



US00D654634S

(12) **United States Design Patent**  
**Wu**

(10) **Patent No.:** **US D654,634 S**

(45) **Date of Patent:** **\*\* Feb. 21, 2012**

(54) **WELDING HELMET**

(74) *Attorney, Agent, or Firm* — Leydig, Voit & Mayer, Ltd.

(75) Inventor: **Ziqian Wu**, NanJing (CN)

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

(57) **CLAIM**

The ornamental design for a welding helmet, as shown and described.

(\*\*) Term: **14 Years**

**DESCRIPTION**

(21) Appl. No.: **29/397,928**

(22) Filed: **Jul. 22, 2011**

(51) **LOC (9) Cl.** ..... **29-02**

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

(58) **Field of Classification Search** ..... D29/100,  
D29/102, 104, 105, 106, 107, 108, 109, 110,  
D29/111, 122; D2/865, 866, 878, 879, 882,  
D2/891, 892; D24/110.1, 110.2, 110.3; 2/455,  
2/456, 410, 5, 6.6, 6.3, 6.5, 6.7, 7, 8.1-8.8,  
2/206, 417, 418, 419, 15, 9, 424, 171, 205,  
2/431, 432, 426; 128/206.12, 206.13, 206.16,  
128/206.19, 206.28, 201.24, 857

See application file for complete search history.

FIG. 1 is a top, front, and right side perspective view of a welding helmet showing my new design;

FIG. 2 is a top plan view of the welding helmet shown in FIG. 1;

FIG. 3 is a bottom view of the welding helmet shown in FIG. 1;

FIG. 4 is a front elevational view of the welding helmet shown in FIG. 1;

FIG. 5 is a rear elevational view of the welding helmet shown in FIG. 1;

FIG. 6 is a left elevational side view of the welding helmet shown in FIG. 1;

FIG. 7 is a right elevational side view of the welding helmet shown in FIG. 1;

FIG. 8 is a top, front and right side perspective view of a welding helmet showing my new design;

FIG. 9 is a top plan view of the welding helmet shown in FIG. 8;

FIG. 10 is a bottom view of the welding helmet shown in FIG. 8;

FIG. 11 is a front elevational view of the welding helmet shown in FIG. 8;

FIG. 12 is a rear elevational view of the welding helmet shown in FIG. 8;

FIG. 13 is a left elevational side view of the welding helmet shown in FIG. 8; and,

FIG. 14 is a right elevational side view of the welding helmet shown in FIG. 8.

In the drawings, the broken lines in FIGS. 1-14 depict portions of the design that form no part of the claim.

(56) **References Cited**

U.S. PATENT DOCUMENTS

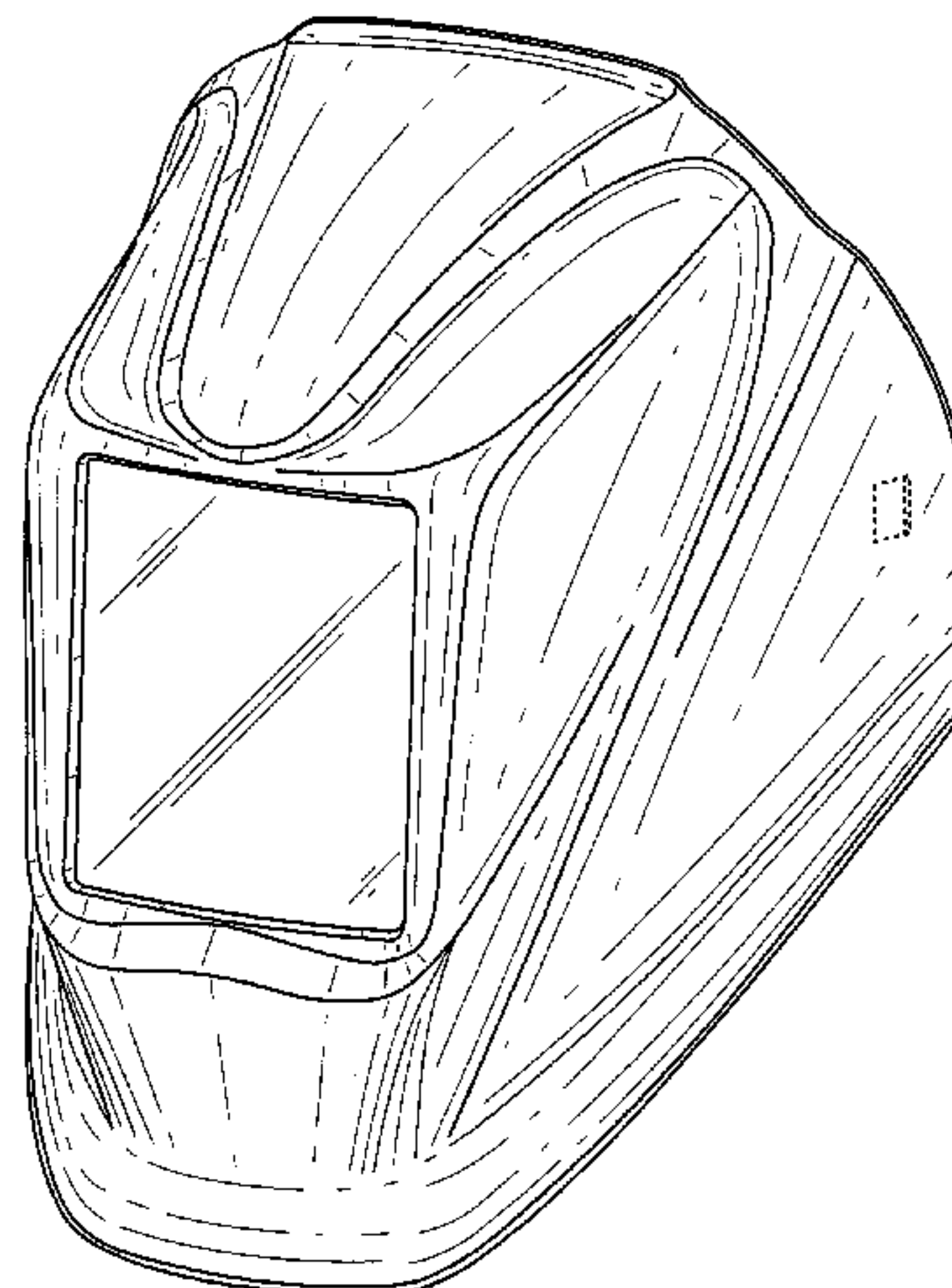
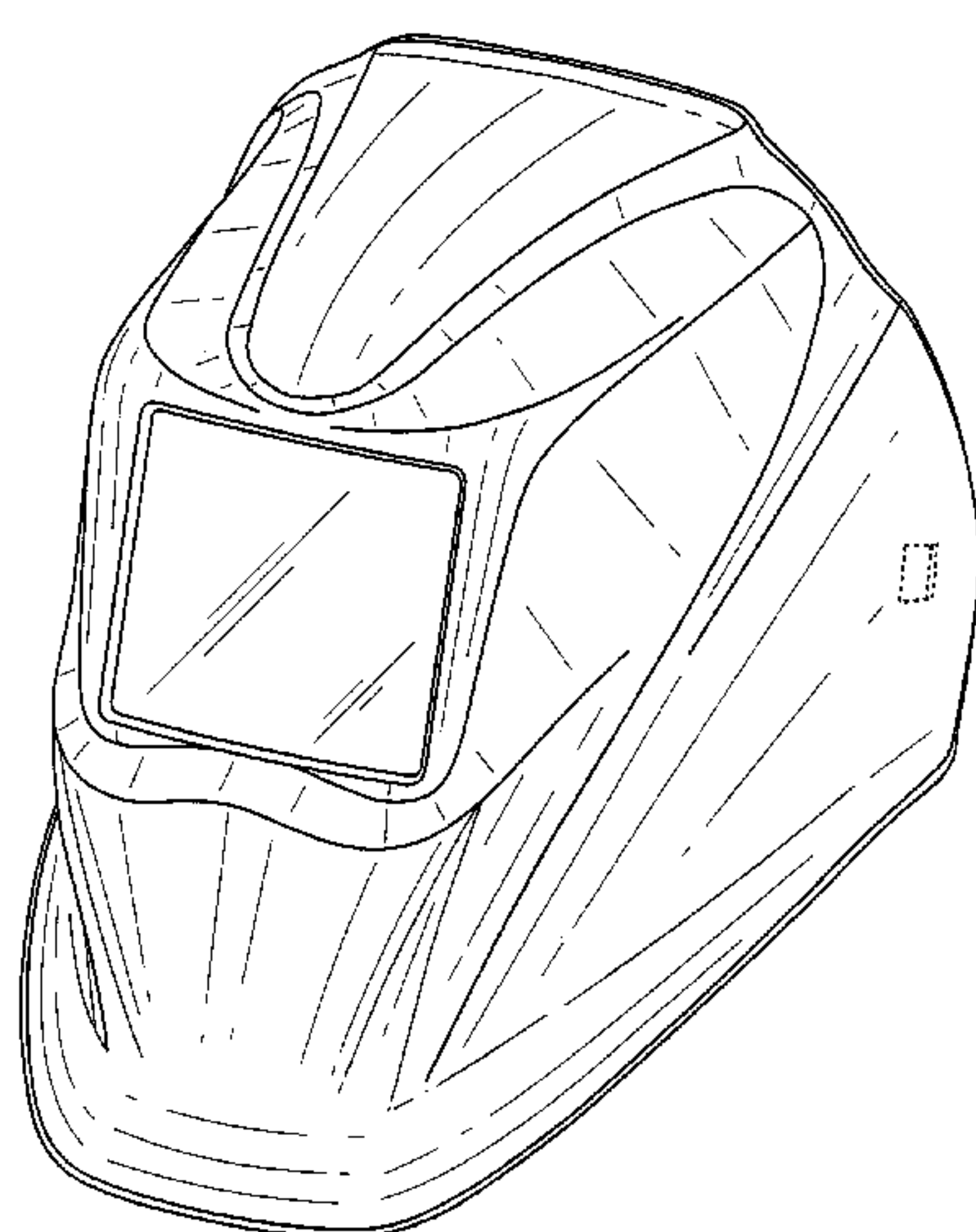
5,571,217	A *	11/1996	Del Bon et al.	.....	2/9
D394,732	S *	5/1998	Huh	.....	D29/110
D398,421	S *	9/1998	Crafoord et al.	.....	D29/110
5,857,215	A *	1/1999	Ferguson et al.	.....	2/8.3
6,185,739	B1 *	2/2001	Verkic et al.	.....	2/8.1
D444,919	S *	7/2001	Kramer et al.	.....	D29/110
D481,832	S *	11/2003	Huh	.....	D29/110
D482,502	S *	11/2003	Huh	.....	D29/110
D499,215	S *	11/2004	Cheng	.....	D29/110
D521,190	S *	5/2006	Wu	.....	D29/110
D524,991	S *	7/2006	Martin et al.	.....	D29/110
D527,849	S *	9/2006	Huh	.....	D29/110

