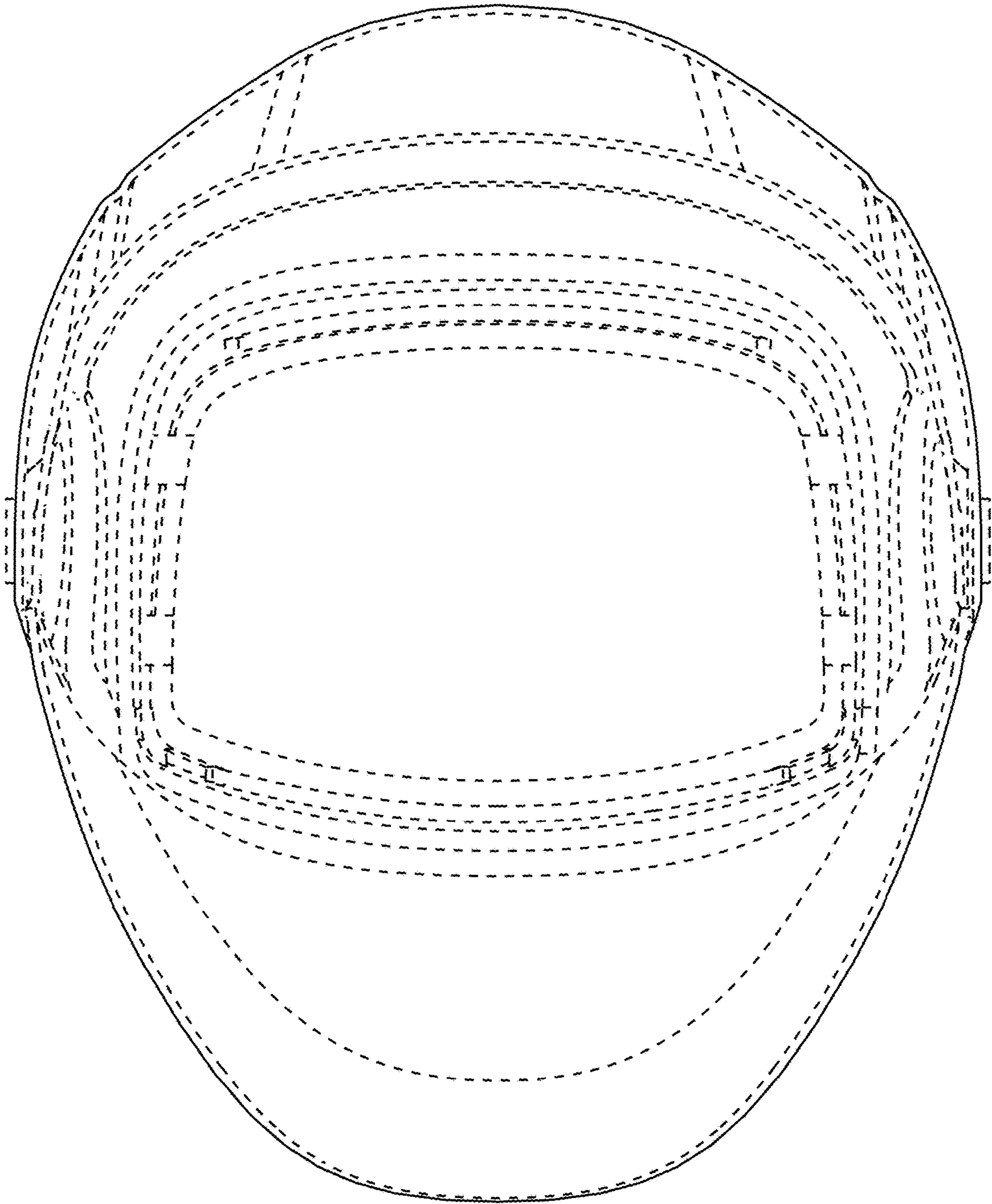


FIG. 3

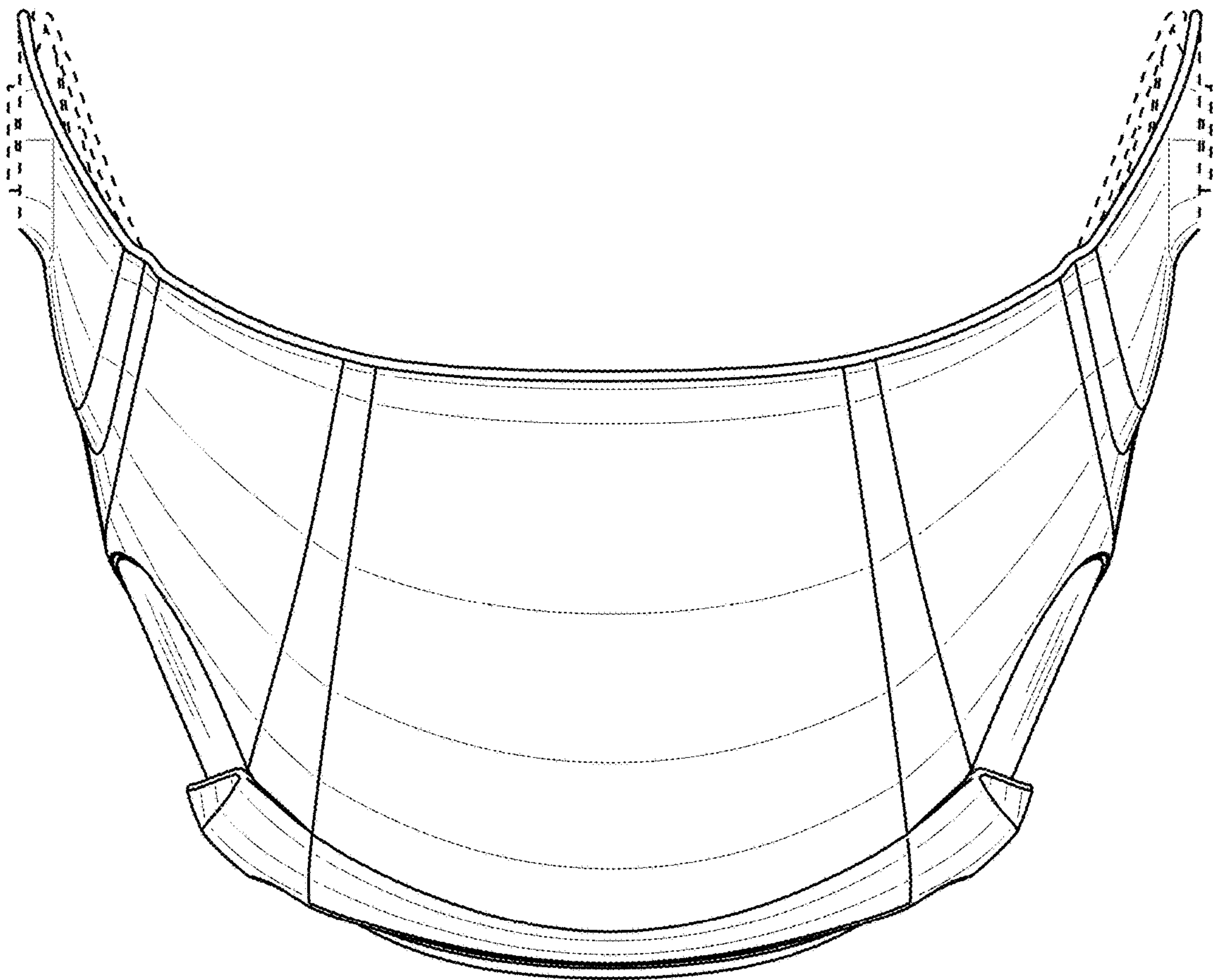


