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

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(54) **VEHICLE FRONT BUMPER**

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(52) **U.S. Cl.**
USPC **D12/169**

(58) **Field of Classification Search**

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D12/163, 164, 165, 166, 167, 169, 170,
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D12/192, 196, 216, 223, 400; D21/533,
D21/548, 552, 561

CPC B60R 19/00; B60R 19/02; B60R 19/04;
B60R 19/16; B60R 19/18; B60R 19/24;
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B60R 19/52; B60R 19/56; B60R
2019/007; B60R 2019/522; B60R
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B62D 25/08; B62D 25/16

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D520,417 S *	5/2006	Yagi	.....	D12/169
D583,727 S *	12/2008	Sonoda	.....	D12/169
D609,613 S *	2/2010	Okue	.....	D12/169
D619,514 S *	7/2010	Syouji	.....	D12/169
D619,515 S *	7/2010	Matsumoto	.....	D12/169
D625,230 S *	10/2010	Hirai	.....	D12/169
D630,978 S *	1/2011	Koshino	.....	D12/169
D640,614 S *	6/2011	Kumai	.....	D12/169
D659,611 S *	5/2012	Kobayashi	.....	D12/169
D665,711 S *	8/2012	Matsuno	.....	D12/169
D671,053 S *	11/2012	Yamada	.....	D12/169
D680,472 S *	4/2013	Kido	.....	D12/163
D695,163 S *	12/2013	Scheinutte	.....	D12/169
D695,654 S *	12/2013	Kobayashi	.....	D12/169

D696,167 S *	12/2013	Ito	.....	D12/169
D721,021 S *	1/2015	Hanaoka	.....	D12/169
D748,542 S *	2/2016	Horiuchi	.....	D12/169
D800,035 S *	10/2017	Takamatsu	.....	D12/169
D803,112 S *	11/2017	Tomita	.....	D12/169
D829,616 S *	10/2018	Fuchino	.....	D12/169
D829,617 S *	10/2018	Takamatsu	.....	D12/169

(Continued)

OTHER PUBLICATIONS

Caruse Design, Published Sep. 26, 2020 [online], [retrieved on Aug. 11, 2021]. Retrieved from the Internet: <https://www.facebook.com/CaruseDesign/photos/a.2806672702742895/3353432214733605/?type=3&eid=>

ARDHBz9u9oypas2aAAMCeYW0Mw1QrGWootiizgnZzhiFQH1-uvUSpgWqqcFerJWhw6hJjYfNaTgvqlfZ&_xts_[0]=68.ARDSvDv oWpdQya2EchiJrqJUiu5CmvGPwxHzvm4IOc9DYtowHB2S-4BYA9 HCF47xfajA5569j9OJxulkf4JiLejhA0hvx5qzvPbu3Rllz_L8tDIHvXtTKO95G3PboMt9Cb-P3aqzoeuvsdDLJF9ITzc0Zw1NYQIuau_KSxy0WK9xnNvG0KV1kwTU64XXvJSKW2k4gfldPMZW_VBeKlg5_s-VWmnRkujuG4MqjGvGO3hV0beRoTfGGUAKqiDH QBUvE0x3OEiBxExVfAPW4JWq2JXEGfdw4eUkuqN76xff_MMbFxcH-euToM (Year: 2020).*