(Continued)

*Primary Examiner* — Stella Reid

*Assistant Examiner* — Elizabeth J Oswecki

**1 Claim, 14 Drawing Sheets**



# US D654,634 S

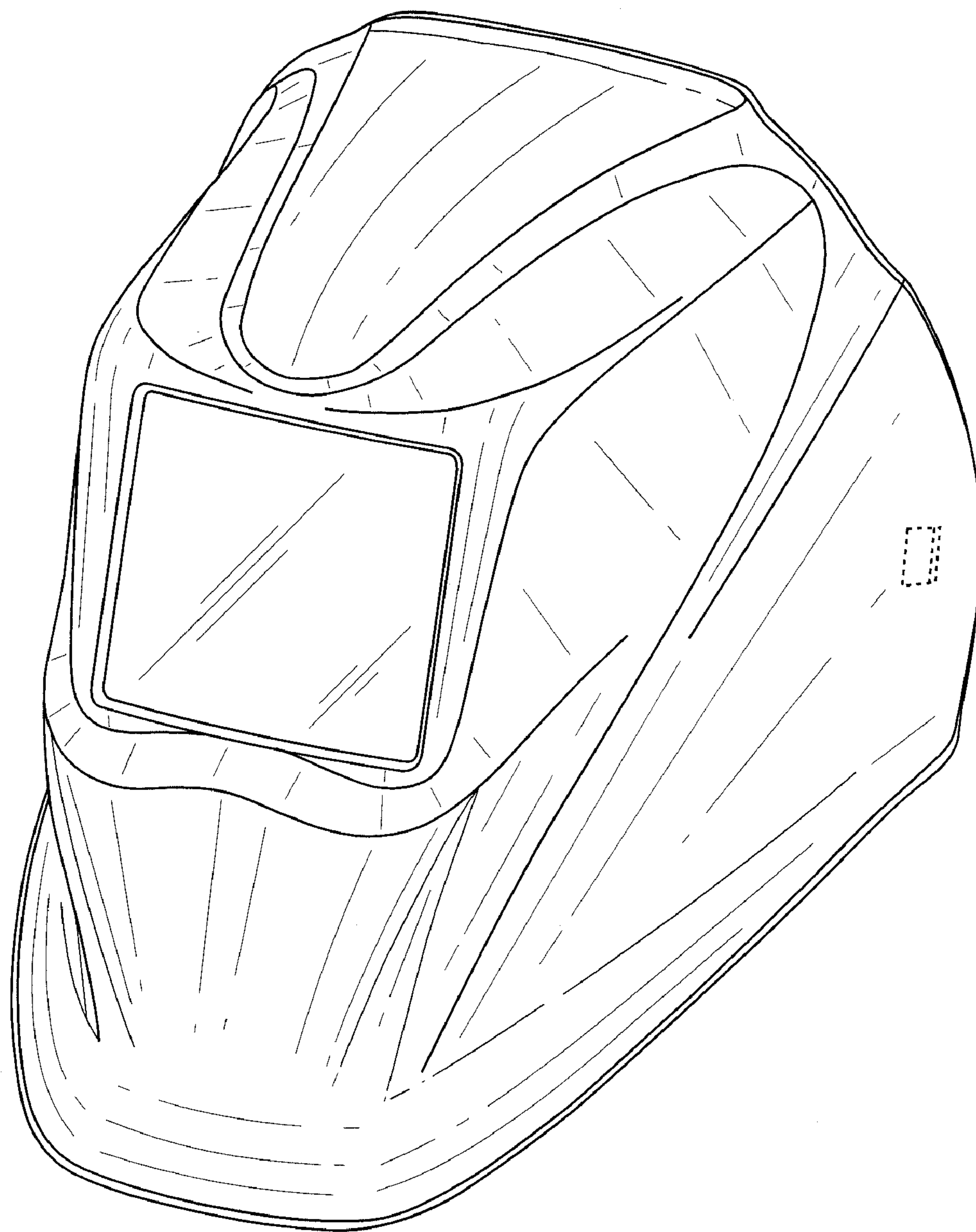
Page 2

---

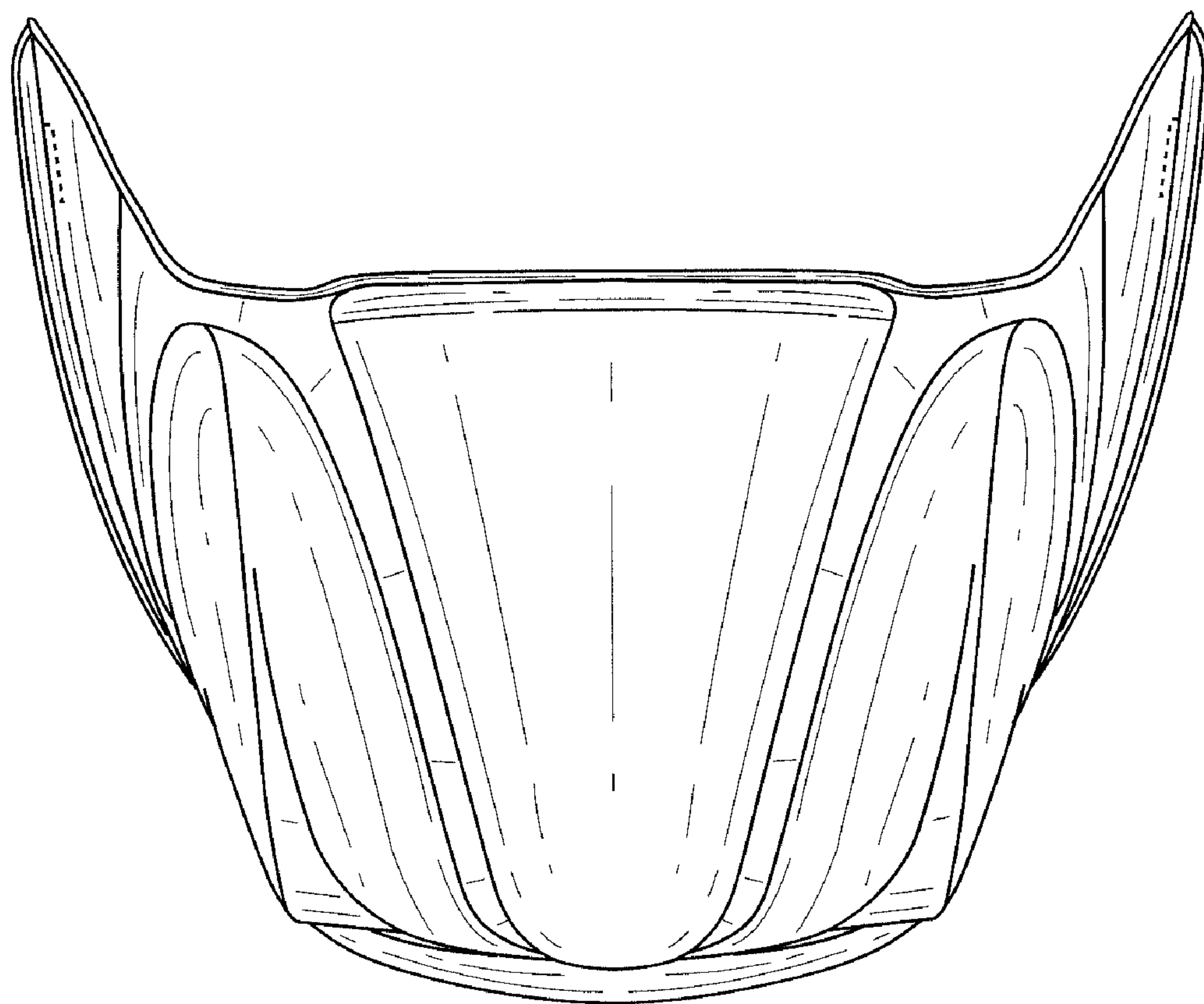
## U.S. PATENT DOCUMENTS

D530,864 S *	10/2006	Huh	.....	D29/110	D586,956 S *	2/2009	Huh	.....	D29/110
D540,989 S *	4/2007	Huh	.....	D29/110	D594,600 S *	6/2009	Huh	.....	D29/110
D540,990 S *	4/2007	Huh	.....	D29/110	D628,750 S *	12/2010	Schwanz	.....	D29/110
7,308,719 B2 *	12/2007	Huh	.....	2/8.2	D635,721 S *	4/2011	Cheng	.....	D29/110
D565,800 S *	4/2008	Wang	.....	D29/110	D636,129 S *	4/2011	Wu	.....	D29/110
D565,801 S *	4/2008	Curci et al.	.....	D29/110	D637,353 S *	5/2011	Wang	.....	D29/110
7,409,723 B2 *	8/2008	Huh	.....	2/8.2	D640,419 S *	6/2011	Wright	.....	D29/110
D584,006 S *	12/2008	Juhlin	.....	D29/122	2007/0079417 A1 *	4/2007	Huh	.....	2/8.2
D584,858 S *	1/2009	Wang	.....	D29/110	2008/0060102 A1 *	3/2008	Matthews et al.	.....	2/8.2

