US00D942699S

(12) United States Design Patent

Shelverton

(10) Patent No.: US D942,699 S
(45) Date of Patent: ** Feb. 1, 2022

(54) **HELMET**

(71) Applicant: **ESAB AB**, Gothenburg (SE)

(72) Inventor: **Guy Edward Shelverton**, Essex (GB)

(73) Assignee: **ESAB AB**, Gothenburg (SE)

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

(21) Appl. No.: **29/699,092**

(22) Filed: **Jul. 23, 2019**

(51) **LOC (13) Cl.** **29-02**

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

(58) **Field of Classification Search**
USPC D2/865, 866, 867, 869, 870, 872, 873, D2/874, 878, 886, 887, 888, 891, 892, D2/893; D21/698, 788; D24/108, 110, D24/110.1, 110.2, 110.3, 110.4; D29/100, 102, 103, 104, 105, 106, 107, D29/108, 109, 110, 112, 122; D15/144, D15/144.1, 144.2
CPC A41D 13/00; A41D 13/012; A41D 13/05; A41D 13/11; A41D 13/1107; A41D 13/1138; A41D 13/1161; A41D 13/1176; A42B 1/00; A42B 1/002; A42B 1/0181; A42B 1/0184; A42B 1/02; A42B 3/00; A42B 33/04; A42B 33/0406; A42B 3/06; A42B 3/066; A42B 3/16; A42B 3/18; A42B 3/20; A42B 3/22; A42B 3/221; A42B 3/222; A42B 3/226; A42B 3/227; A42B 3/324; A42B 3/28; A42B 3/32; A42B 3/322; F41H 1/06; F41H 1/08; F41H 1/00; F41H 1/02; F41H 1/04; A61F 9/06; A63B 2243/007
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,874,872 A 8/1932 Bowers
2,016,775 A 10/1935 Gingg
(Continued)

FOREIGN PATENT DOCUMENTS

CN 2098909 U 3/1992
CN 106859847 A 6/2017
(Continued)

OTHER PUBLICATIONS

Canadian Metal Working, "ESAB introduces the Aristo Tech HD welding helmet", first available May 5, 2015. (https://www.canadianmetalworking.com/canadianfabricatingandwelding/product/welding/esab-introduces-the-aristo-tech-hd-welding-helmet) (Year: 2015).*
(Continued)

Primary Examiner — Lauren D McVey
Assistant Examiner — Justin A Johnson
(74) *Attorney, Agent, or Firm* — Edell, Shapiro & Finnan, LLC