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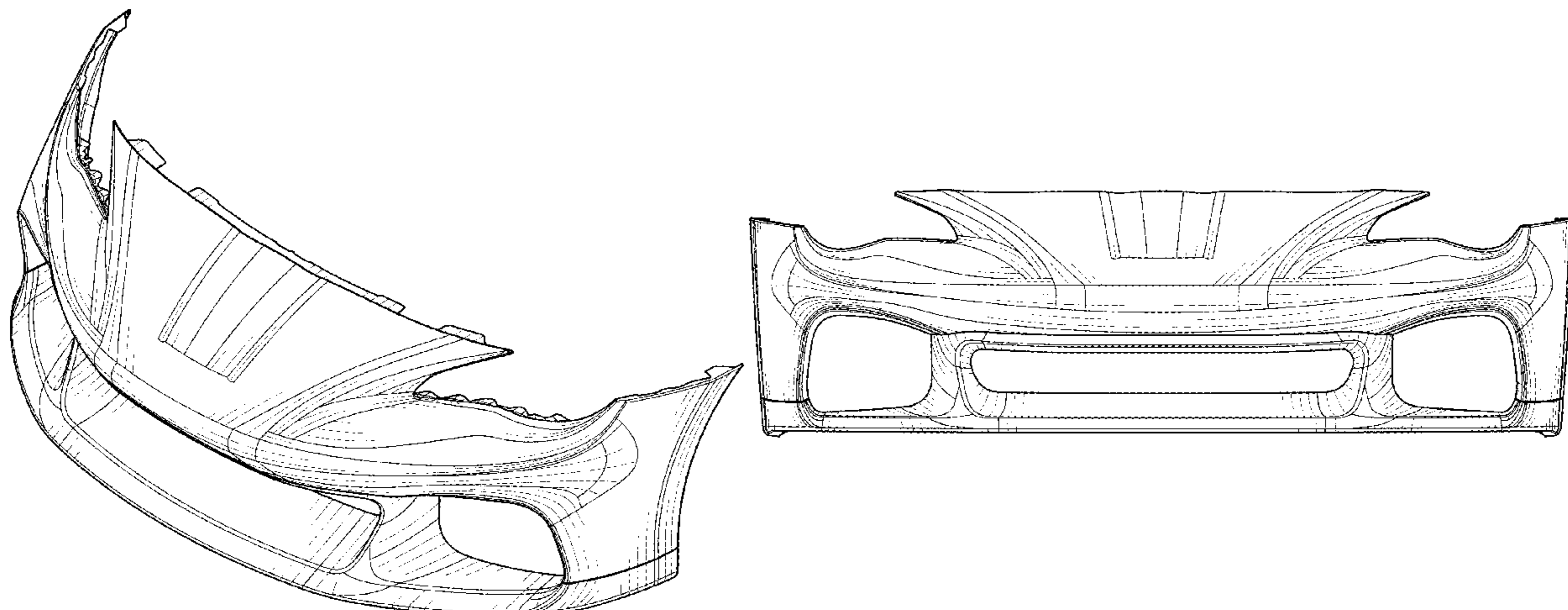
(57) **CLAIM**

The ornamental design for a vehicle front bumper, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a vehicle front bumper showing my design;
FIG. 2 is a front elevation view of FIG. 1;
FIG. 3 is a rear elevation view of FIG. 1;
FIG. 4 is a left side view of FIG. 1;
FIG. 5 is a right side view of FIG. 1;
FIG. 6 is a top plan view of FIG. 1; and,
FIG. 7 is a bottom view of FIG. 1.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D829,618 S	*	10/2018	Kamahara	D12/169
D830,250 S	*	10/2018	Tomita	D12/169
D857,570 S	*	8/2019	Chung	D12/169
D861,554 S	*	10/2019	Schmolz	D12/169
D864,056 S	*	10/2019	Morikawa	D12/169
D921,545 S	*	6/2021	Fuchino	D12/169