\* cited by examiner

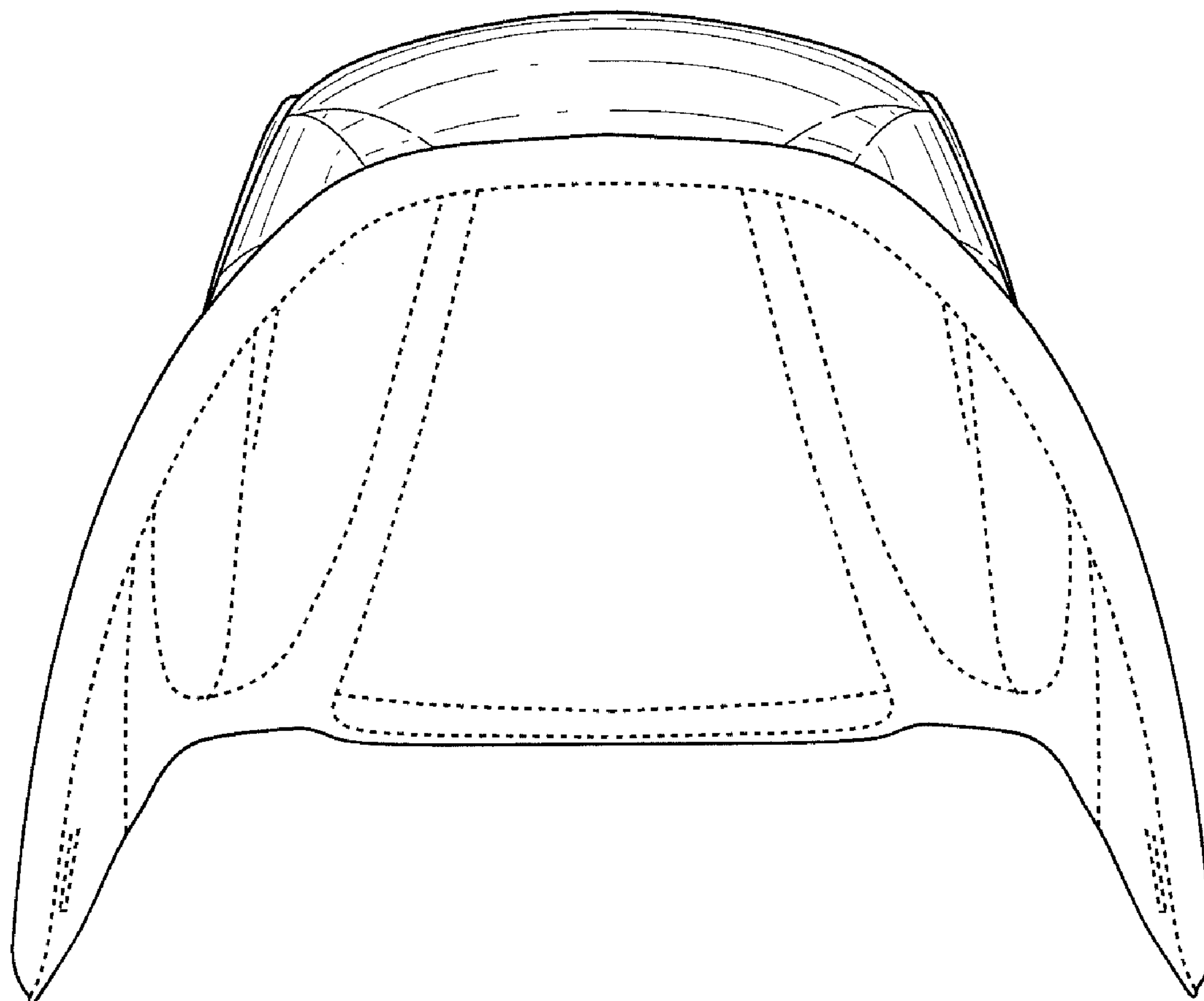


**FIG. 1**

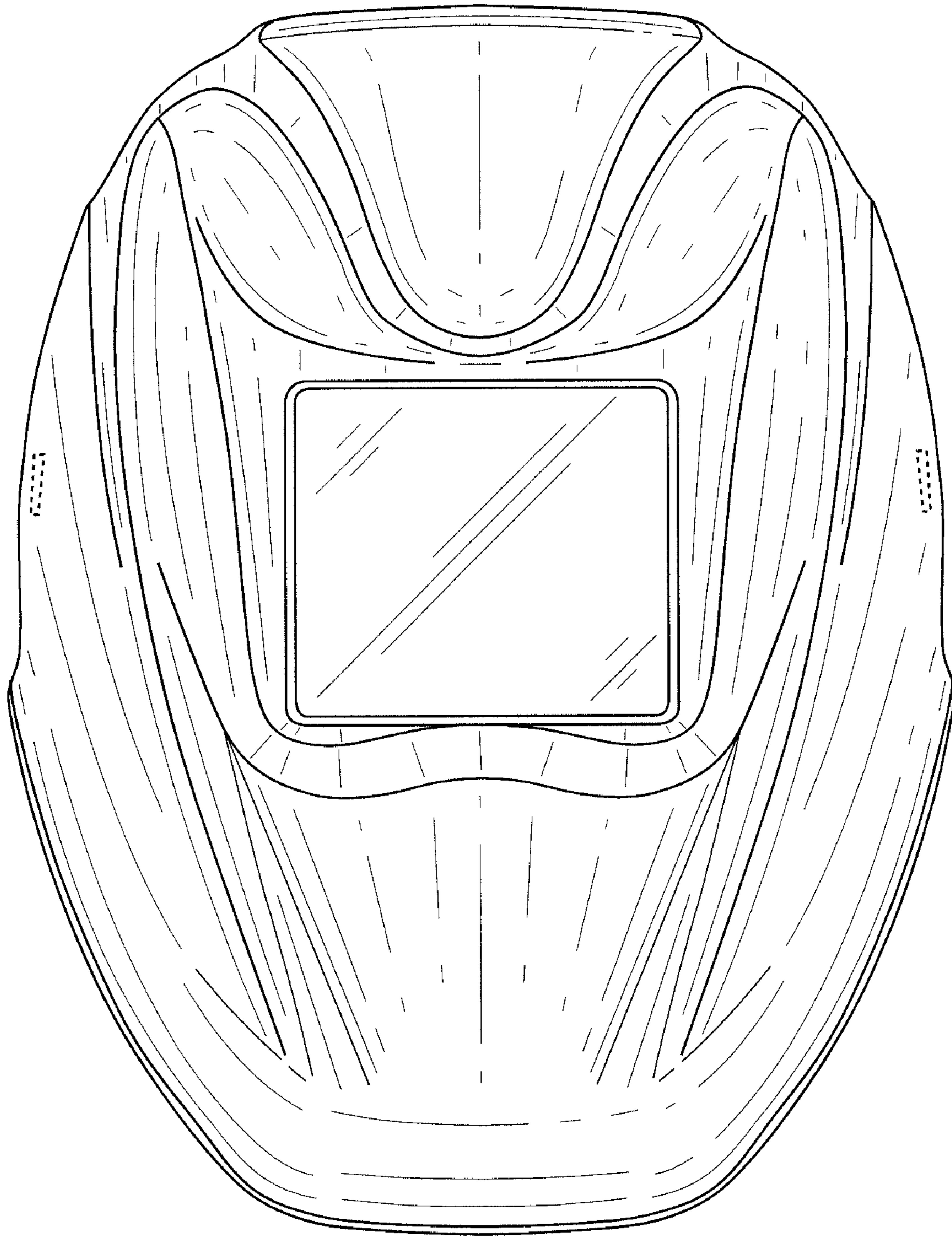