FIG. 4

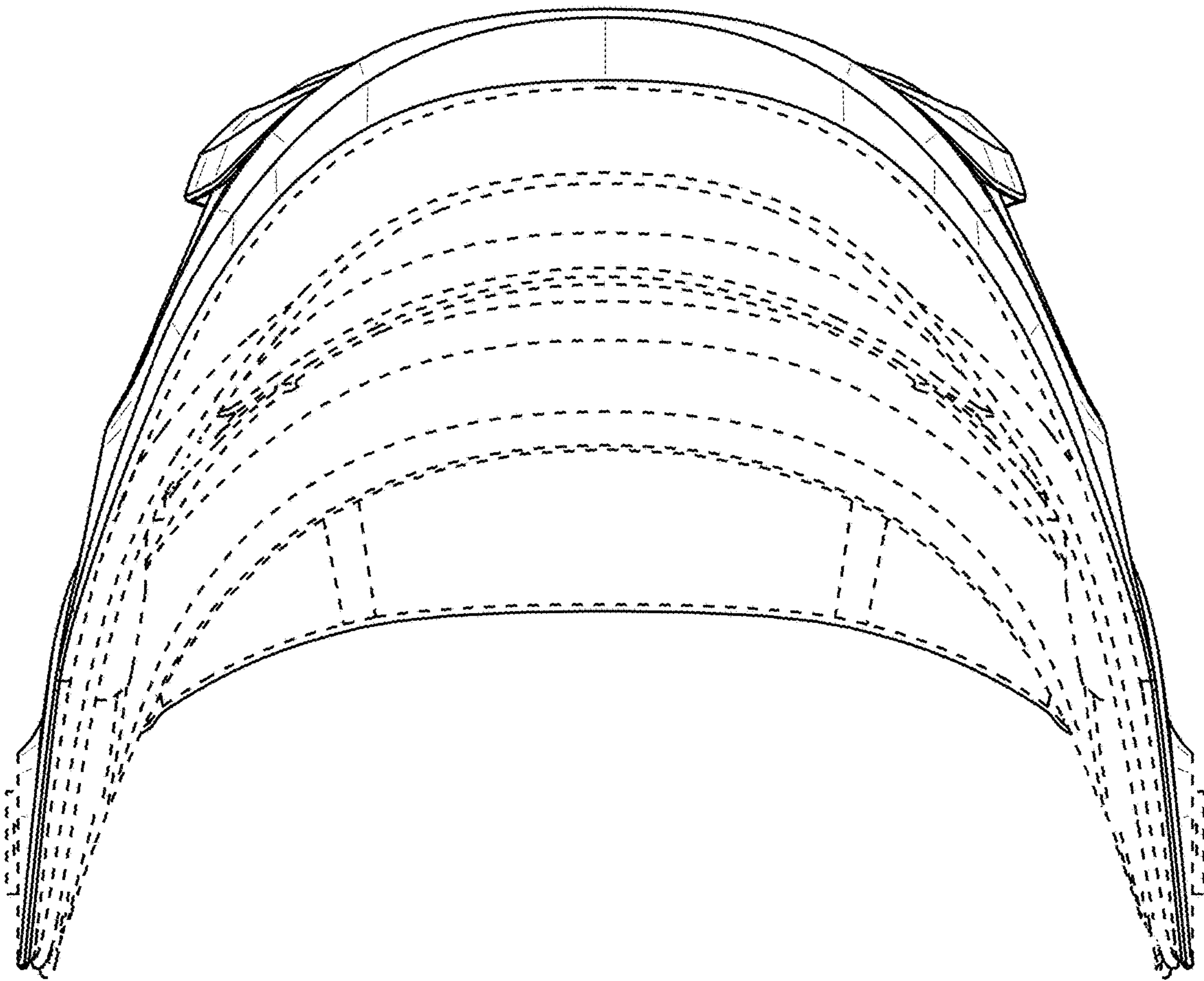