* cited by examiner

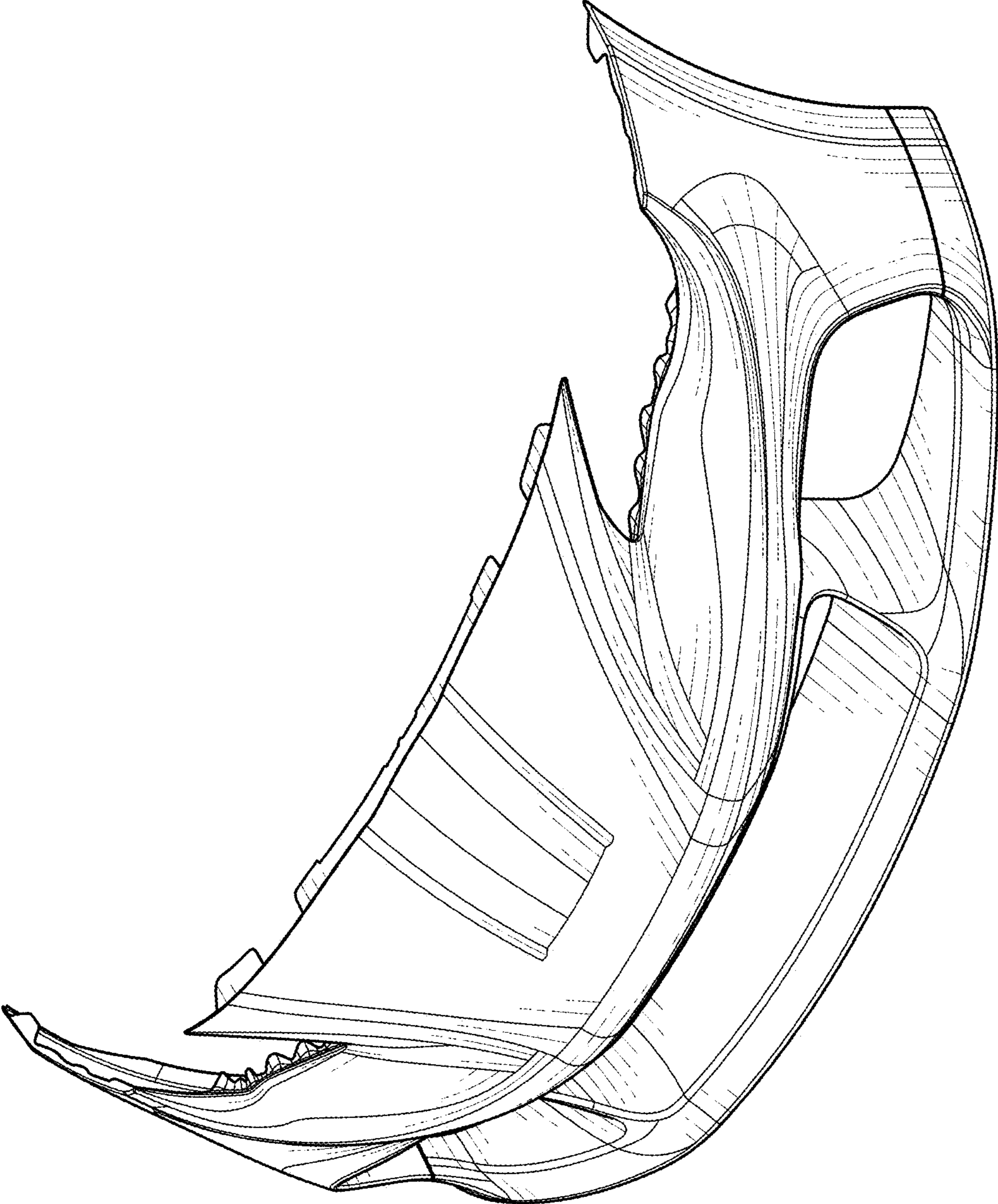