**FIG. 2**

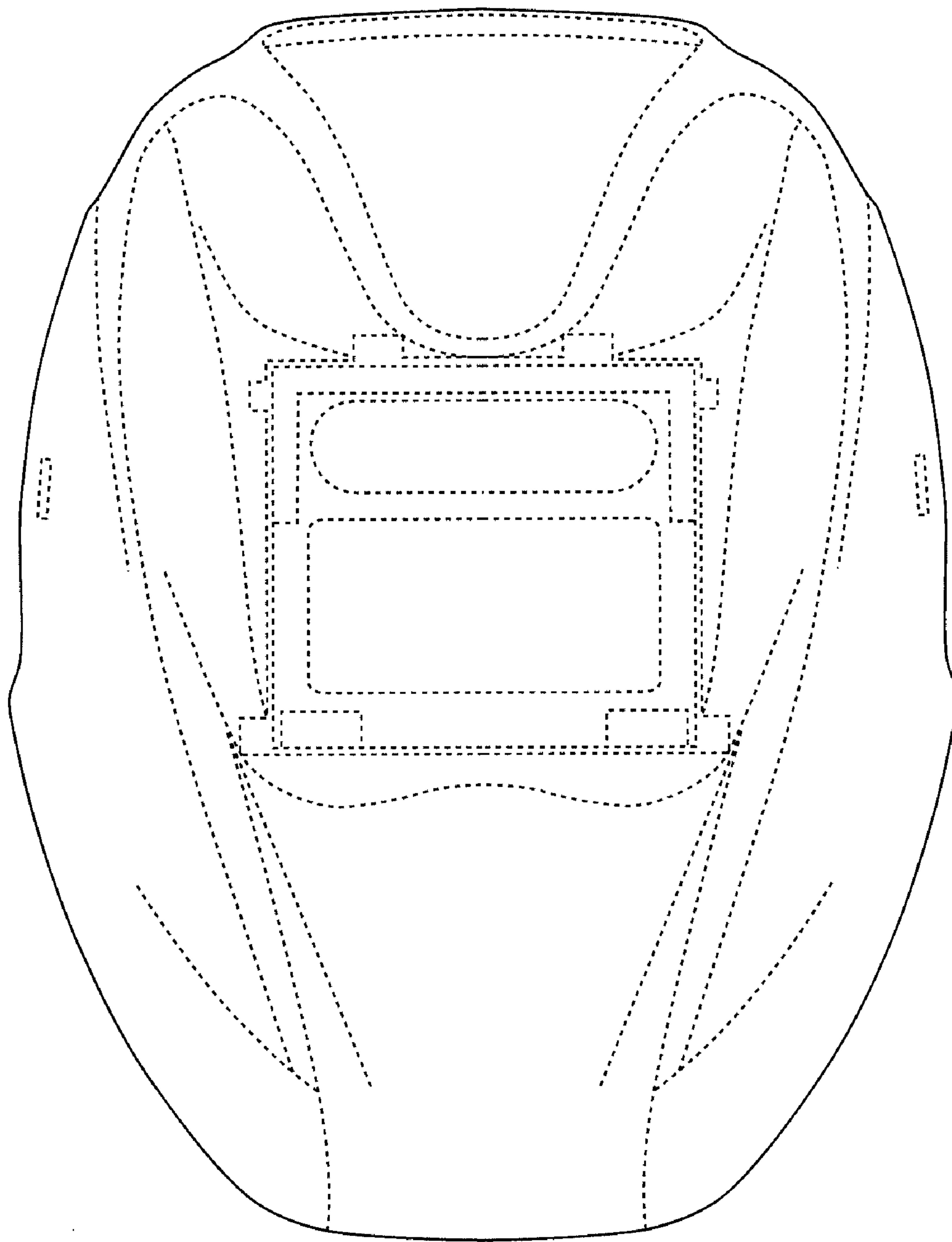




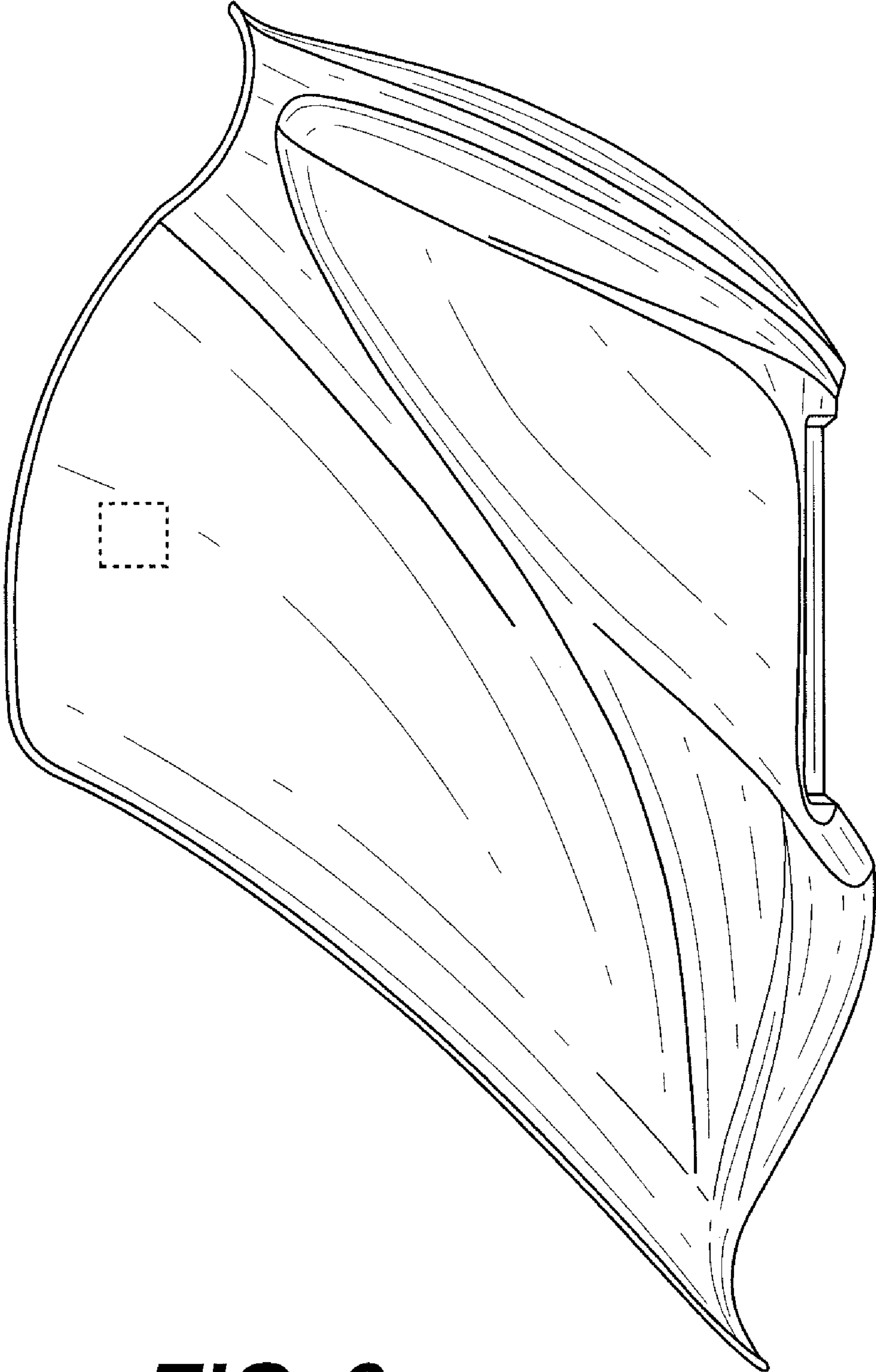
**FIG. 3**



**FIG. 