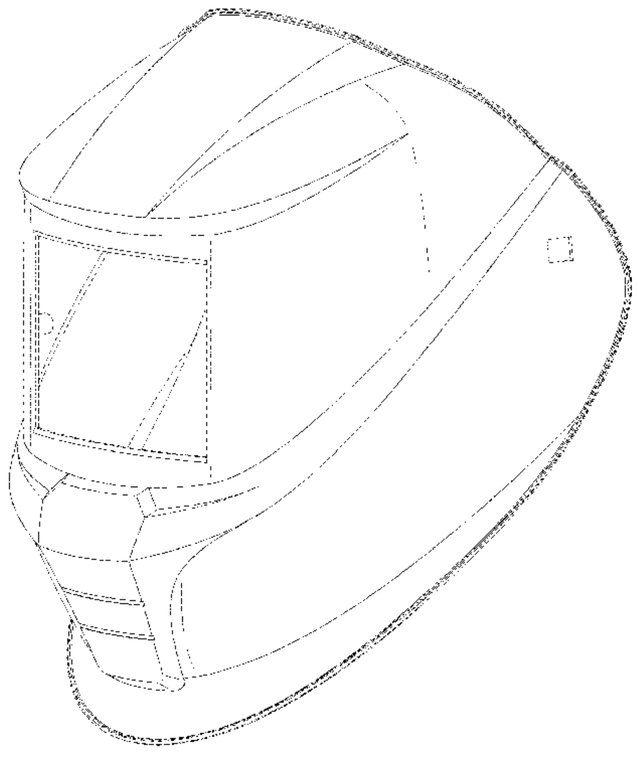
(57) **CLAIM**

I claim the ornamental design for a helmet, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a helmet showing my new design;
FIG. **2** is a rear perspective view of the helmet of FIG. **1**;
FIG. **3** is a front view of the helmet of FIG. **1**;
FIG. **4** is a rear view of the helmet of FIG. **1**;
FIG. **5** is a right side view of the helmet of FIG. **1**;
FIG. **6** is a left side view of the helmet of FIG. **1**;
FIG. **7** is a top view of the helmet of FIG. **1**; and,
FIG. **8** is a bottom view of the helmet of FIG. **1**.
The broken lines immediately adjacent to the claim depict the bounds of the claimed design, while all other broken lines are directed to environment. The broken lines form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2,406,092	A	8/1946	Meyer	
2,469,810	A	5/1949	Evans	
2,725,559	A	12/1955	Wagner	
2,817,087	A	12/1957	Rush	
2,926,357	A	3/1960	Zahnor et al.	
3,026,525	A	3/1962	Julius	
3,369,255	A	2/1968	Victor	
3,609,763	A	10/1971	Raney	
3,668,705	A	6/1972	Garbisch	
3,825,952	A	7/1974	Pershing et al.	
3,868,727	A	3/1975	Paschall	
4,017,906	A	4/1977	Bochynsky	
4,042,976	A	8/1977	Reynolds	
4,422,185	A	12/1983	Cook	
4,523,808	A	6/1985	Miller et al.	
4,853,973	A	8/1989	Boochard	
5,191,468	A	3/1993	Mases	
5,329,641	A	7/1994	Kalhous	
D393,933	S	4/1998	Huh	
D394,732	S	5/1998	Huh	
D398,421	S	9/1998	Crafoord et al.	
6,035,451	A	3/2000	Burns et al.	
6,119,266	A	9/2000	Kennedy et al.	
6,185,739	B1	2/2001	Verkic et al.	
6,289,521	B1	9/2001	Ikeda	
6,298,498	B1	10/2001	Burns et al.	
6,591,424	B1	7/2003	Wang-Lee	
D489,492	S *	5/2004	Wu	D29/110
6,874,170	B1	4/2005	Aaron	
D517,744	S	3/2006	Lee et al.	
D517,745	S	3/2006	Lee et al.	
D526,097	S	8/2006	Lilenthal et al.	
7,093,302	B1	8/2006	Burns	
D527,849	S *	9/2006	Huh	D29/110
D532,163	S	11/2006	Curran et al.	
D532,560	S	11/2006	Fredriksson et al.	
D533,313	S	12/2006	Mases et al.	
D539,988	S	4/2007	Crafoord et al.	
D584,003	S	12/2008	Juhlin	
D584,006	S	12/2008	Juhlin	
D592,811	S	5/2009	Juhlin	
D635,721	S	4/2011	Cheng	
8,056,152	B2	11/2011	Brace	
D654,224	S	2/2012	Wu	
D667,591	S	9/2012	Juhlin et al.	
D674,150	S	1/2013	Juhlin et al.	
D675,789	S	2/2013	Wanhainen	
8,381,312	B2	2/2013	Seo	
8,955,162	B2	2/2015	Huh	
8,959,662	B2	2/2015	Huh	
8,990,963	B2	3/2015	Matthews et al.	
D732,746	S *	6/2015	Wu	D29/110
D734,559	S	7/2015	Noordzij et al.	
D765,919	S	9/2016	Croll	
D769,535	S	10/2016	Patel et al.	
D769,542	S	10/2016	Patel et al.	
9,596,902	B2	3/2017	Daniels et al.	
9,610,198	B2	4/2017	Hofer-Kraner et al.	
9,629,752	B1	4/2017	Graham	
D788,990	S *	6/2017	Johnson	D29/110
D793,007	S	7/2017	Yang	
D793,008	S *	7/2017	Yang	D29/110
D793,626	S *	8/2017	Yang	D29/110
9,889,045	B2	2/2018	Matthews et al.	
D830,003	S	10/2018	Wu	
D834,759	S	11/2018	Berggren et al.	
D857,304	S *	8/2019	Yang	D29/110
D858,000	S *	8/2019	Zartler	D29/110
D877,421	S *	3/2020	Francis	D29/110
D885,678	S *	5/2020	Jia	D29/110
D901,782	S *	11/2020	Bastman	A42B 3/222 D29/110
2004/0117888	A1	6/2004	Wang-Lee	
2004/0179149	A1	9/2004	Wang-Lee	
2007/0056073	A1	3/2007	Martin et al.	
2007/0089216	A1	4/2007	Walkden	
2009/0235420	A1	9/2009	Chiang	
2010/0107318	A1	5/2010	Asta	
2010/0212058	A1	8/2010	Wanhainen	
2011/0023205	A1	2/2011	Braendle	
2011/0030114	A1	2/2011	Merikoski et al.	
2011/0247119	A1	10/2011	Cheng	
2011/0259186	A1	10/2011	Rensink	
2012/0216340	A1	5/2012	Asta	
2014/0013479	A1	1/2014	Magnusson et al.	
2014/0298557	A1	10/2014	Townsend et al.	
2015/0074877	A1	3/2015	Huh	
2015/0135389	A1	5/2015	Yang	
2015/0196081	A1	7/2015	Handfield et al.	
2015/0359679	A1	12/2015	Sommers et al.	
2016/0022496	A1	1/2016	DeKeuster et al.	
2016/0058080	A1	3/2016	Pearce	
2017/0065016	A1	3/2017	Chuback et al.	
2017/0112226	A1	4/2017	Watkins et al.	
2017/0367891	A1	12/2017	Magnusson et al.	
2018/0280197	A1	10/2018	Patel et al.	
2018/0290226	A1	10/2018	Huh	
2020/0205507	A1 *	7/2020	Sernfalt	A42B 3/222
2020/0297060	A1 *	9/2020	Berggren	A42B 3/225

FOREIGN PATENT DOCUMENTS

GB	1526574	A	9/1978
KR	101376630	B1	3/2014
WO	199314723	A1	8/1993

OTHER PUBLICATIONS

Amazon, "ESAB 0700000480 Black Savage A40 Welding Helmet", first available Jan. 31, 2017. (https://www.amazon.com/ESAB-0700000480-Savage-Welding-Helmet/dp/B084G8XYB7/) (Year: 2017).*

Amazon, "Lincoln Electric K3419-1 Glossy VAR 7-13 W/Grind ADF Helmet", first available Mar. 28, 2018. (https://www.amazon.com/Lincoln-Electric-K3419-1-Capacity-Polycarbonate/dp/B07BKJDZ2M/ref=psdc_3753561_t2_B084G8XYB7) (Year: 2018).*

Amazon, "YESWELDER Large Viewing True Color Solar Powered Auto Darkening Welding Helmet", first available Aug. 14, 2019. (https://www.amazon.com/YESWELDER-Viewing-Powered-Darkening-Grinding/dp/B07PLZ8M33/) (Year: 2019).*

3M Speedglas 9100 Welding Helmet, Optimum Comfort and Protection Brochure, St. Paul, MN, 3M 2008.