Fig.1

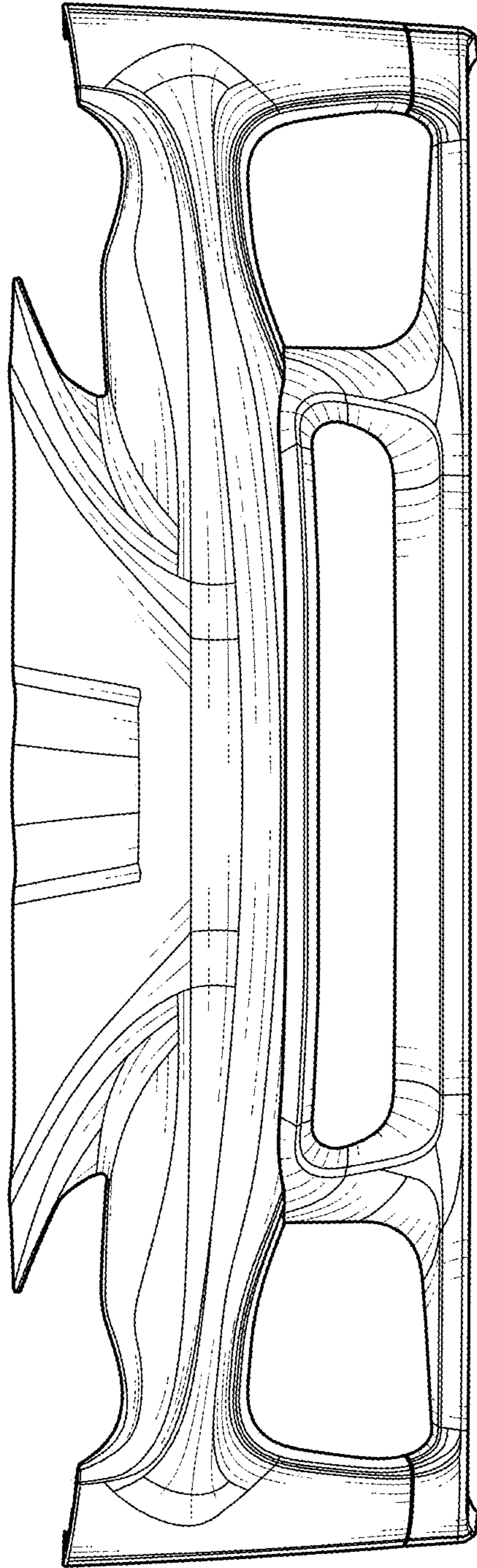


Fig.2

