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(12) United States Design Patent

Wu

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(45) Date of Patent: ** Oct. 2, 2018

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

(71) Applicant: **Tecmen Electronics Co., Ltd.**, Nanjing (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

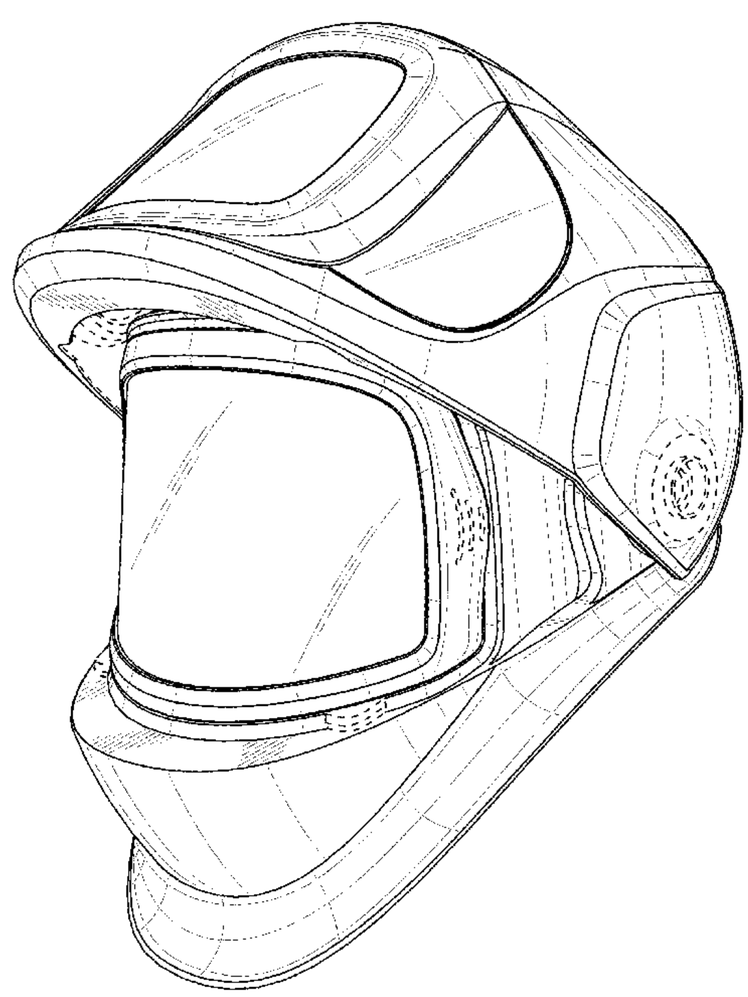
(57) **CLAIM**