4**

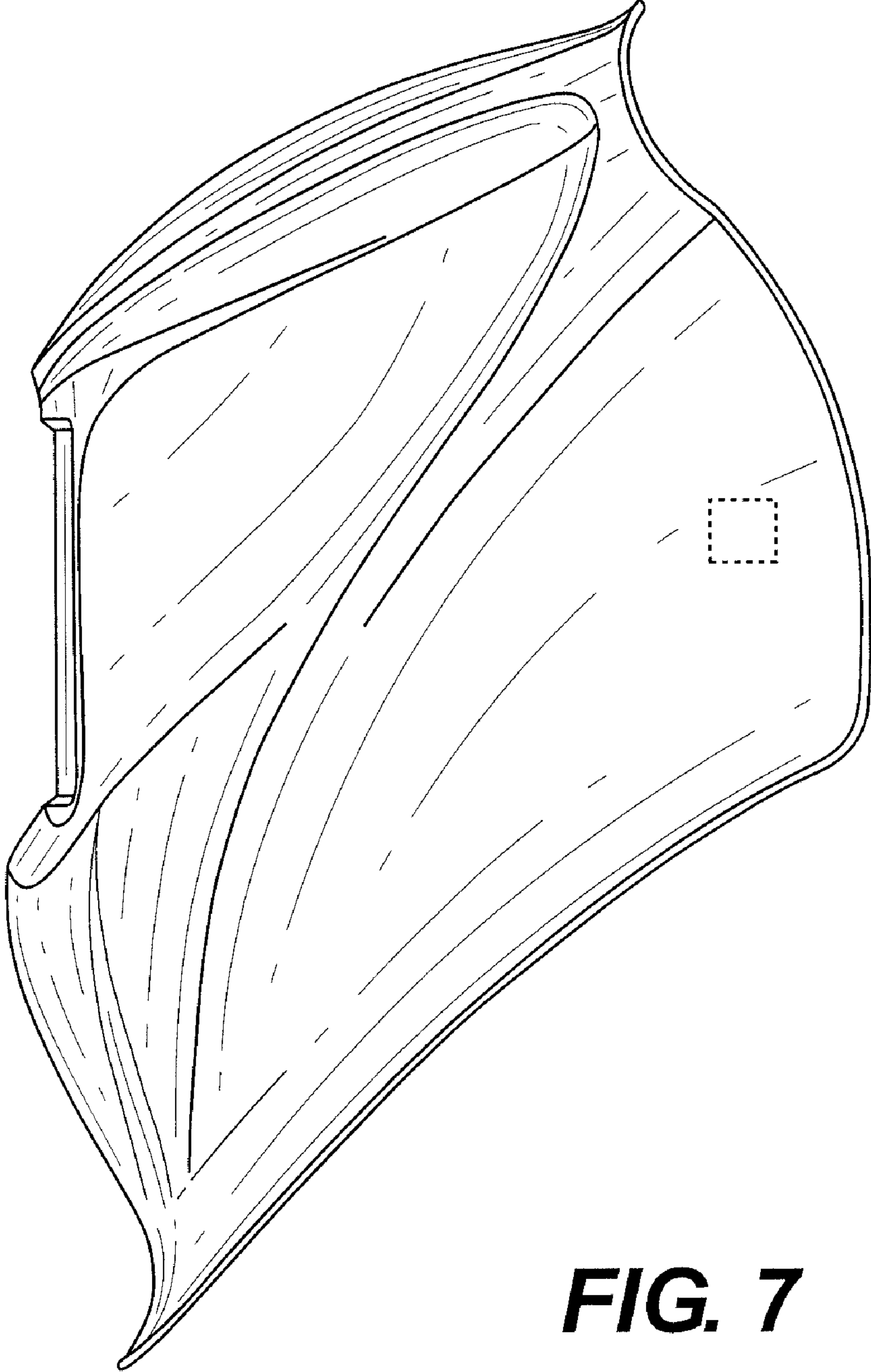


**FIG. 5**

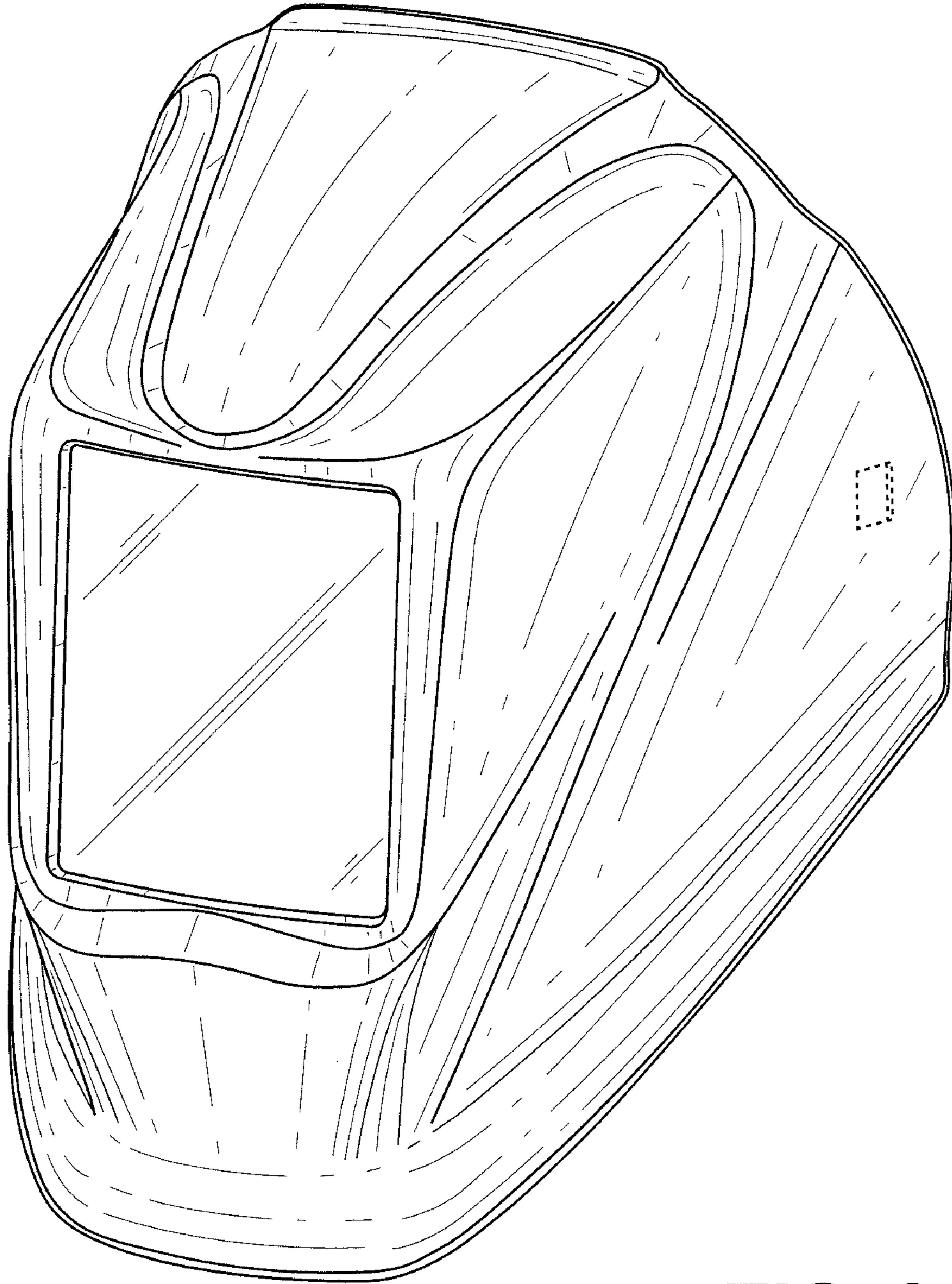