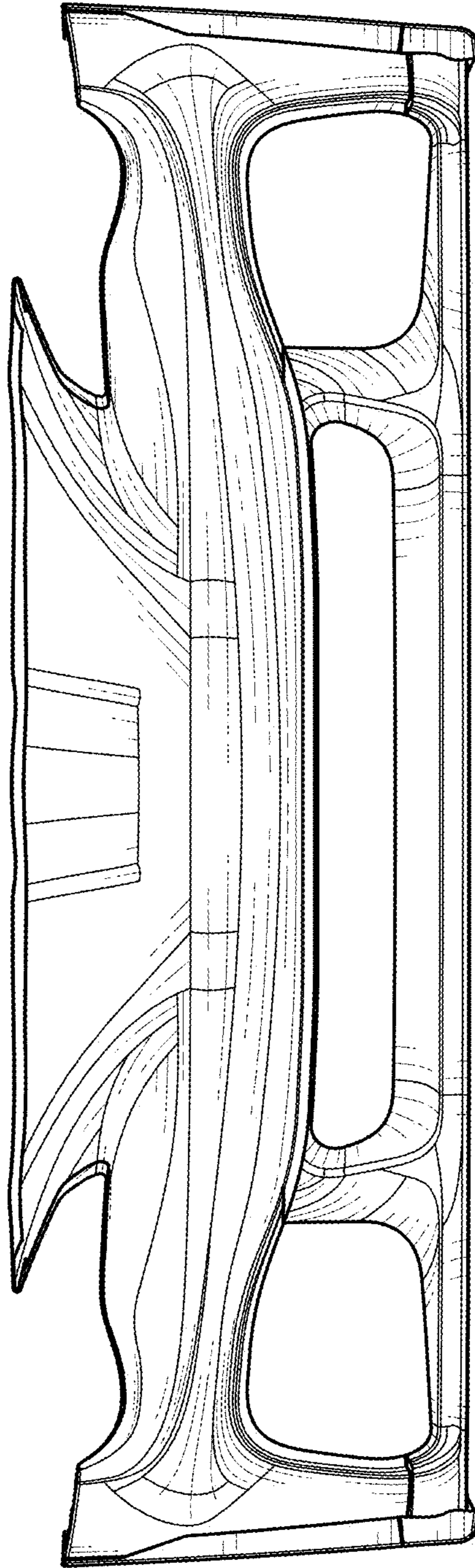


Fig.3