FIG. 5

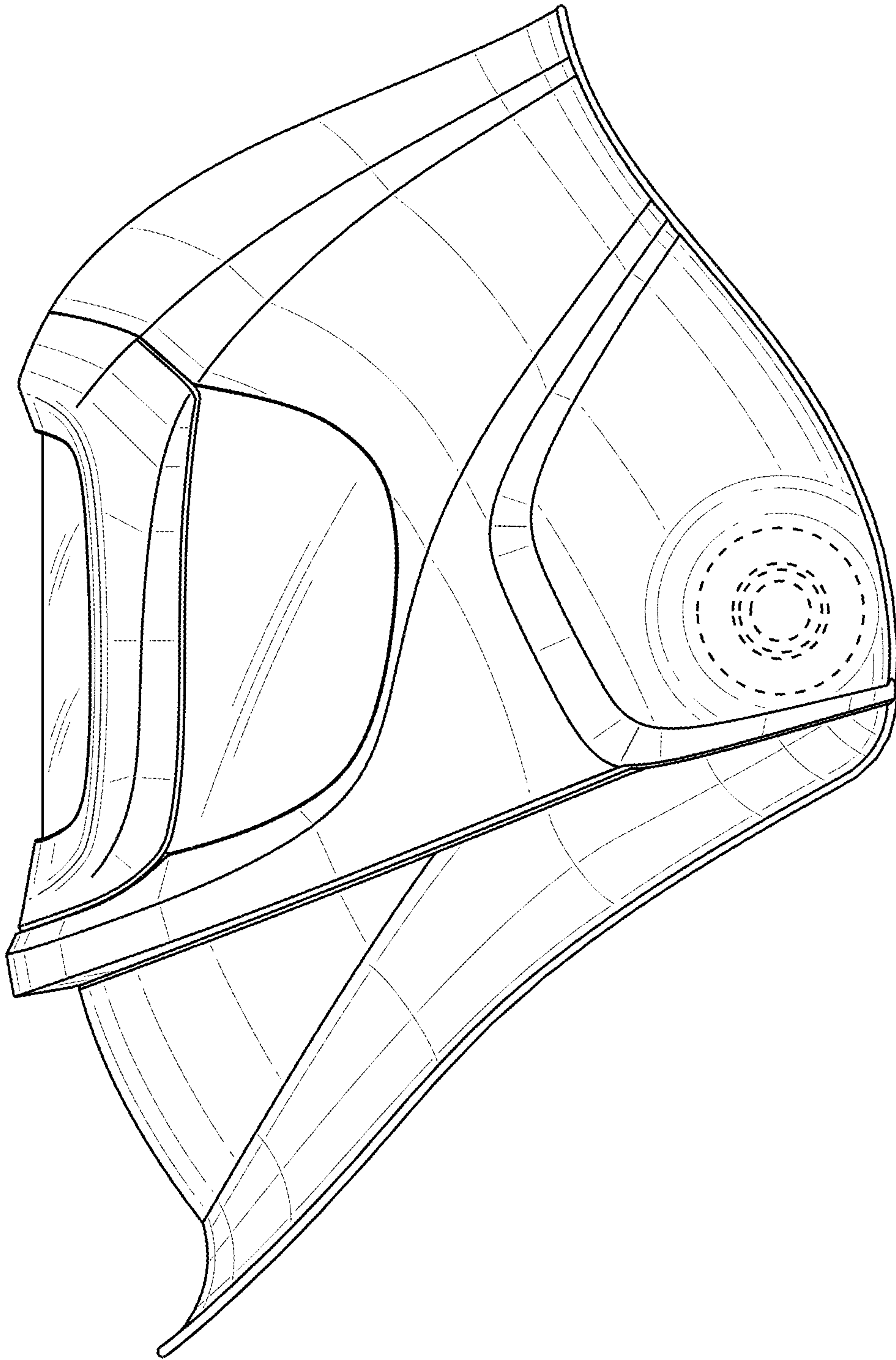


FIG. 6