International Search Report and Written Opinion from PCT/IB2017/056447 dated Jan. 15, 2018.

* cited by examiner

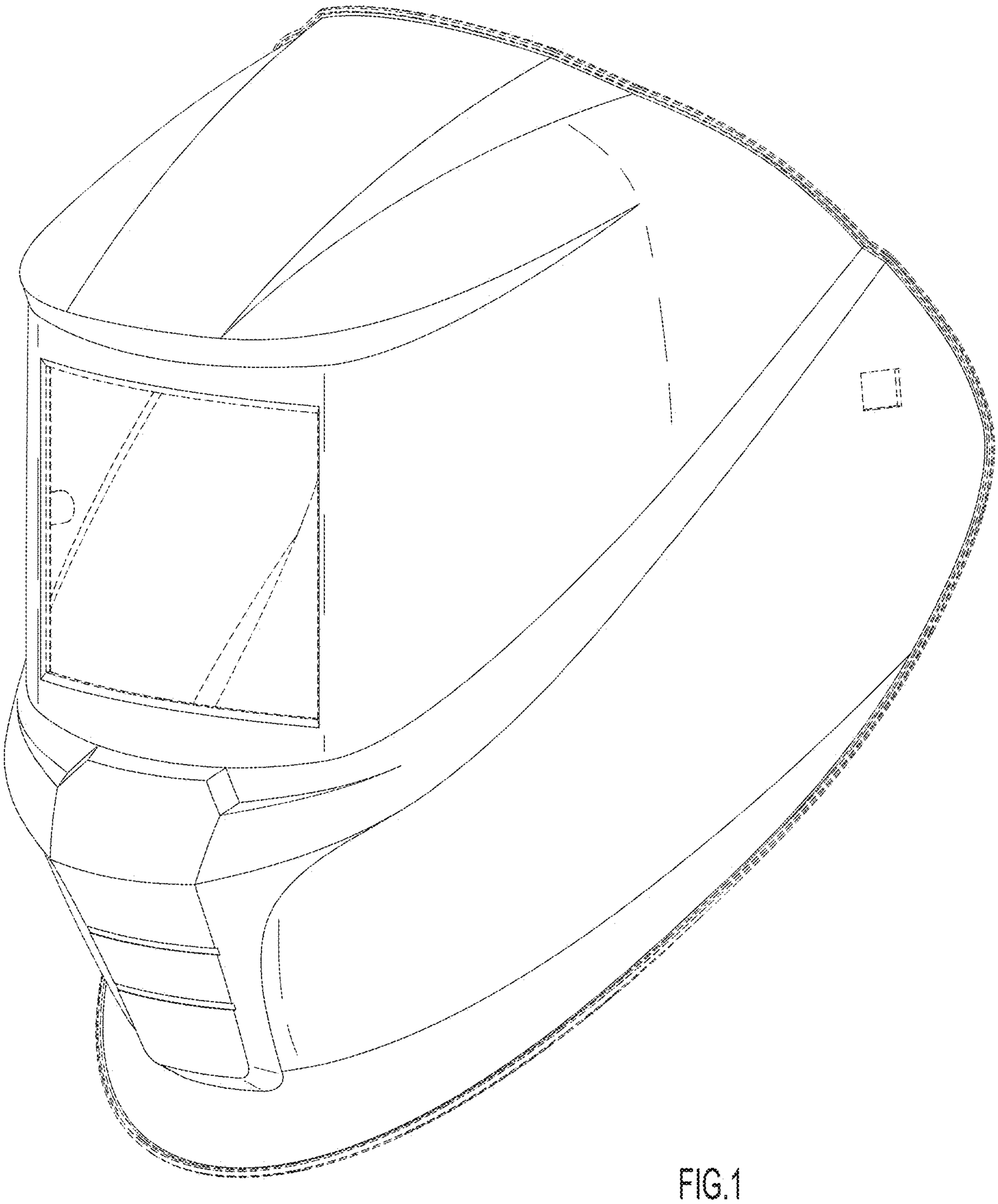


FIG.1