**FIG. 6**

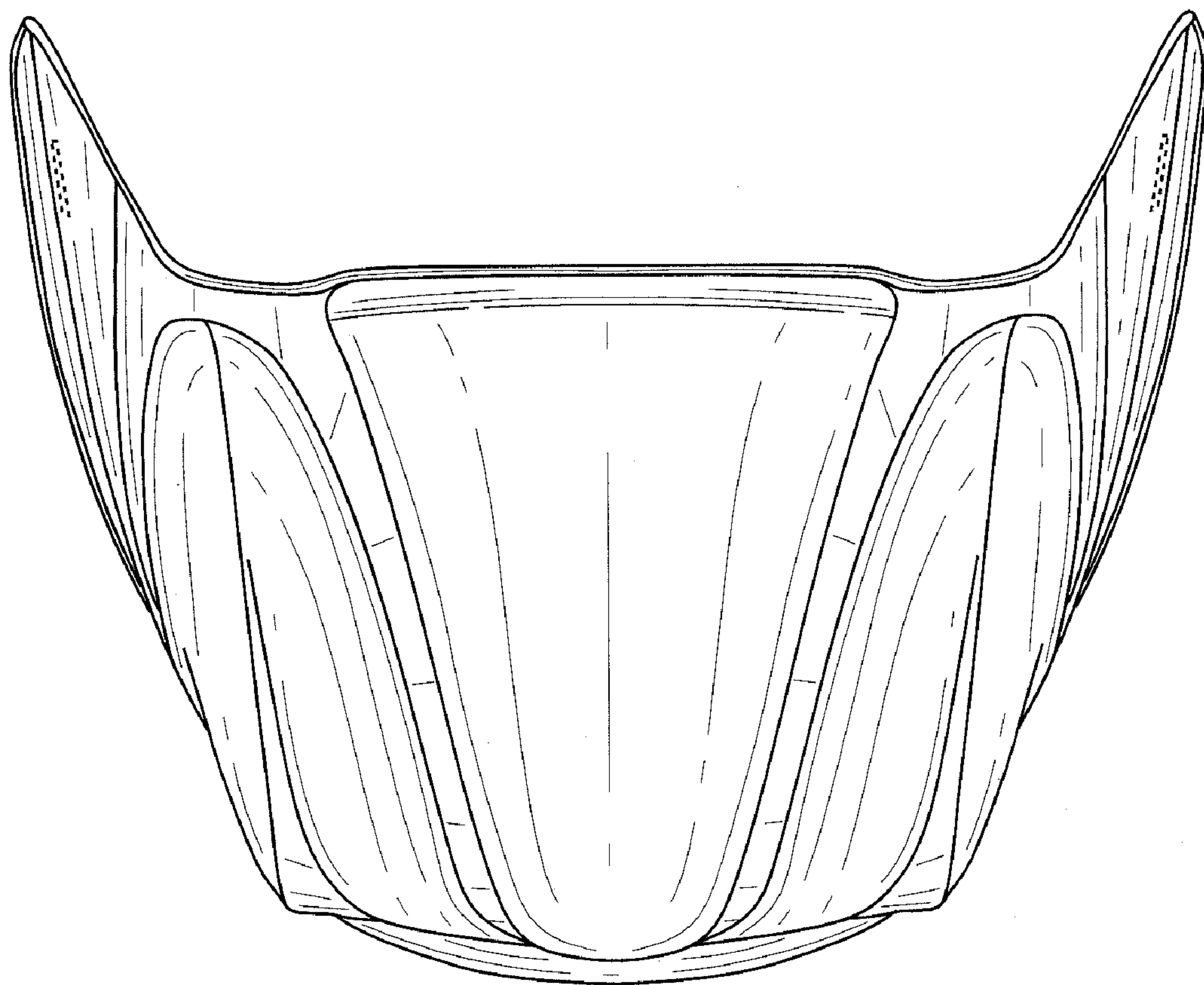




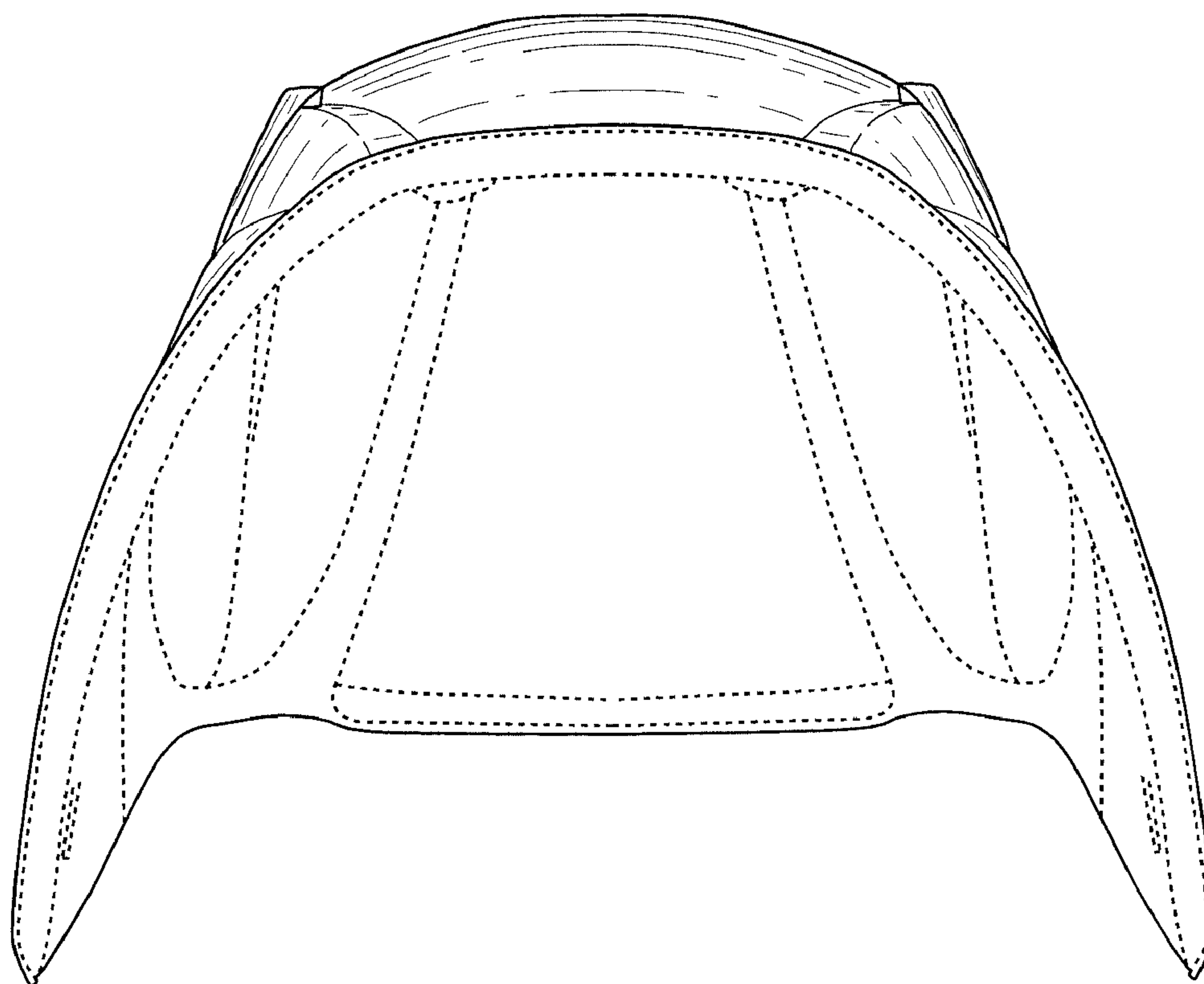
**FIG. 7**



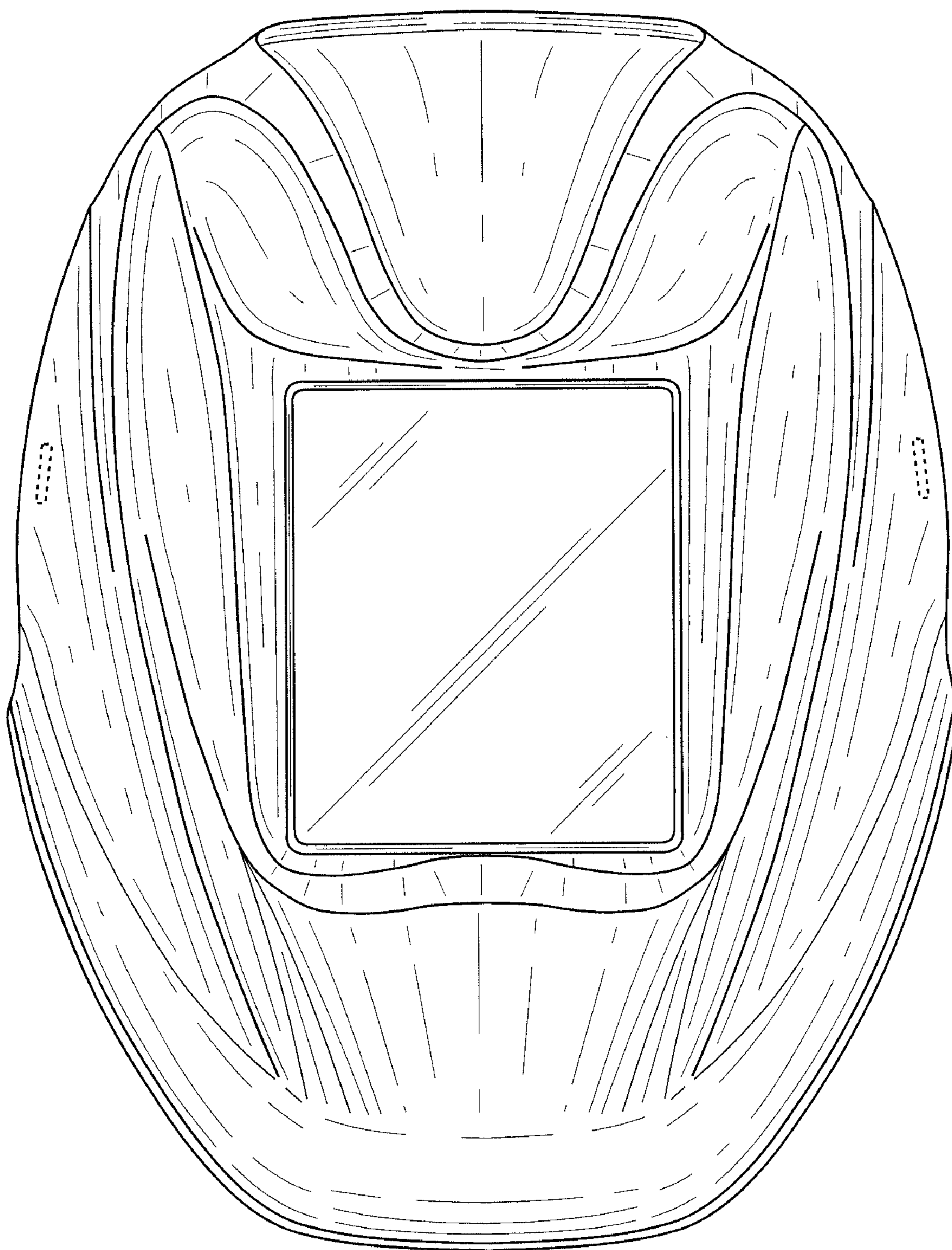