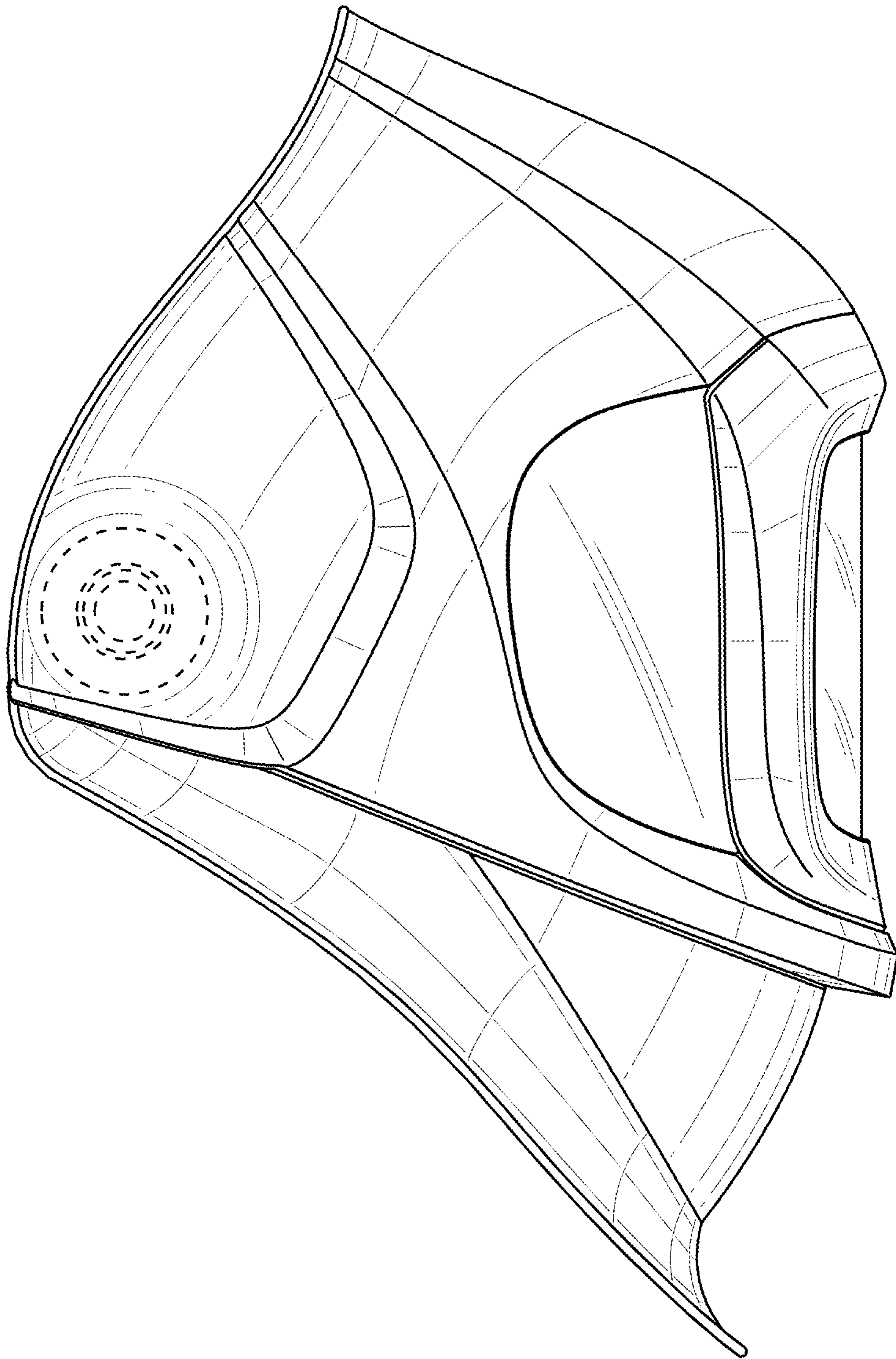


FIG. 7



FIG. 8

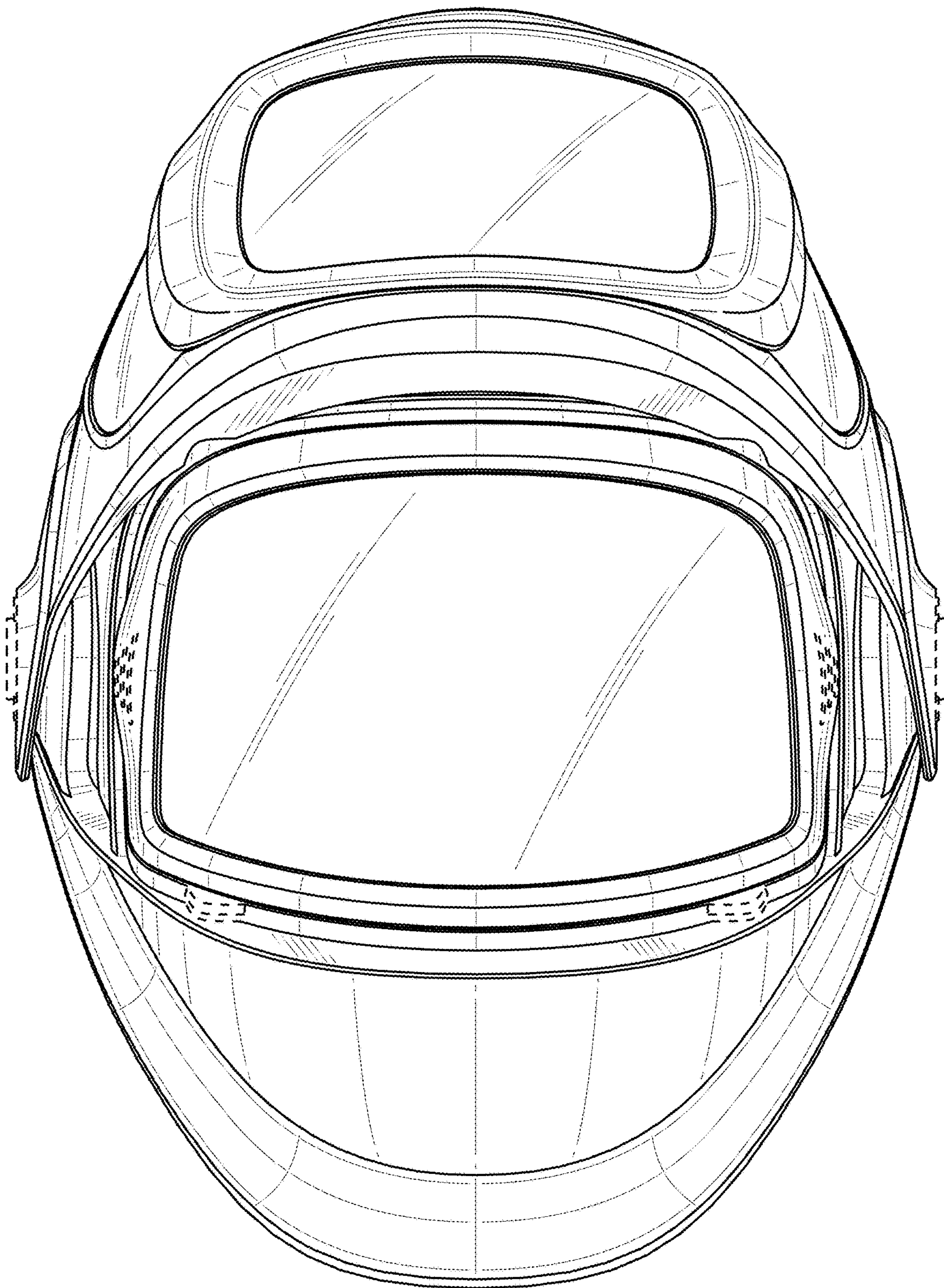