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



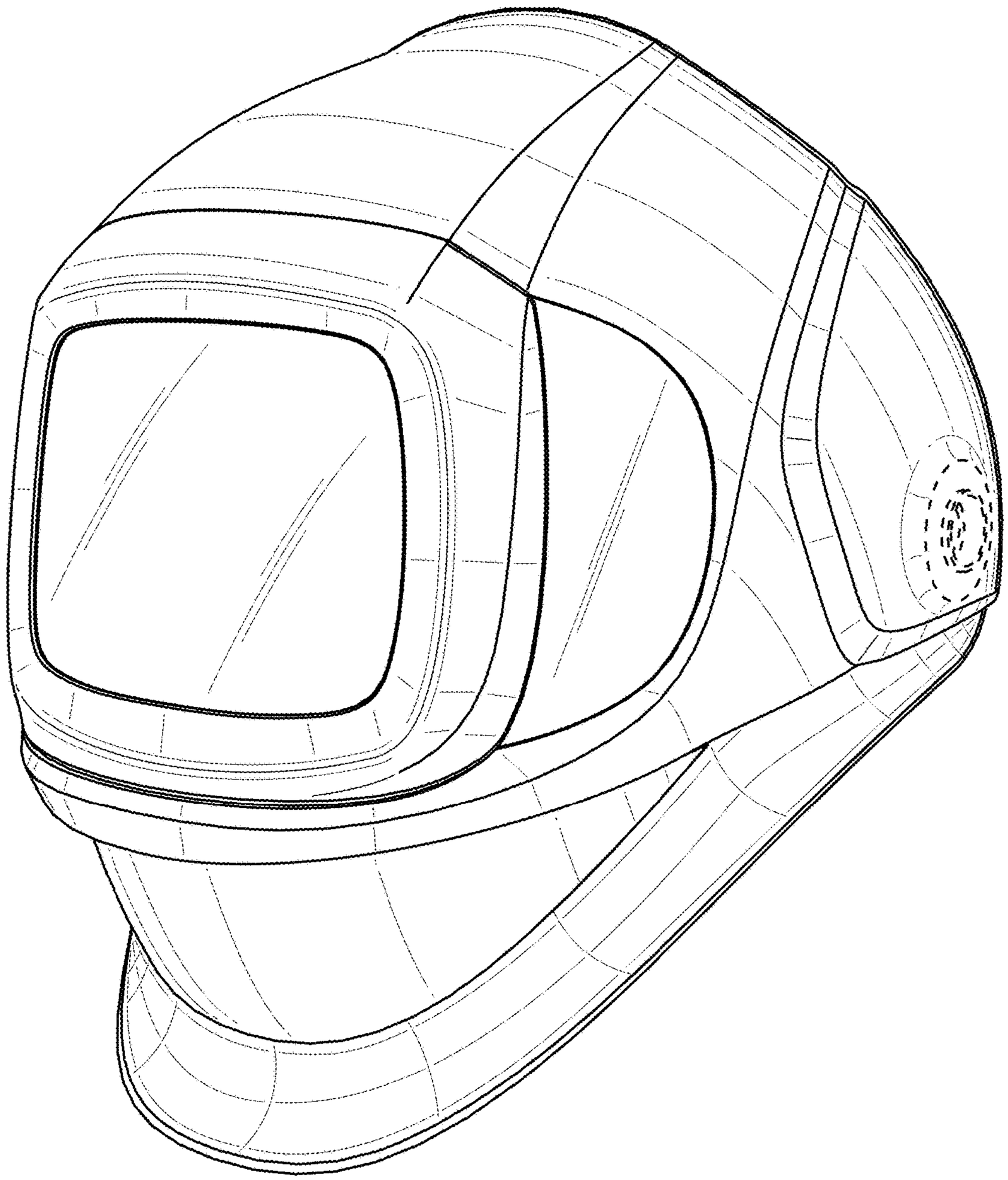


FIG. 1

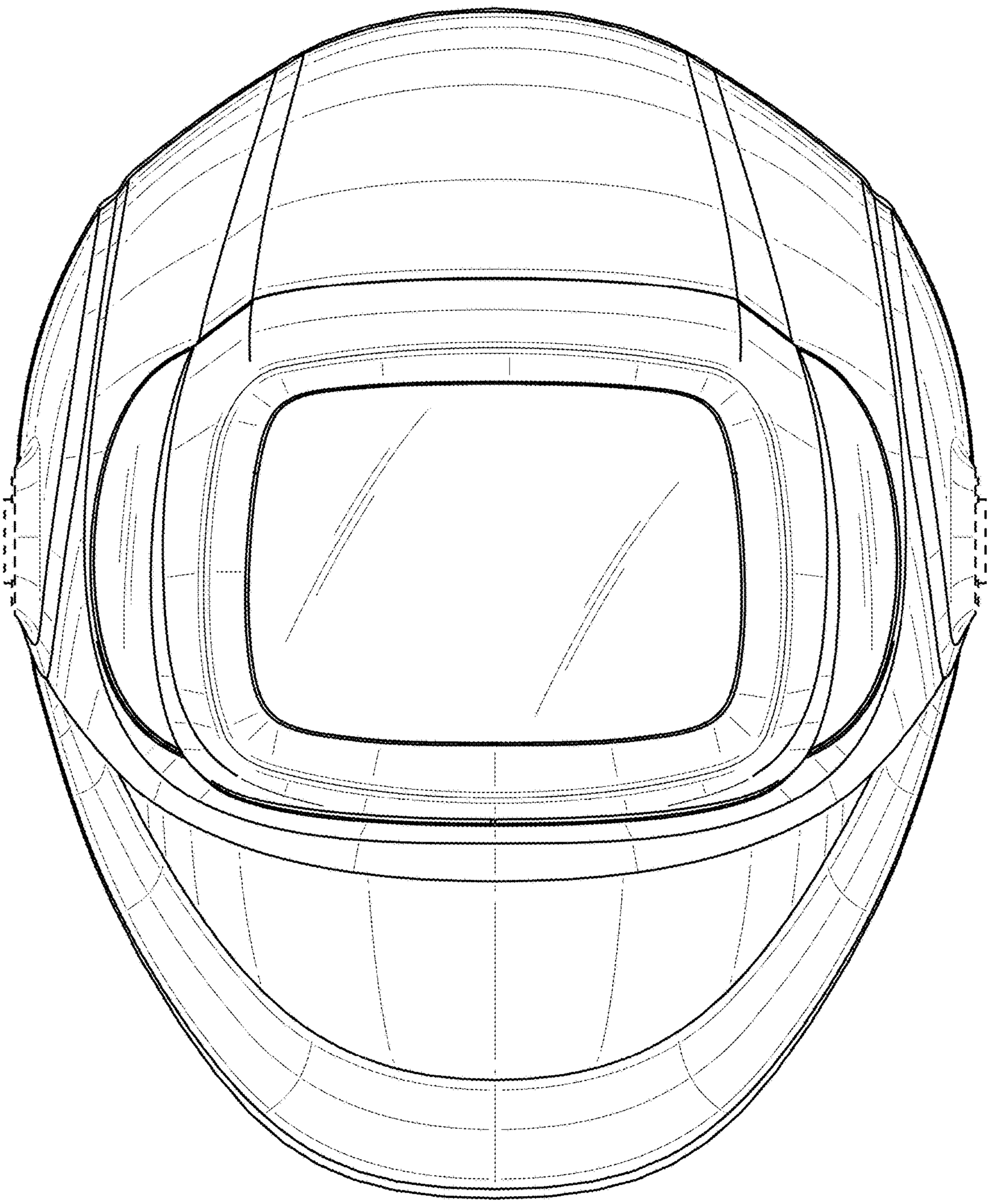


FIG. 2