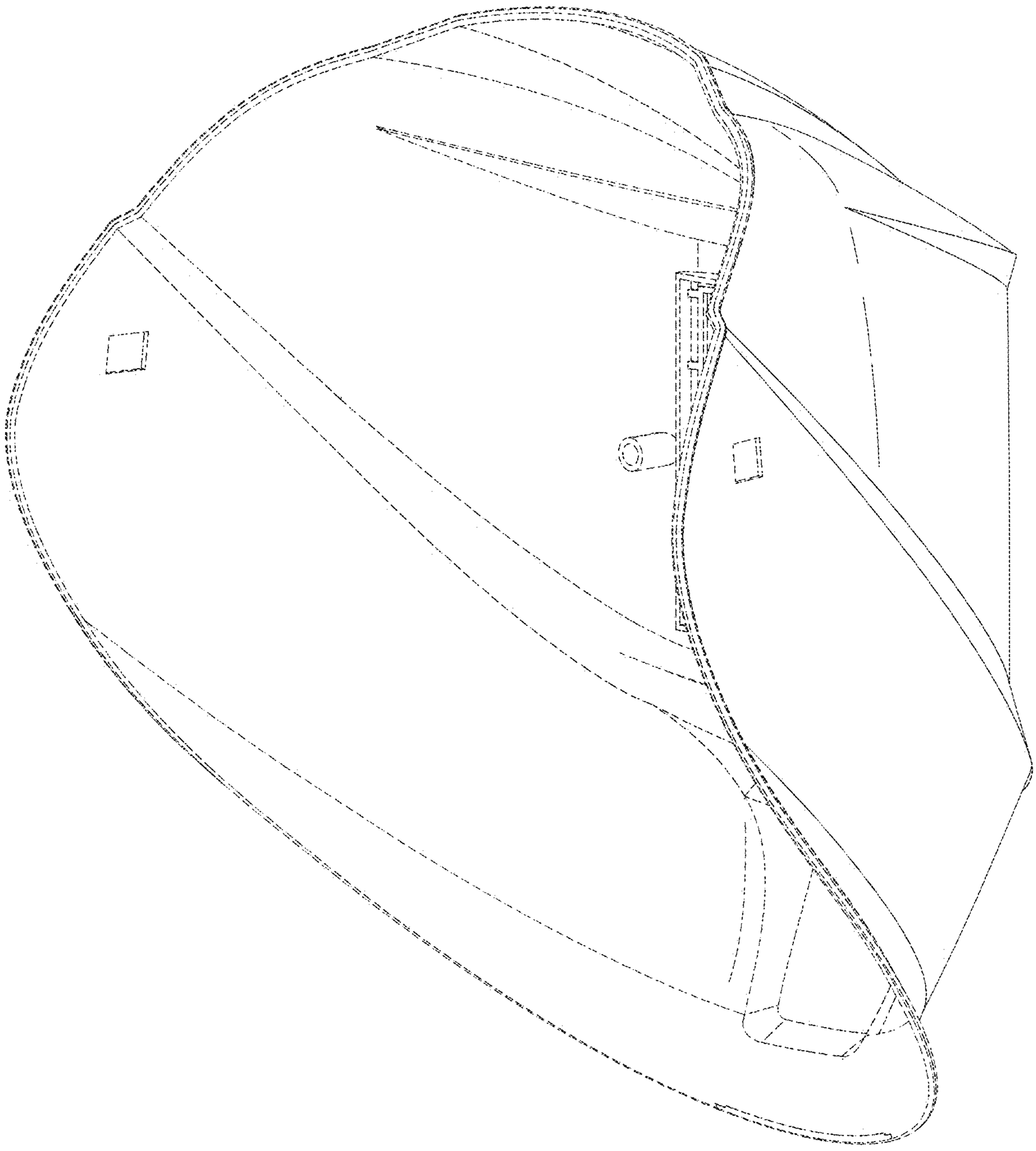


FIG.2

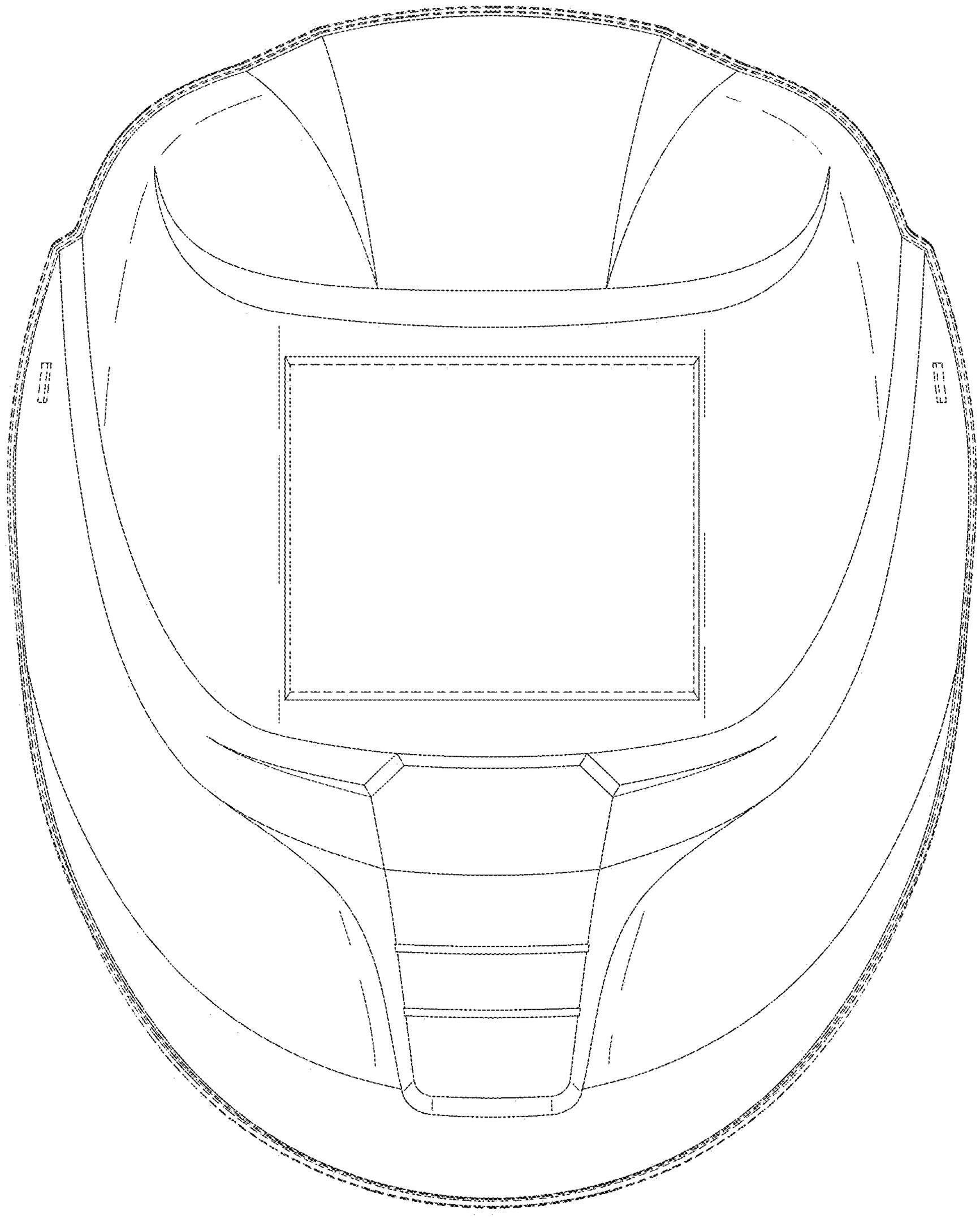