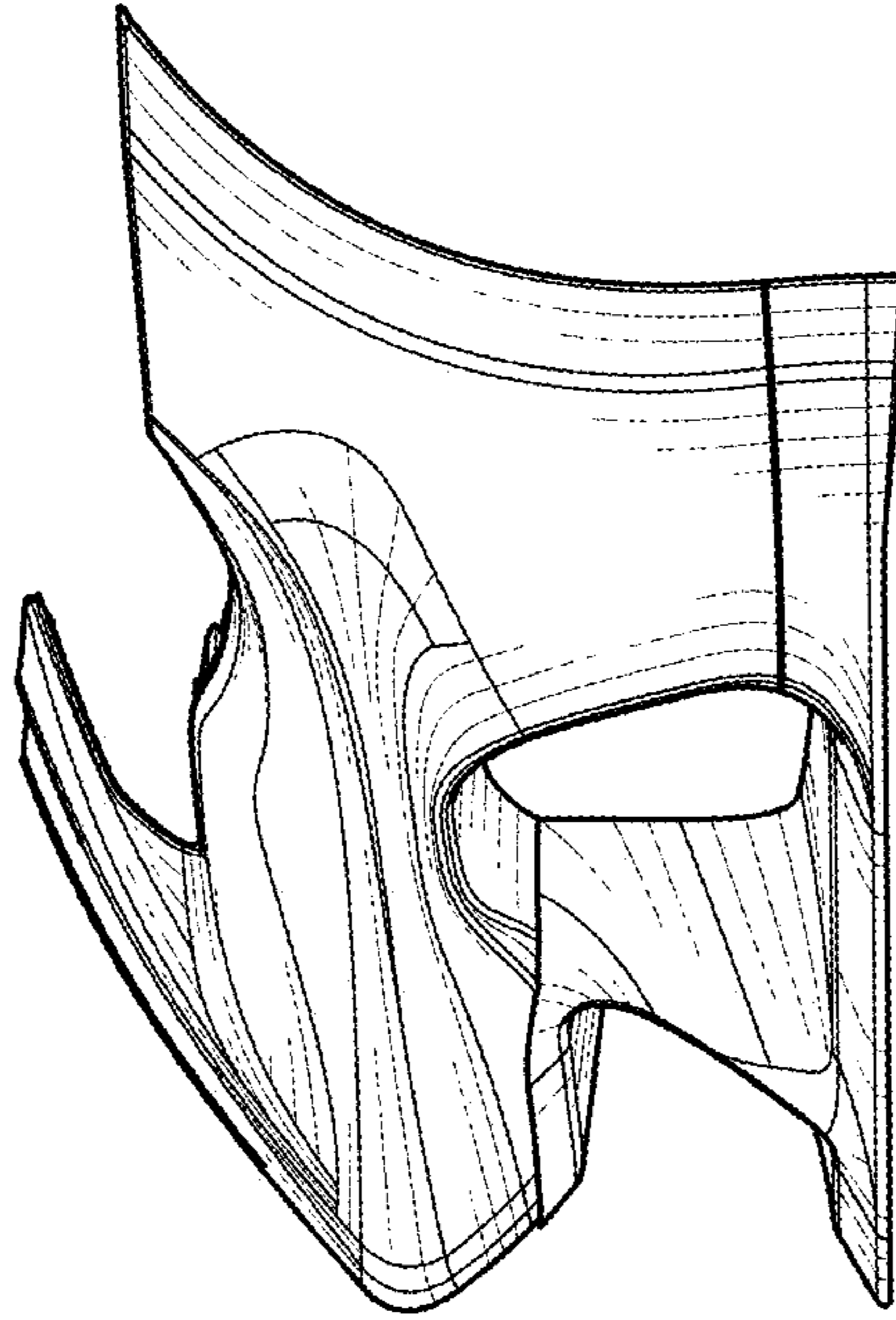


Fig.5

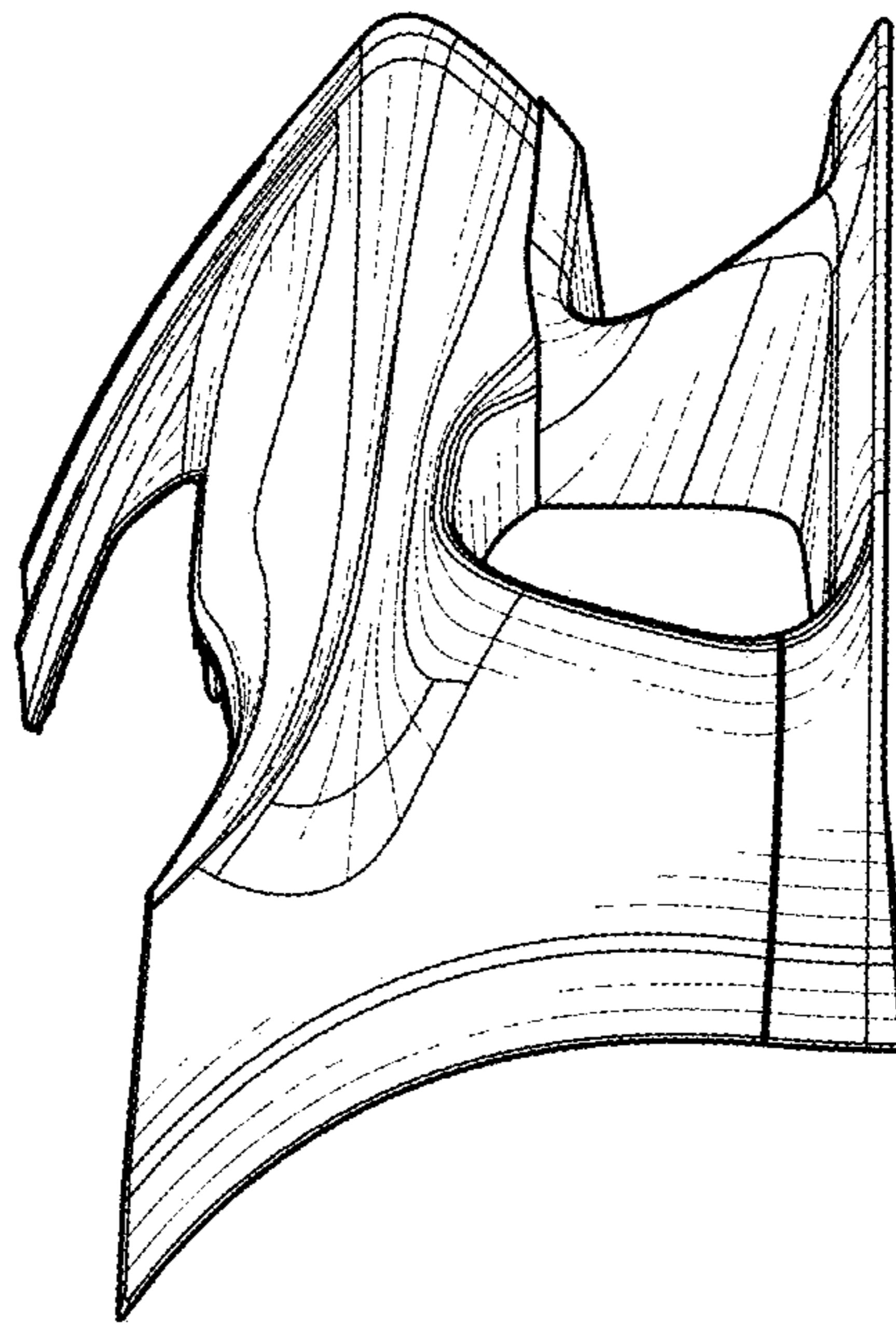