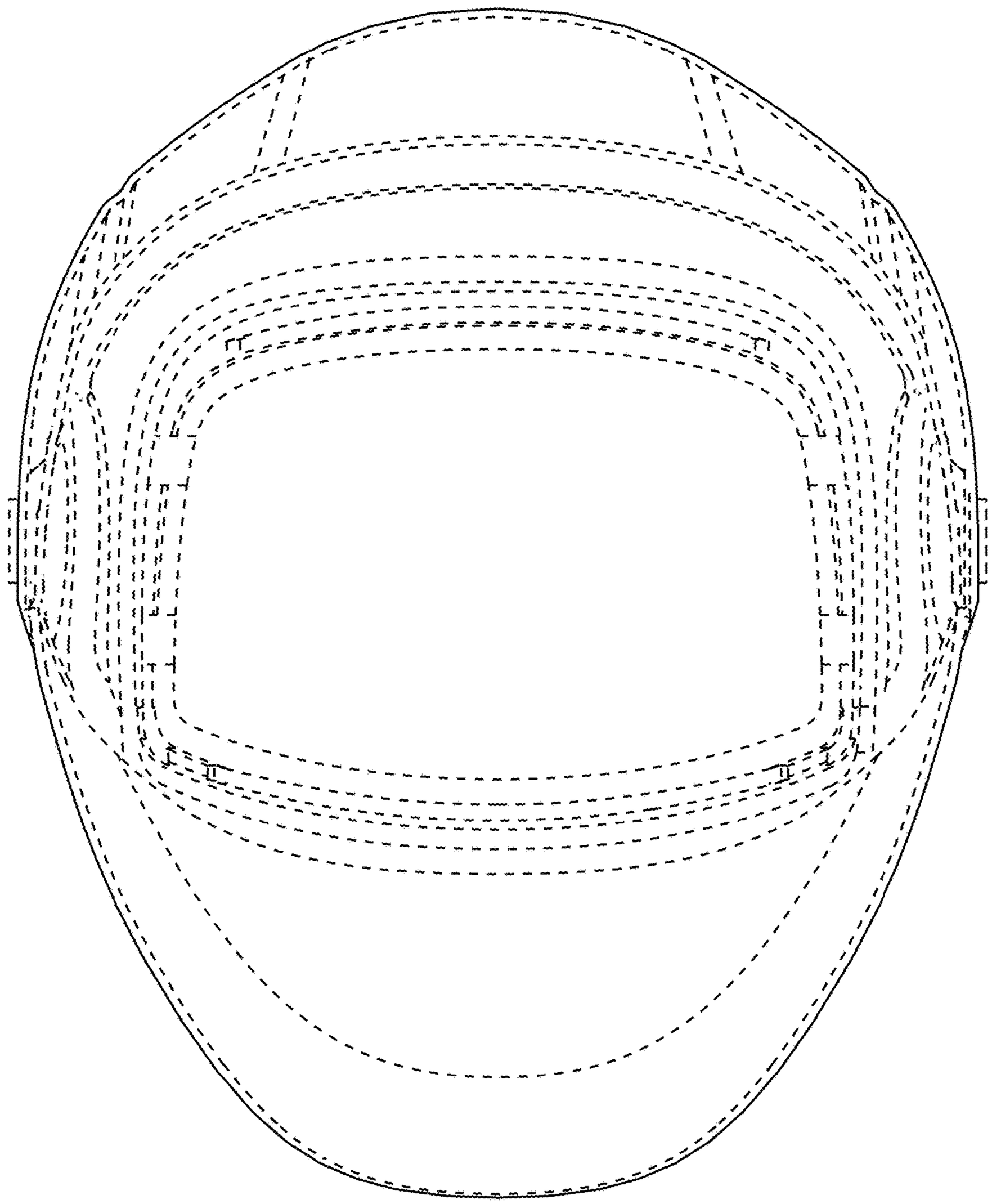


FIG. 3

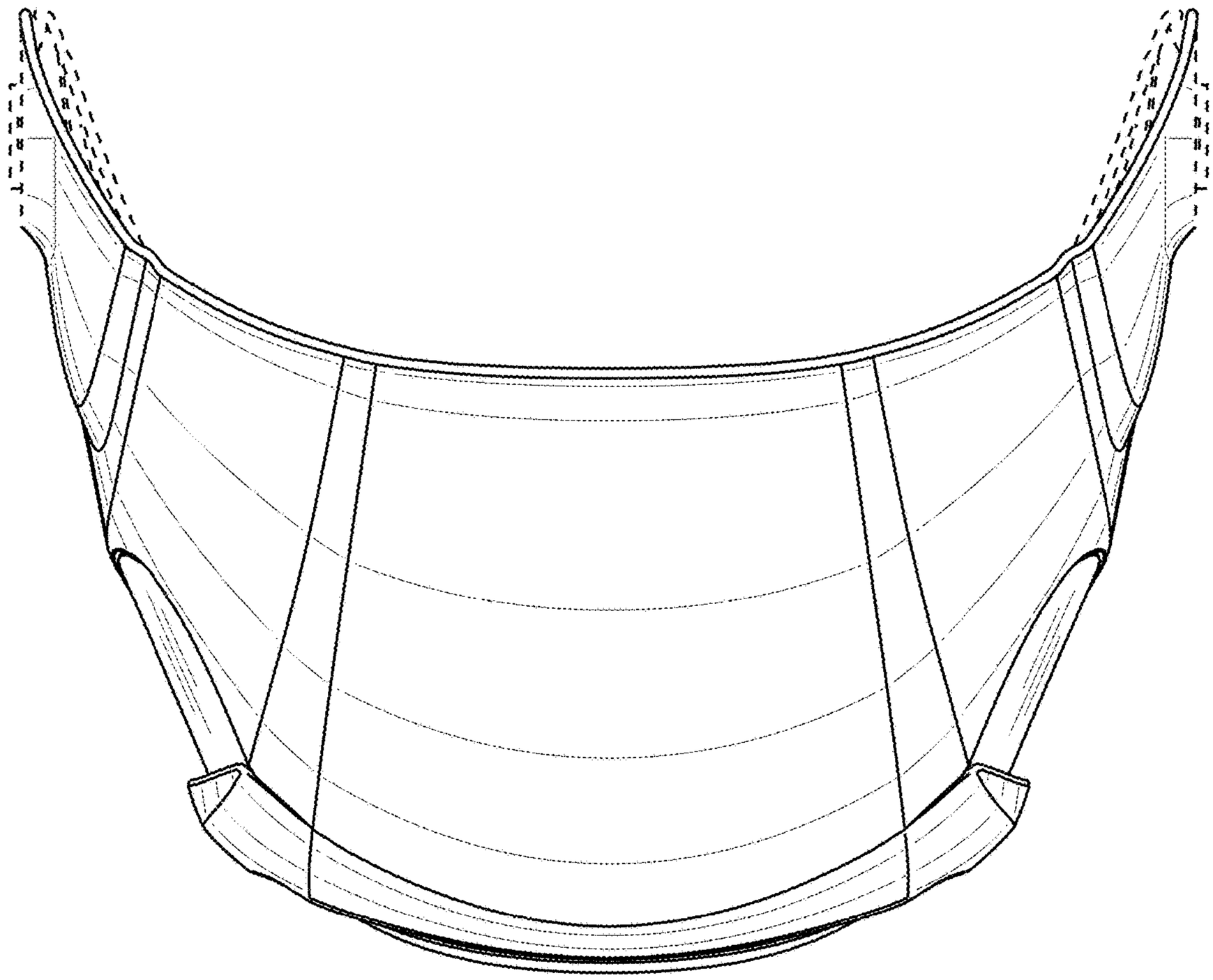


FIG. 4

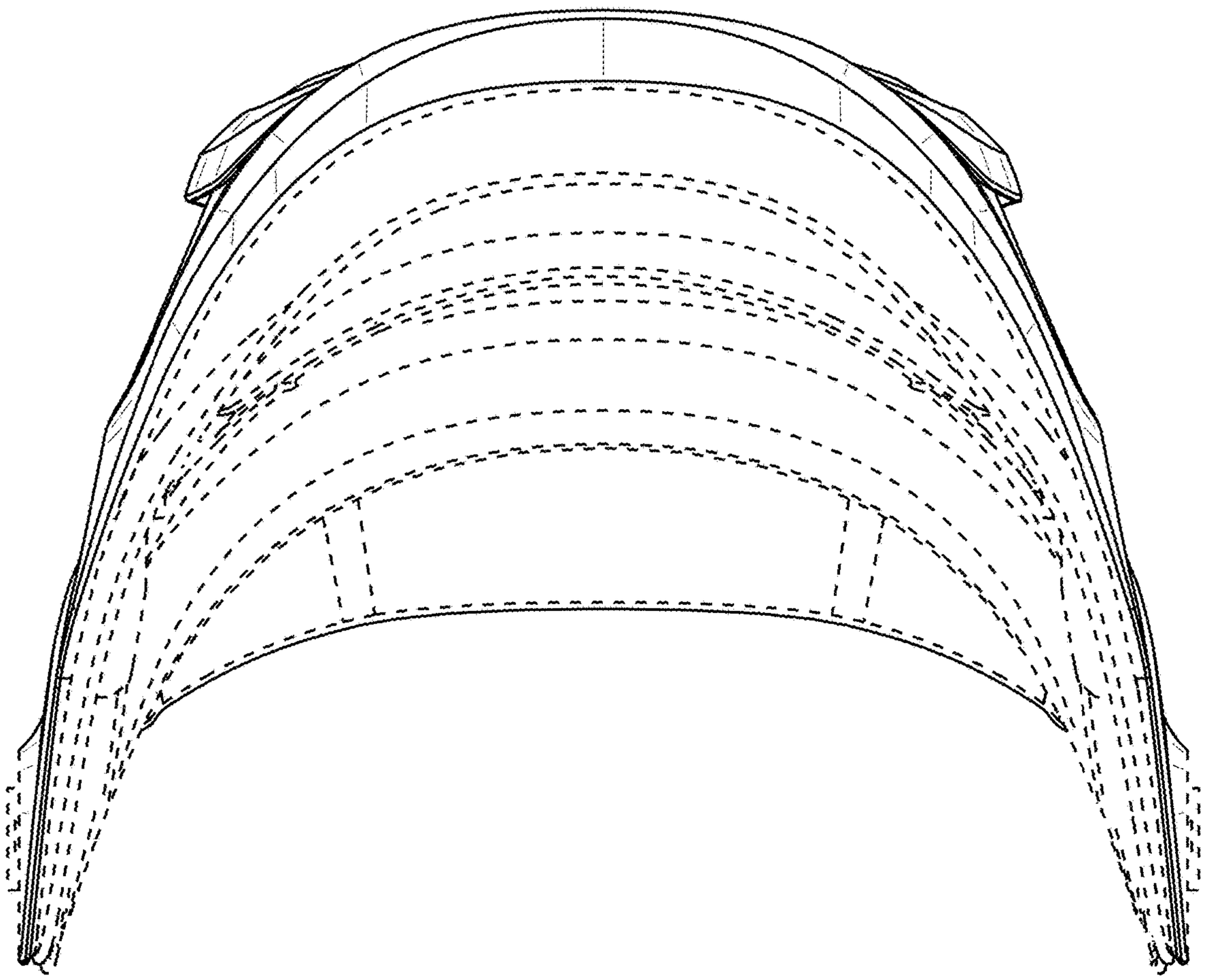