FIG.3

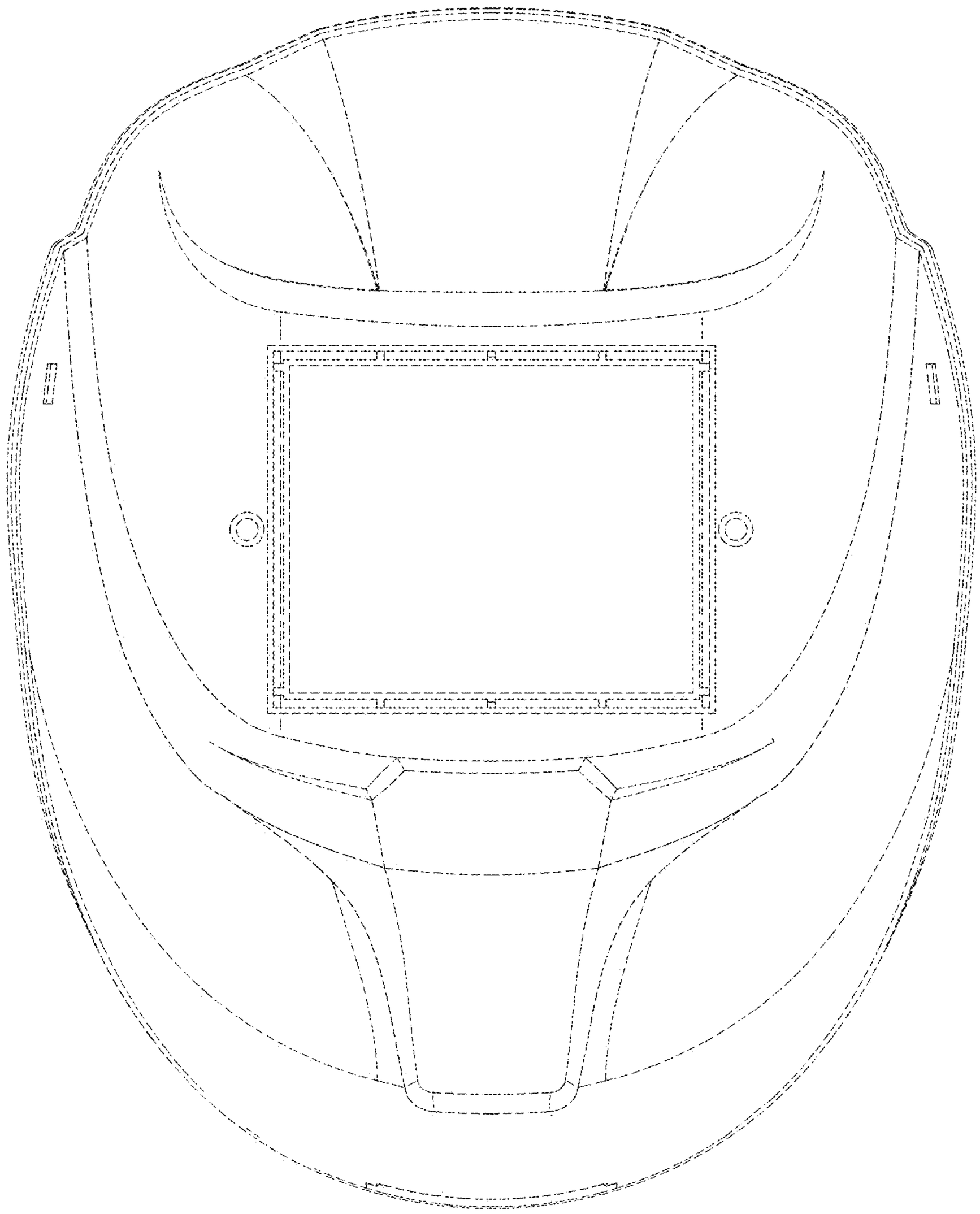


FIG.4

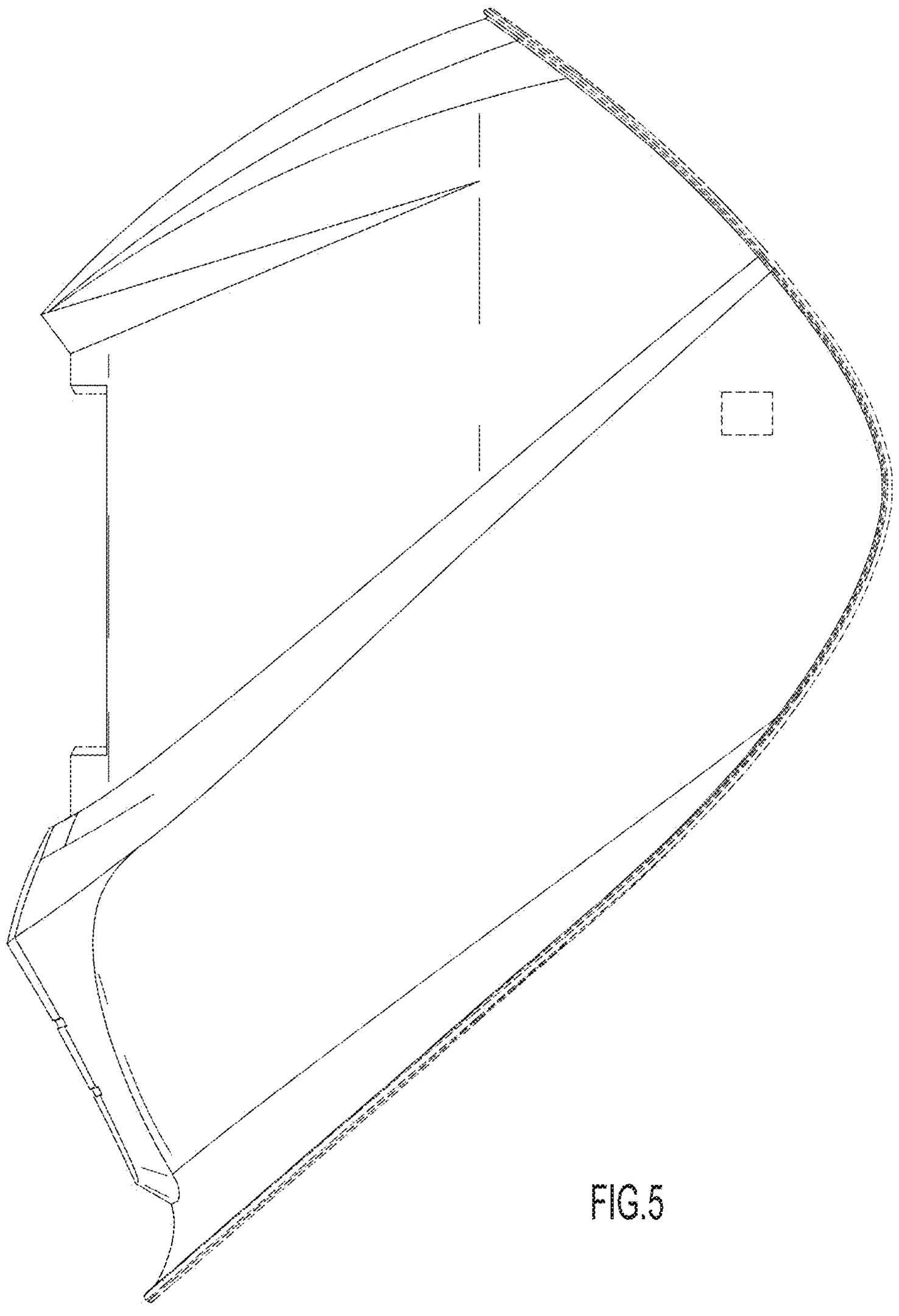