FIG. 9

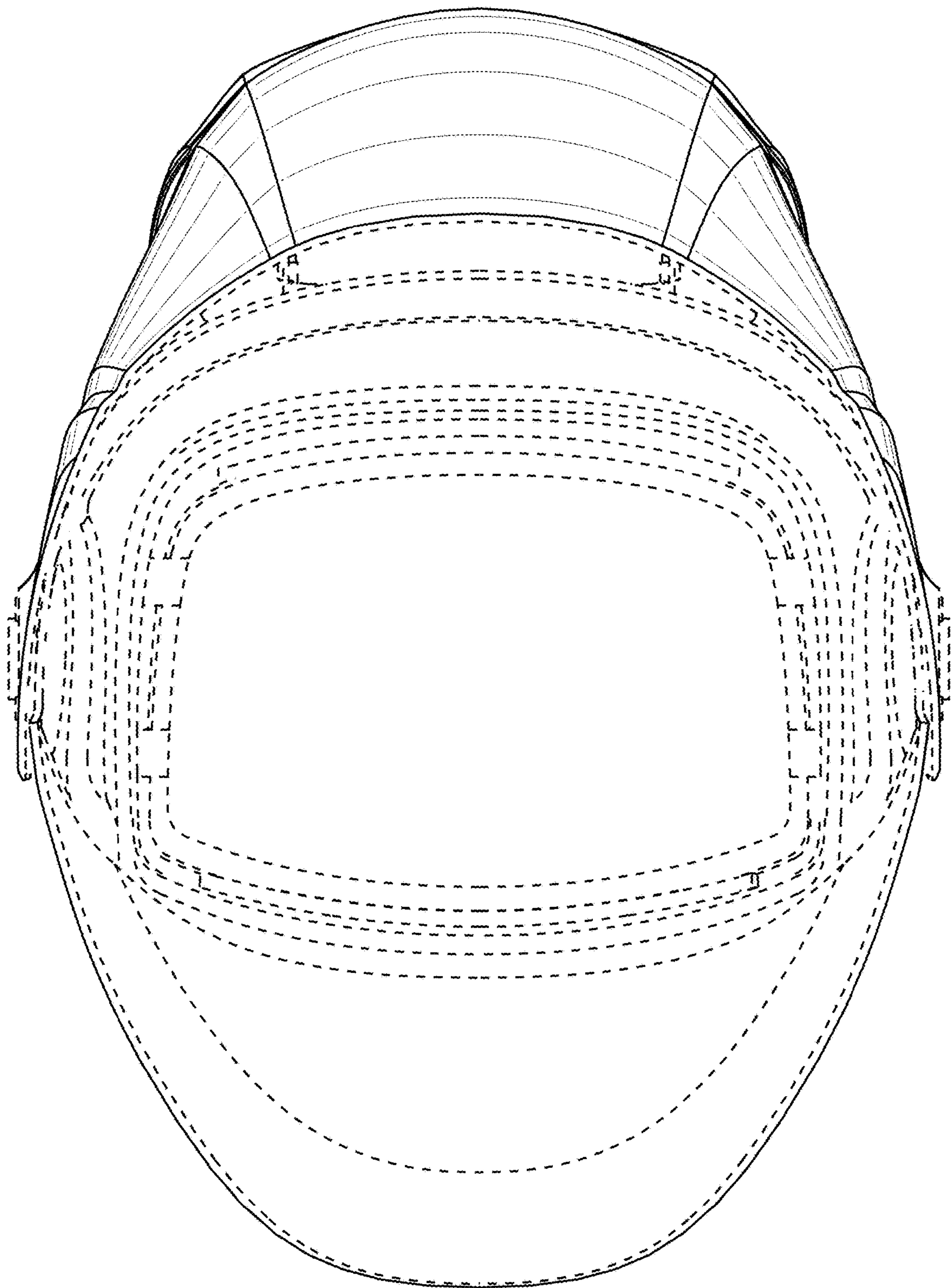