FIG. 5

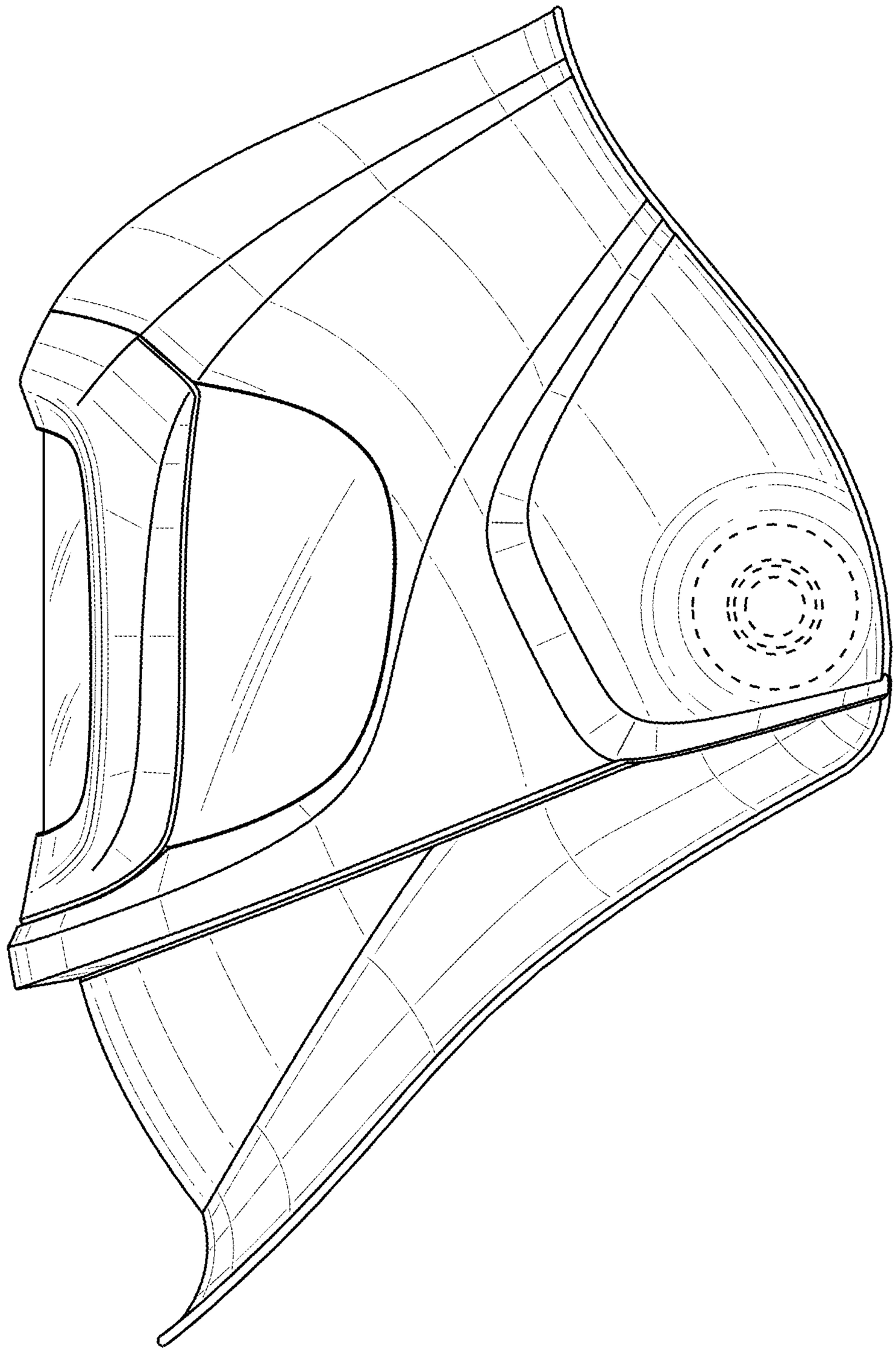


FIG. 6

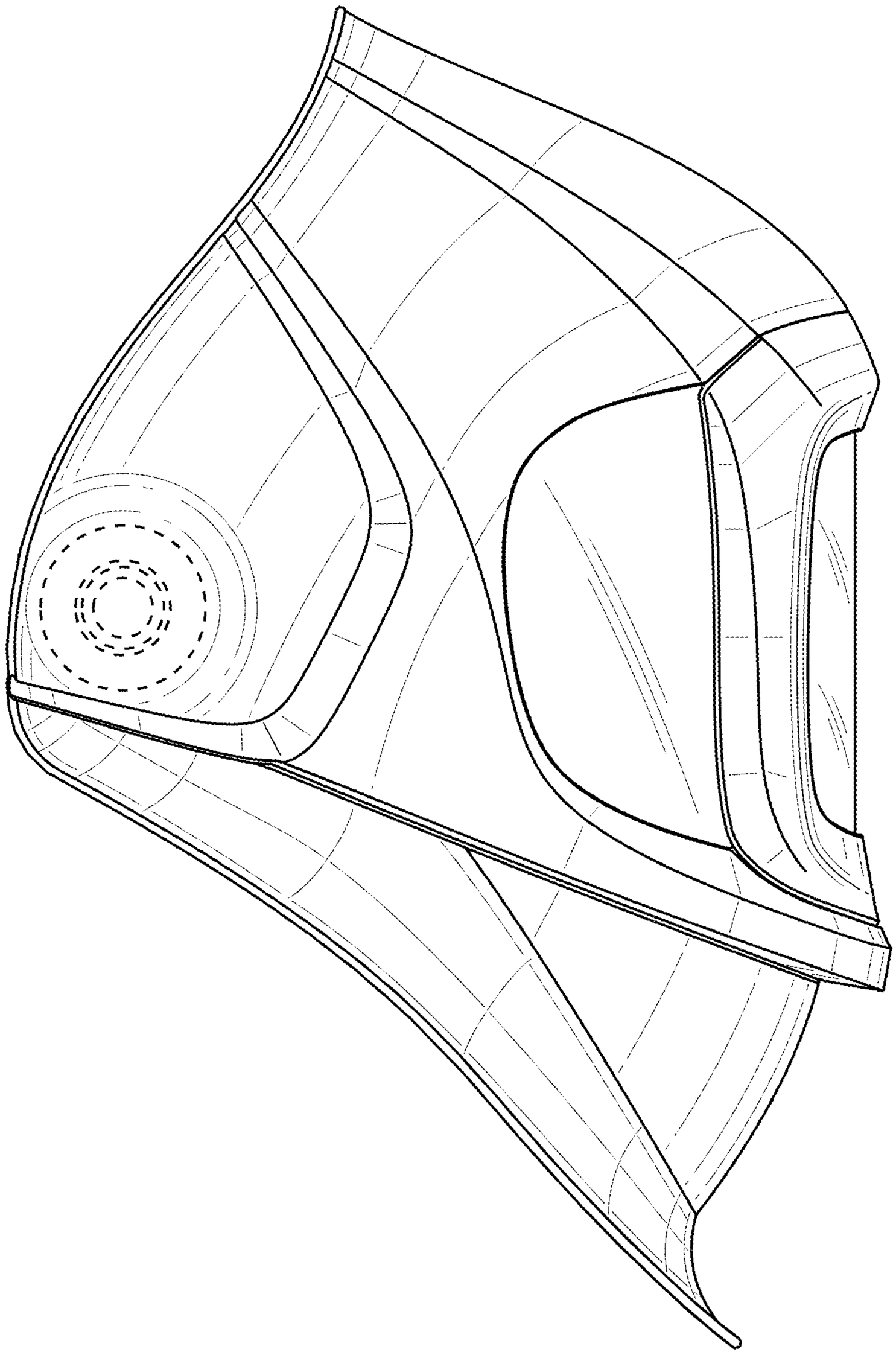


FIG. 7

FIG. 8

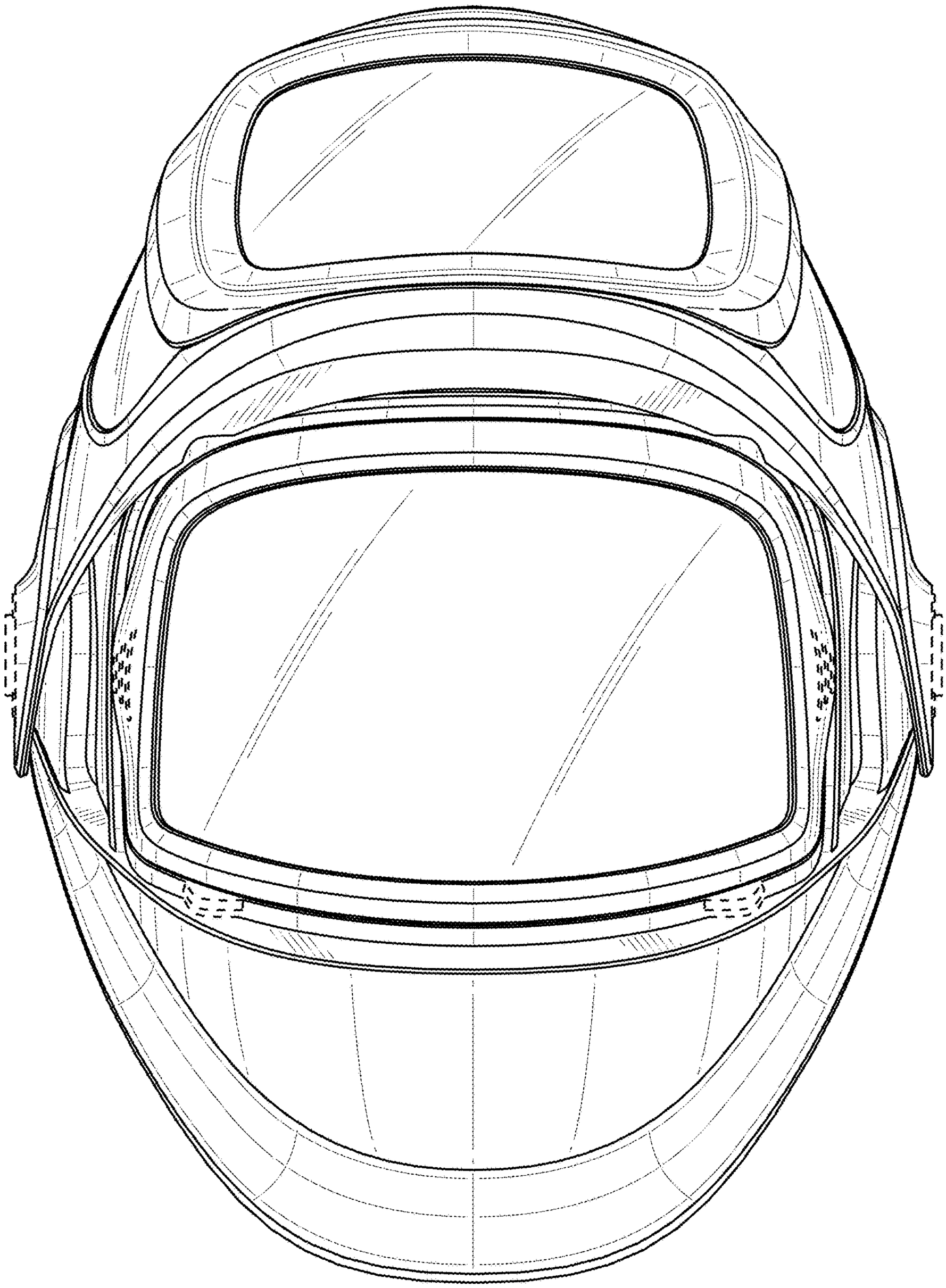