**FIG. 8**



**FIG. 9**

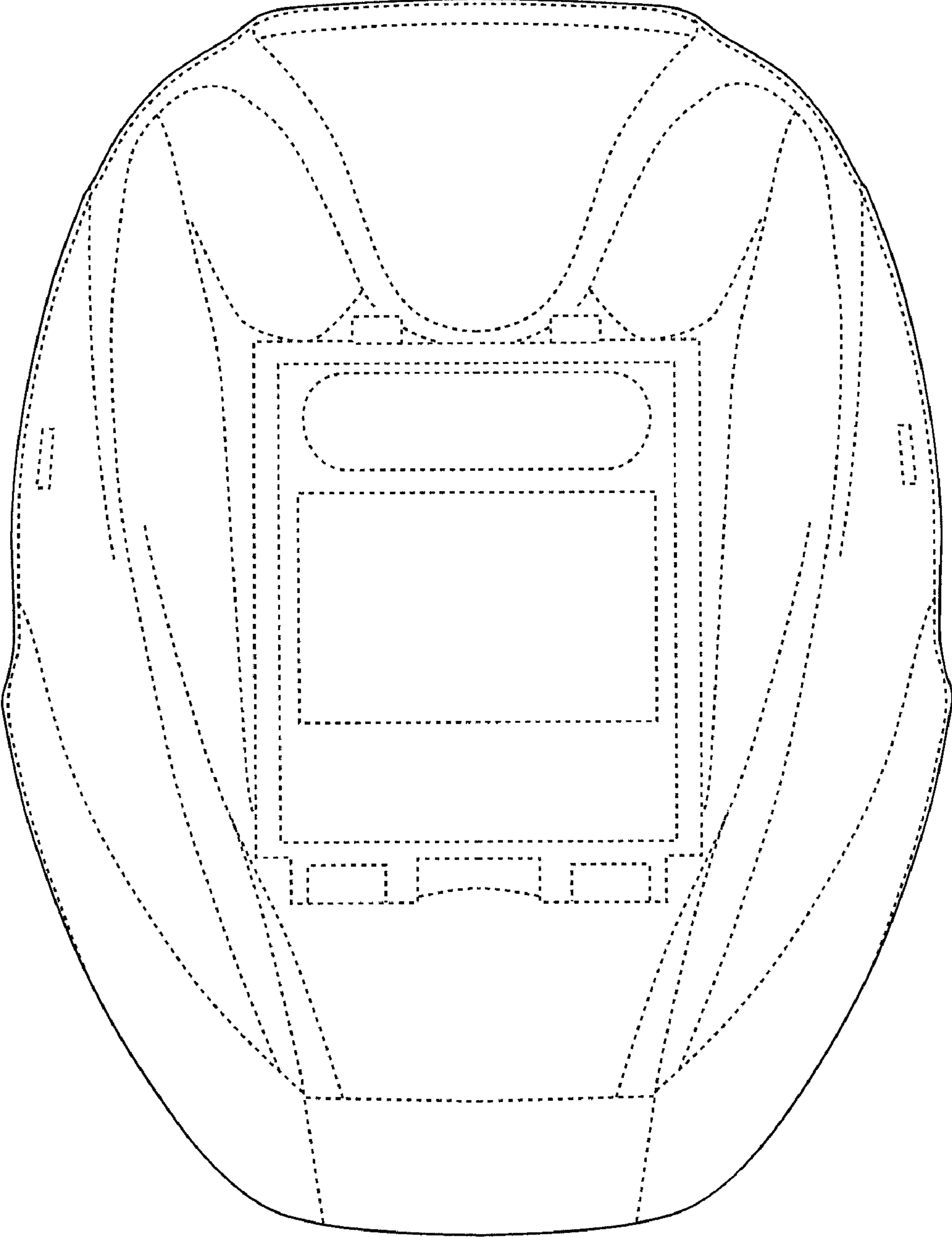


**FIG. 10**

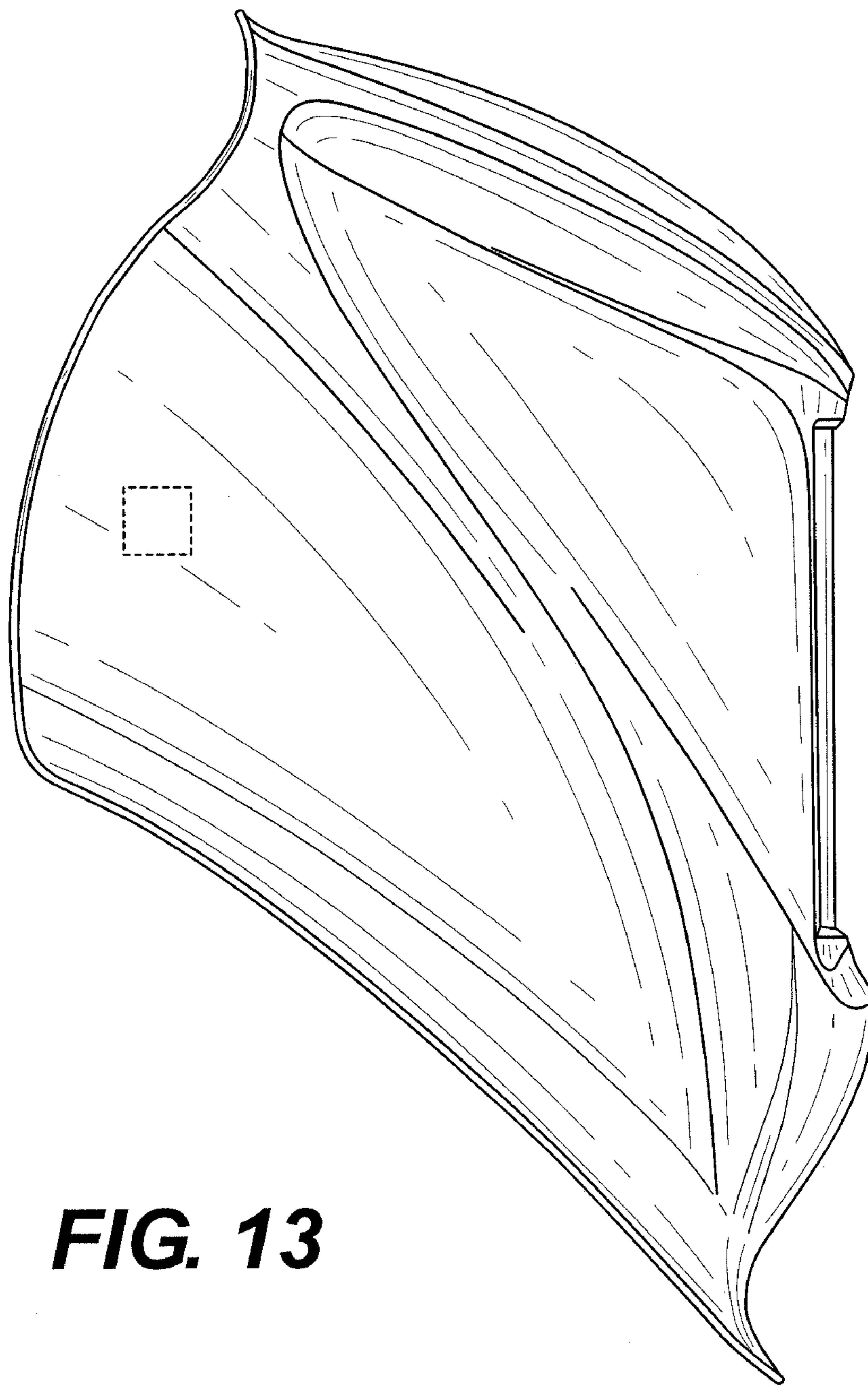