FIG.5

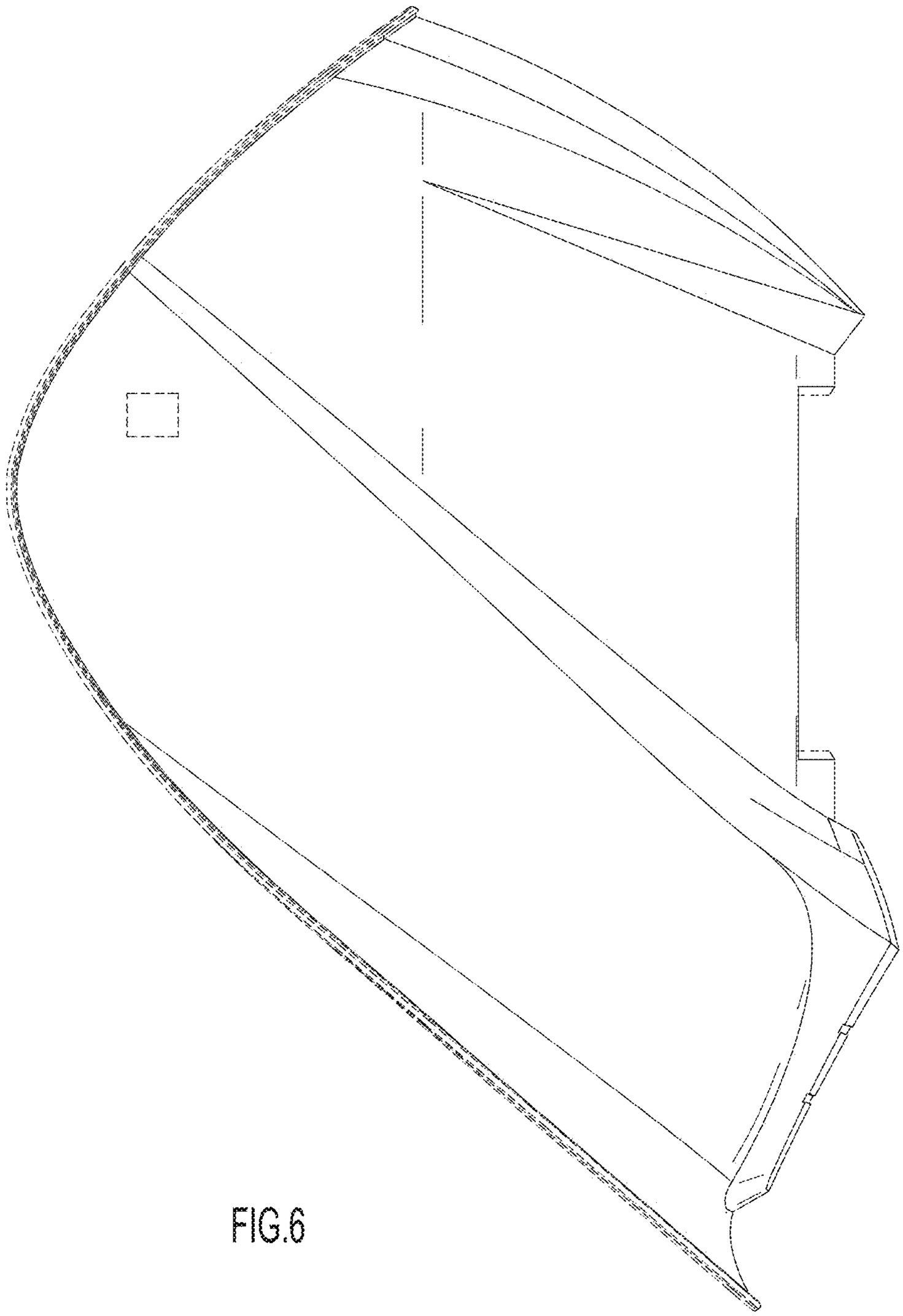


FIG.6