FIG. 10

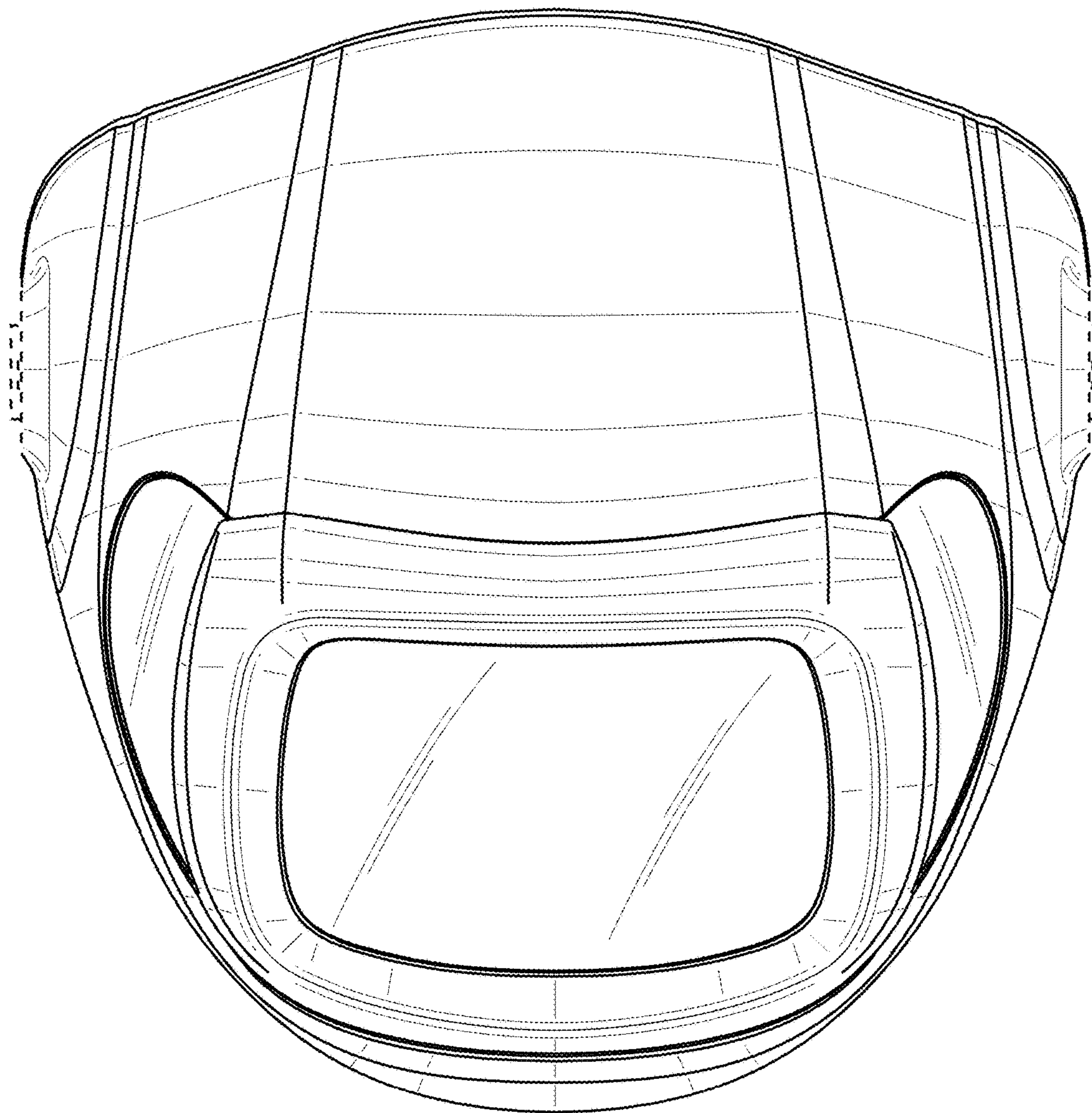


FIG. 11