**FIG. 11**

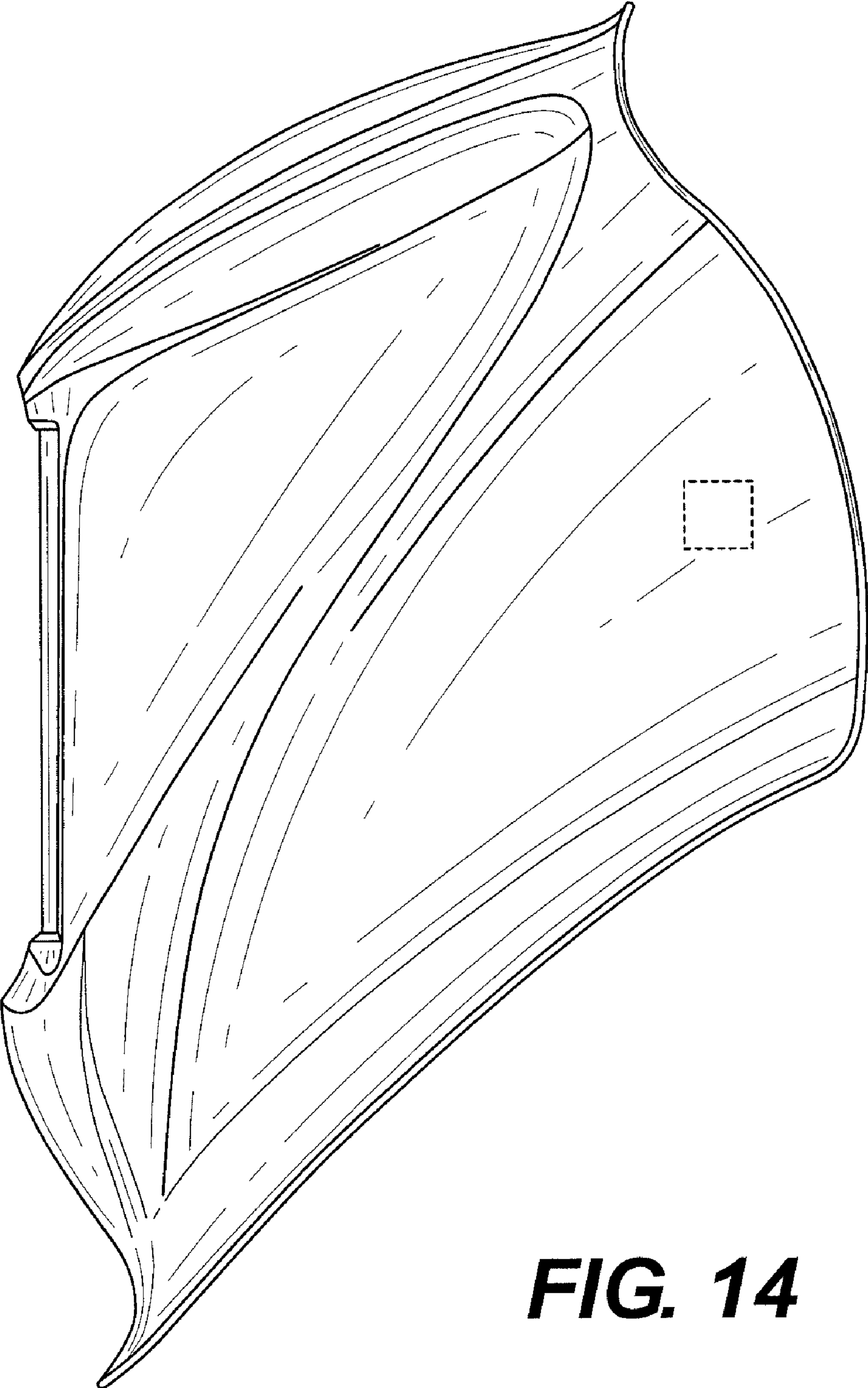




**FIG. 12**



**FIG. 13**



**FIG. 14**