FIG. 9

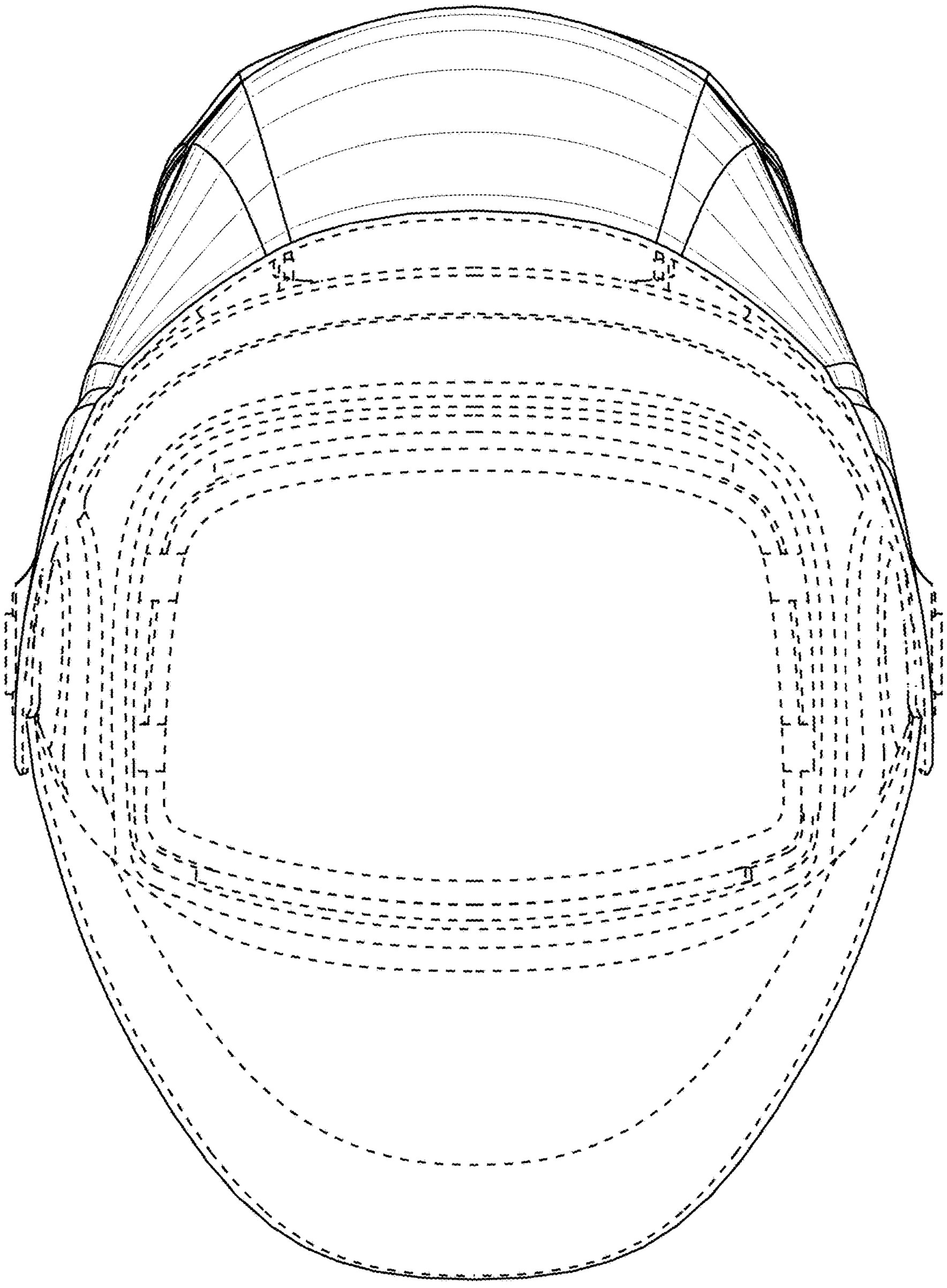


FIG. 10

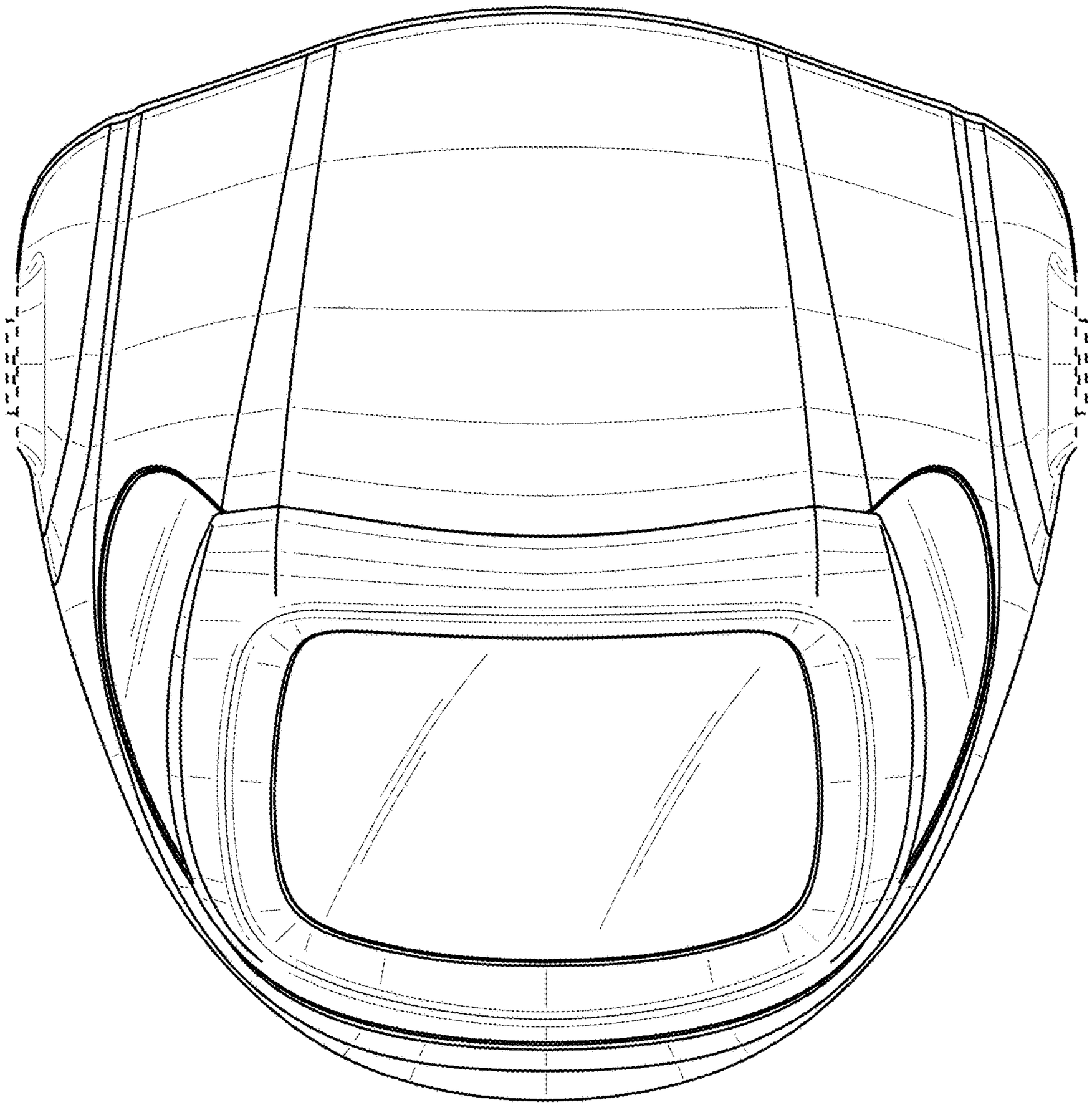


FIG. 11