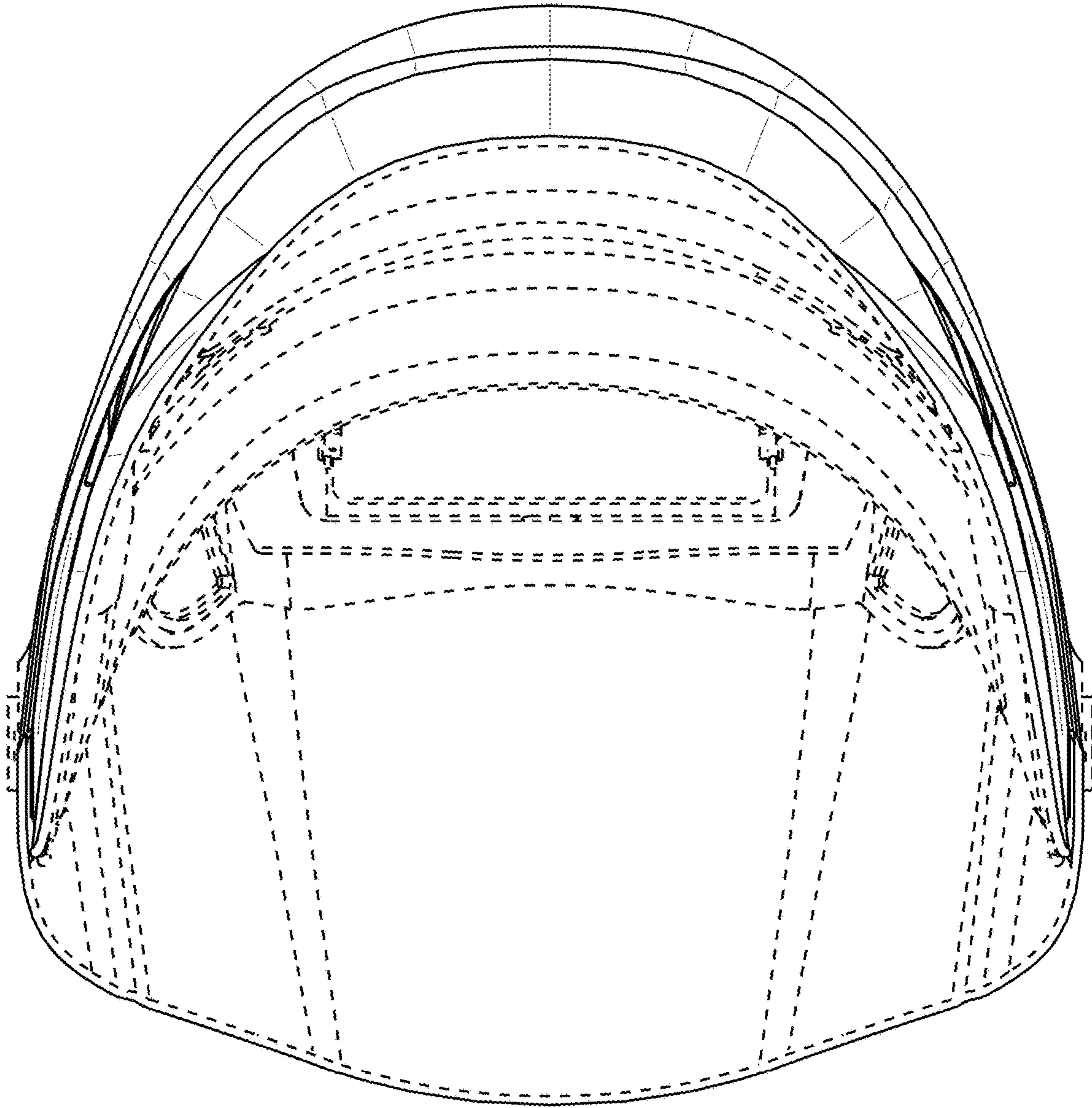


FIG. 12

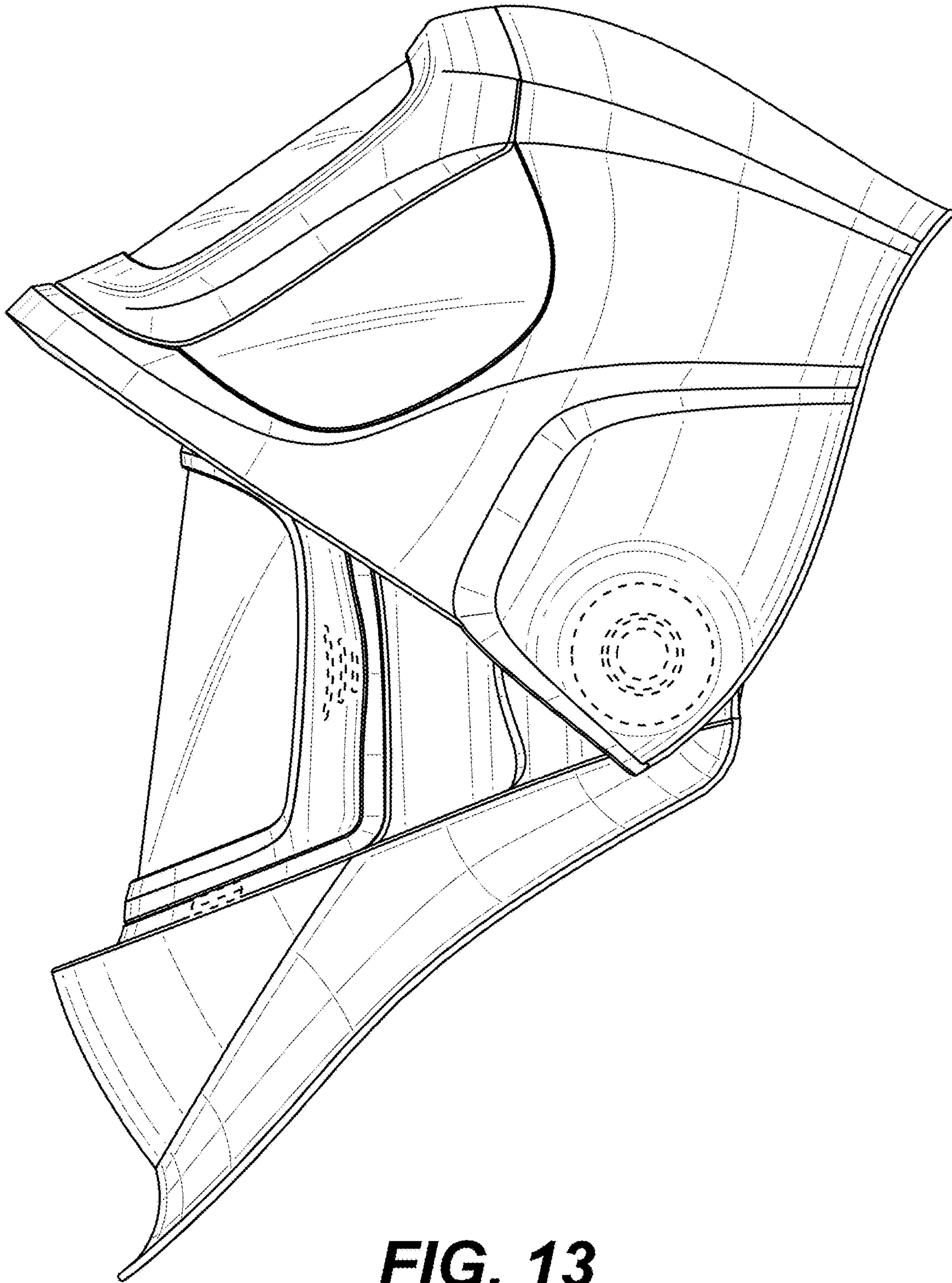