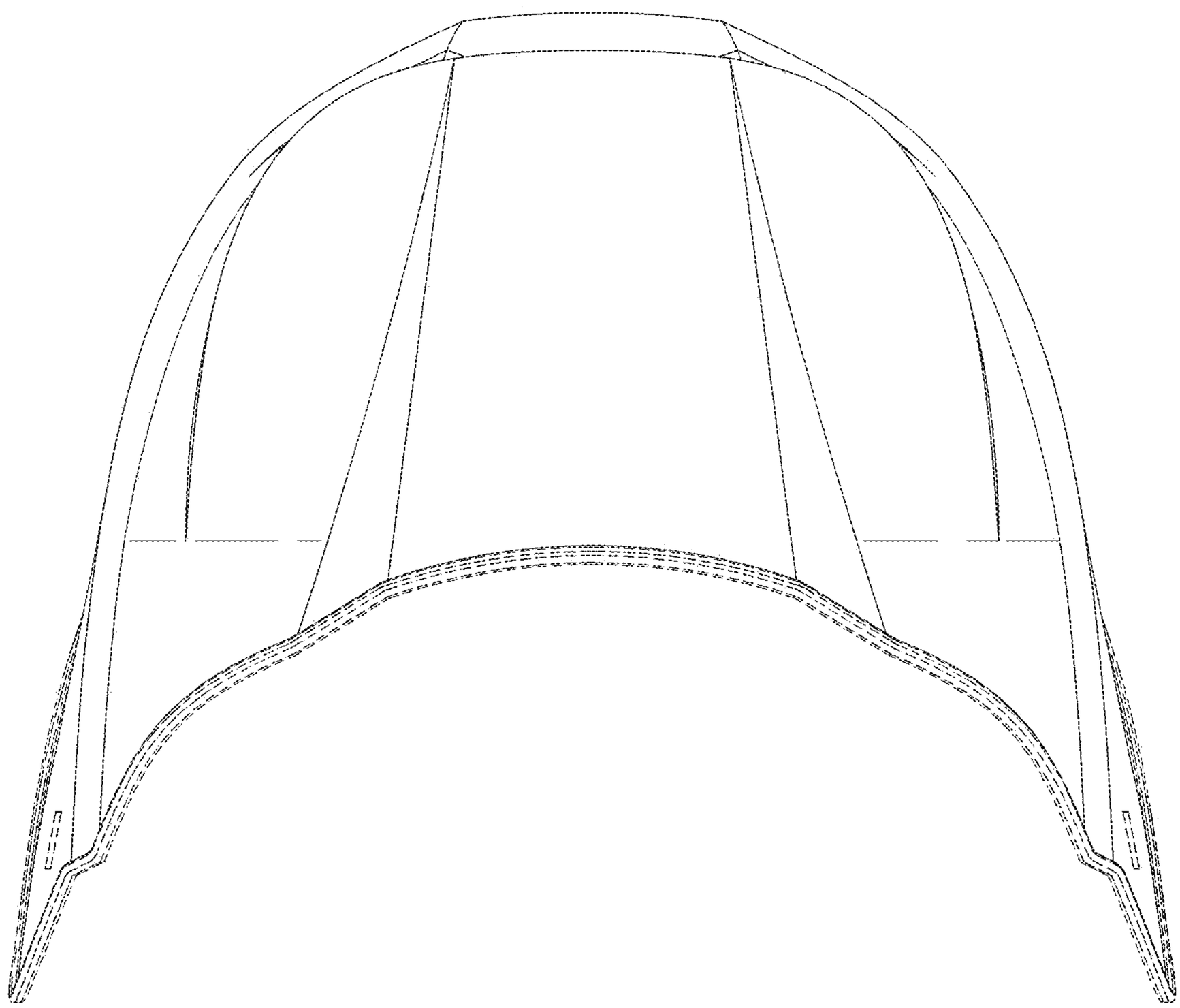


FIG.7

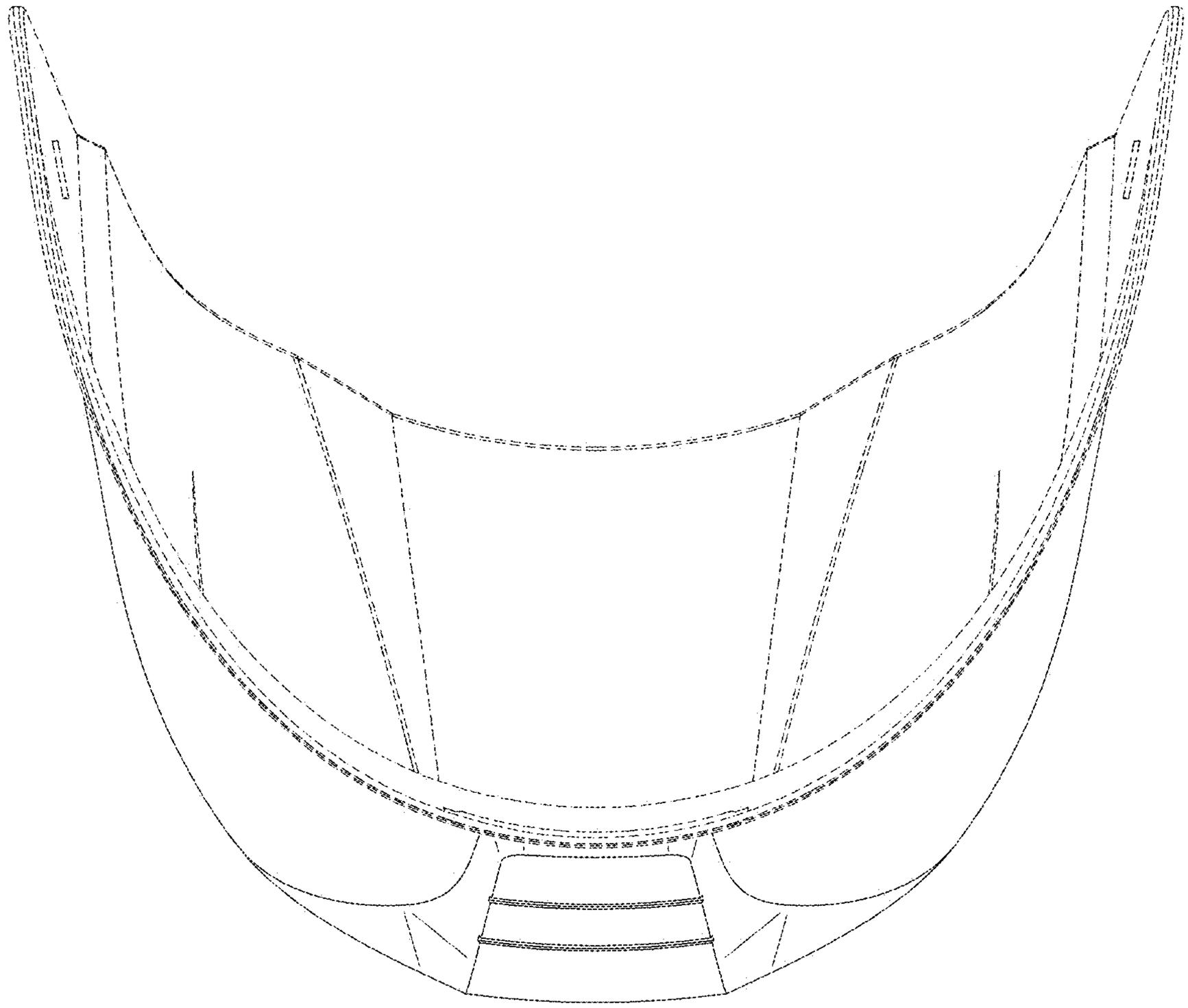


FIG.8