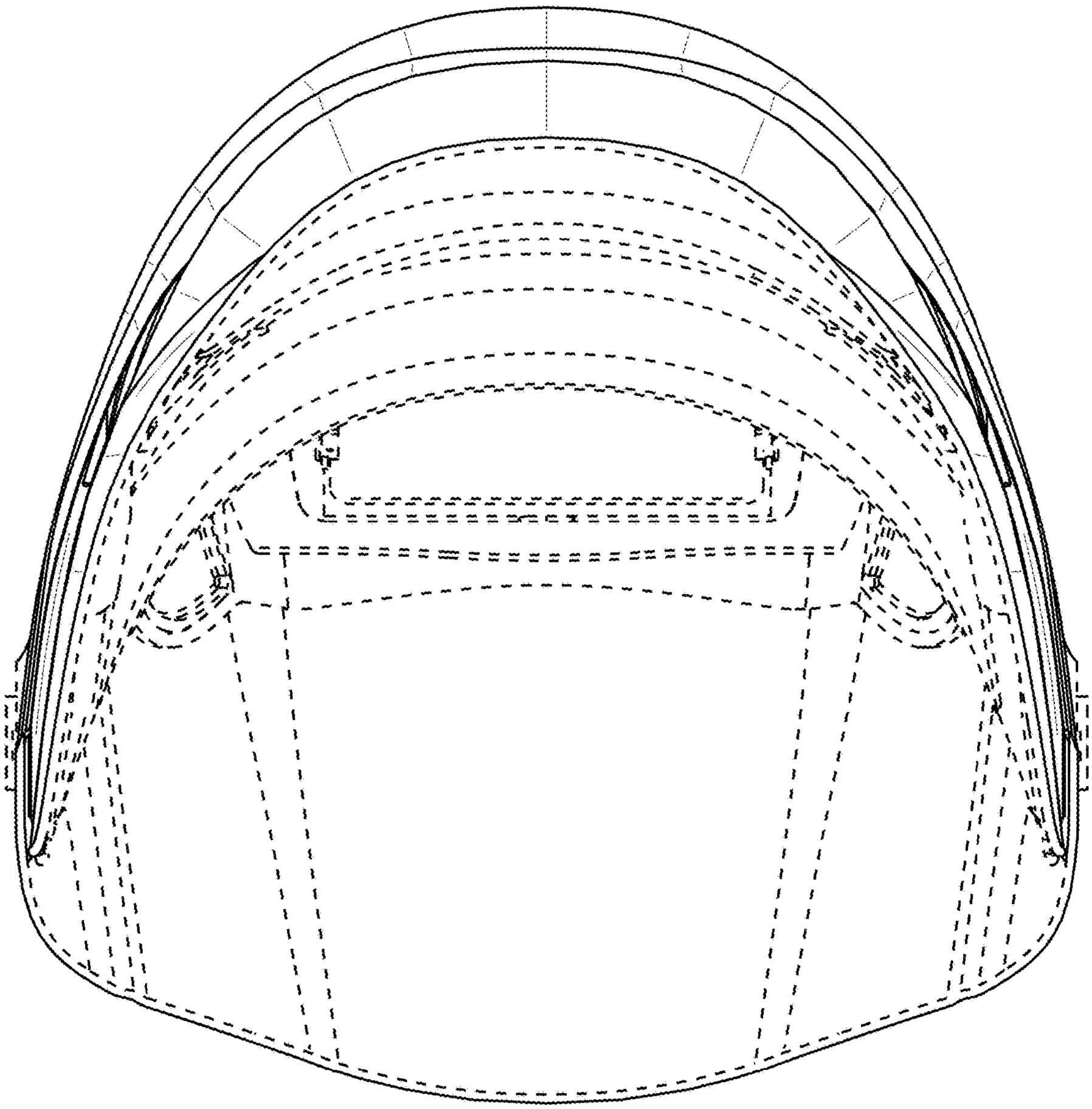


FIG. 12

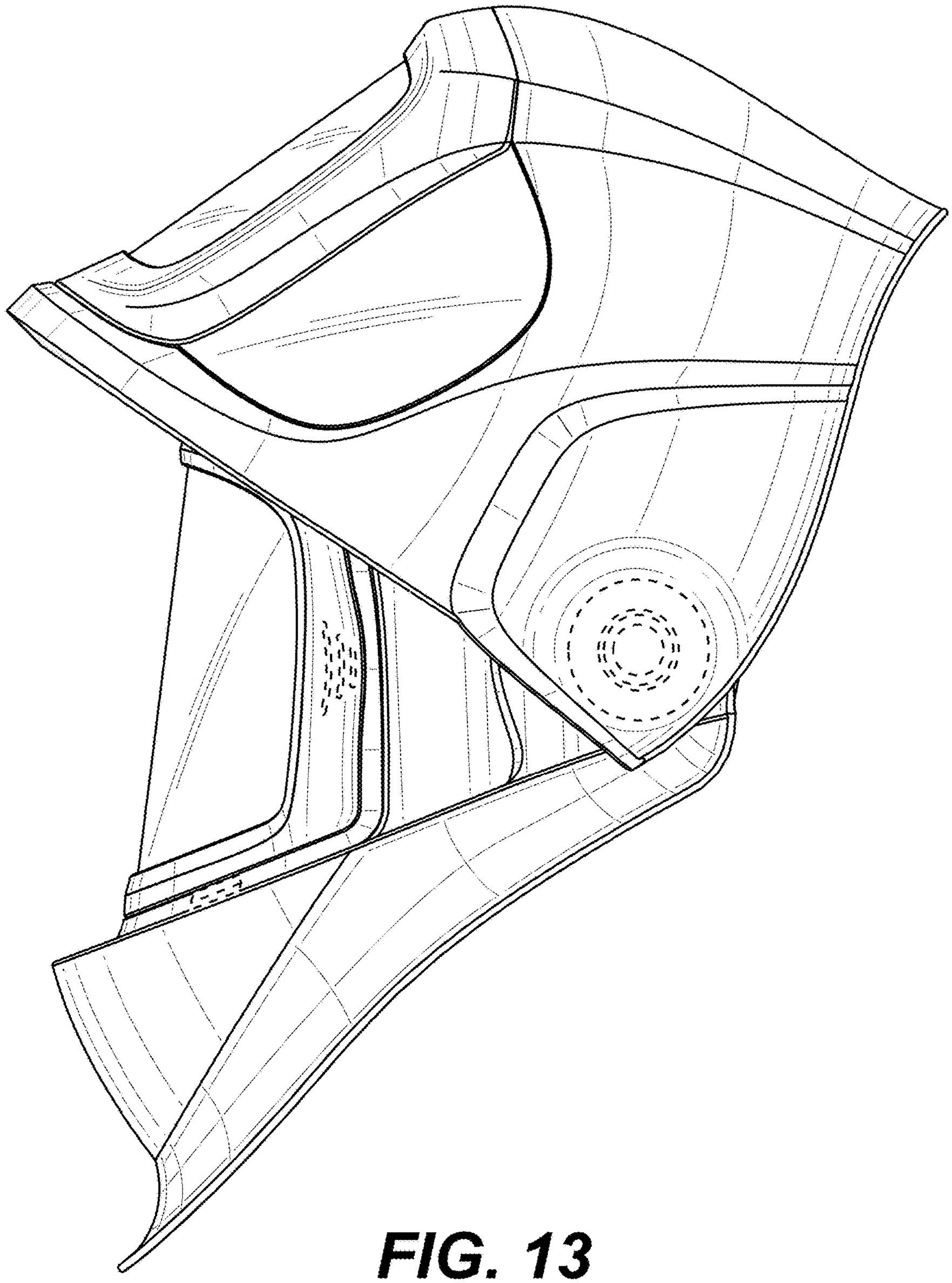


FIG. 13

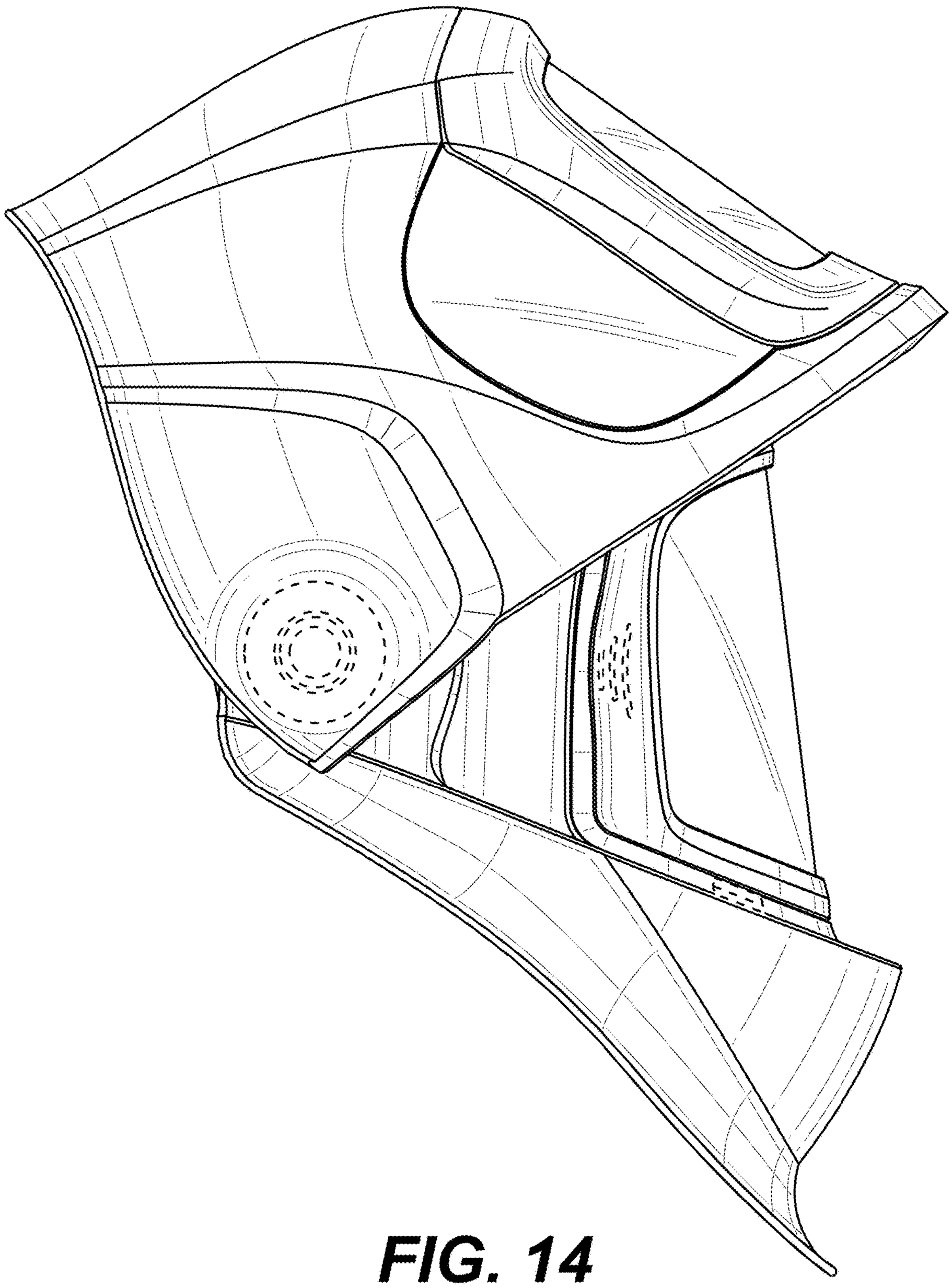


FIG. 14