FIG. 13

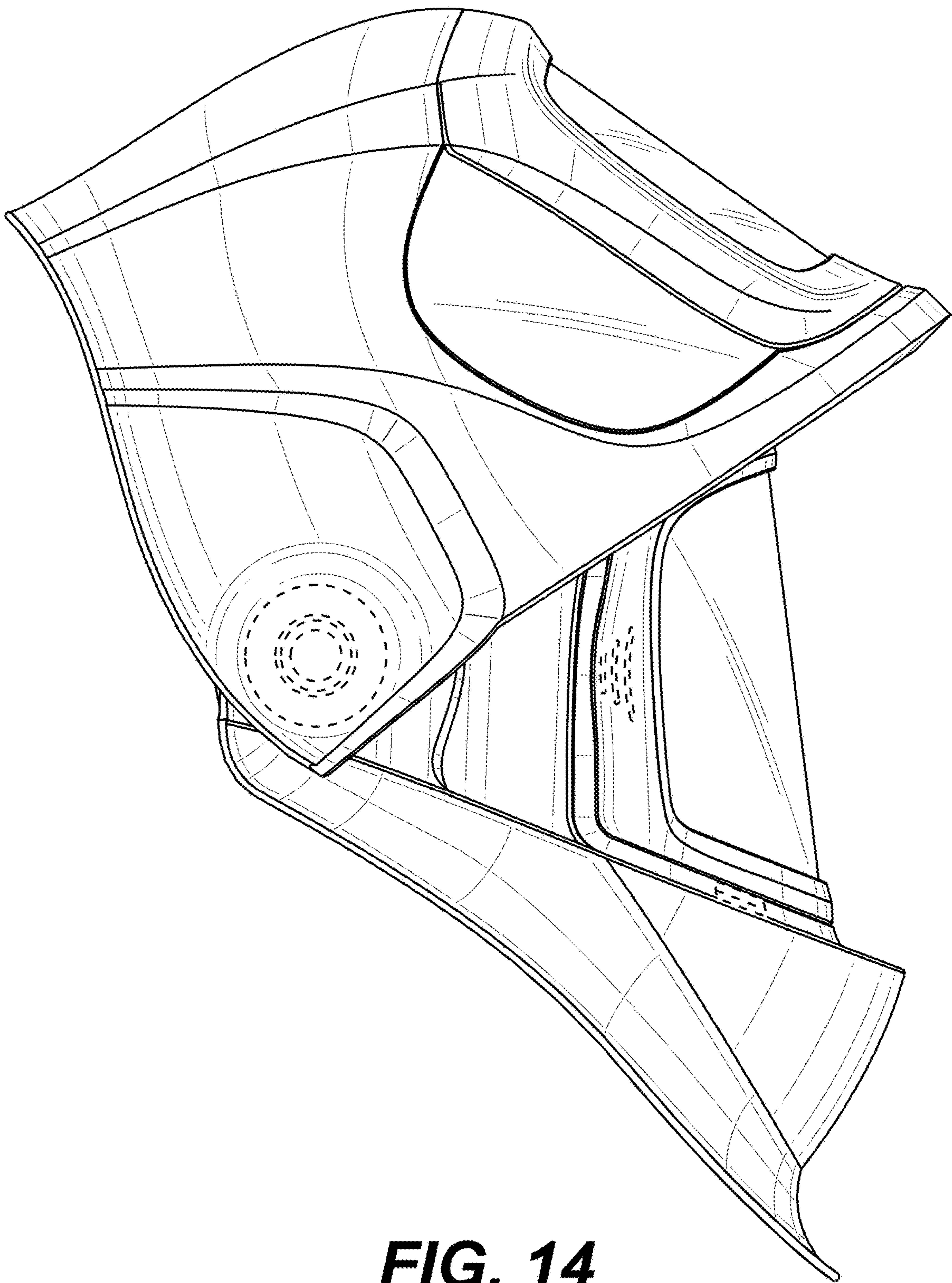


FIG. 14