Fig.4

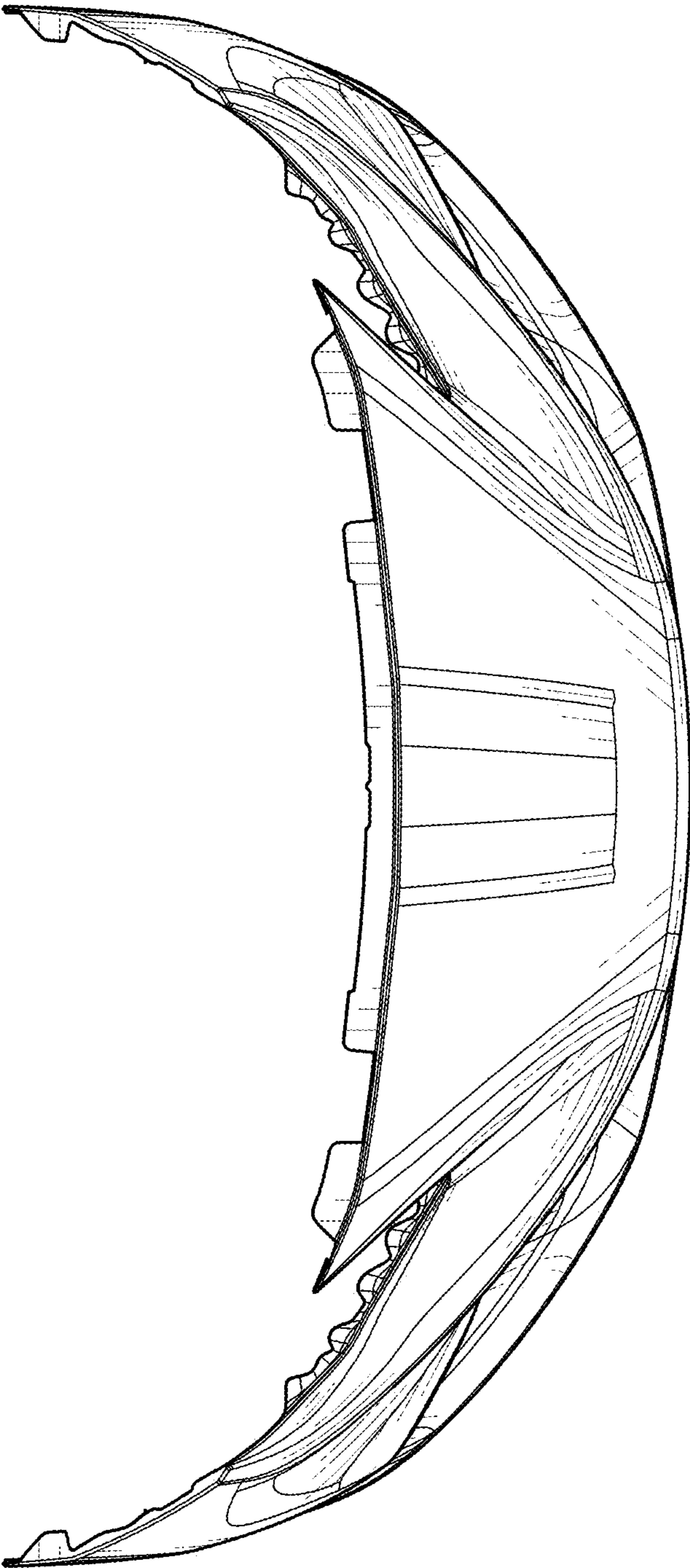


Fig.6

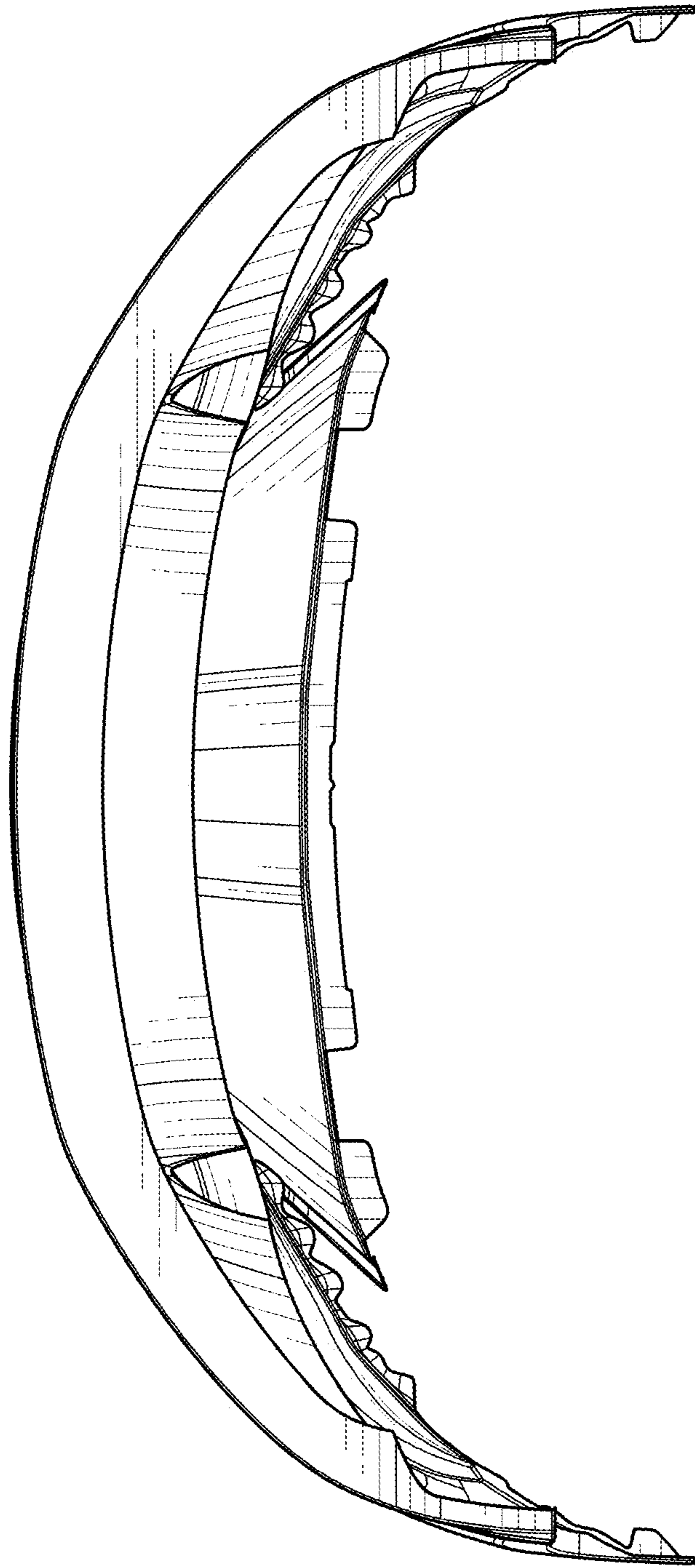


Fig. 7