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

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(54) **AUTOMOBILE FRONT BUMPER SPOILER**
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(52) **U.S. Cl.**
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B60R 19/48; B60R 19/56; B60R
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25/0845

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D291,680 S * 9/1987 Everts D12/170
D491,851 S * 6/2004 Perfetti D12/181
D607,384 S * 1/2010 Krauss D12/181
7,661,753 B2 * 2/2010 Shinedling B62D 35/005
296/180.5
D654,840 S * 2/2012 Barnaba D12/190
8,210,600 B1 * 7/2012 Verhee B62D 35/005
296/180.1
D678,143 S * 3/2013 Behmer D12/169
D683,669 S * 6/2013 Giachin D12/169
D683,672 S * 6/2013 Platto D12/169
D699,168 S * 2/2014 Osborne D12/169
D721,623 S * 1/2015 Platto D12/169

D739,321 S * 9/2015 Blanski D12/169
D744,915 S * 12/2015 Curic D12/169
D744,916 S * 12/2015 Curic D12/169
D744,922 S * 12/2015 Jamieson D12/196
D749,470 S * 2/2016 Behmer D12/169
D762,147 S * 7/2016 Messale D12/169
D771,536 S * 11/2016 Wolff D12/169
D774,428 S * 12/2016 Davidson D12/169
D787,386 S * 5/2017 Chang D12/169
9,643,665 B2 * 5/2017 Hommes B62D 35/00
D788,658 S * 6/2017 Chang D12/169
D797,619 S * 9/2017 Jung D12/169
D803,111 S * 11/2017 Jang D12/169
D813,746 S * 3/2018 Behmer D12/169
D813,747 S * 3/2018 Behmer D12/169
D826,112 S * 8/2018 DiCanzio D12/169
D833,926 S * 11/2018 Waterhouse D12/169
D847,706 S * 5/2019 Von Holzhausen D12/169
D850,992 S * 6/2019 Bucher D12/169
D850,998 S * 6/2019 Woodhouse D12/169
D856,866 S * 8/2019 Lucas D12/169
D856,868 S * 8/2019 Dewitt D12/169
D861,553 S * 10/2019 Woodhouse D12/169

(Continued)

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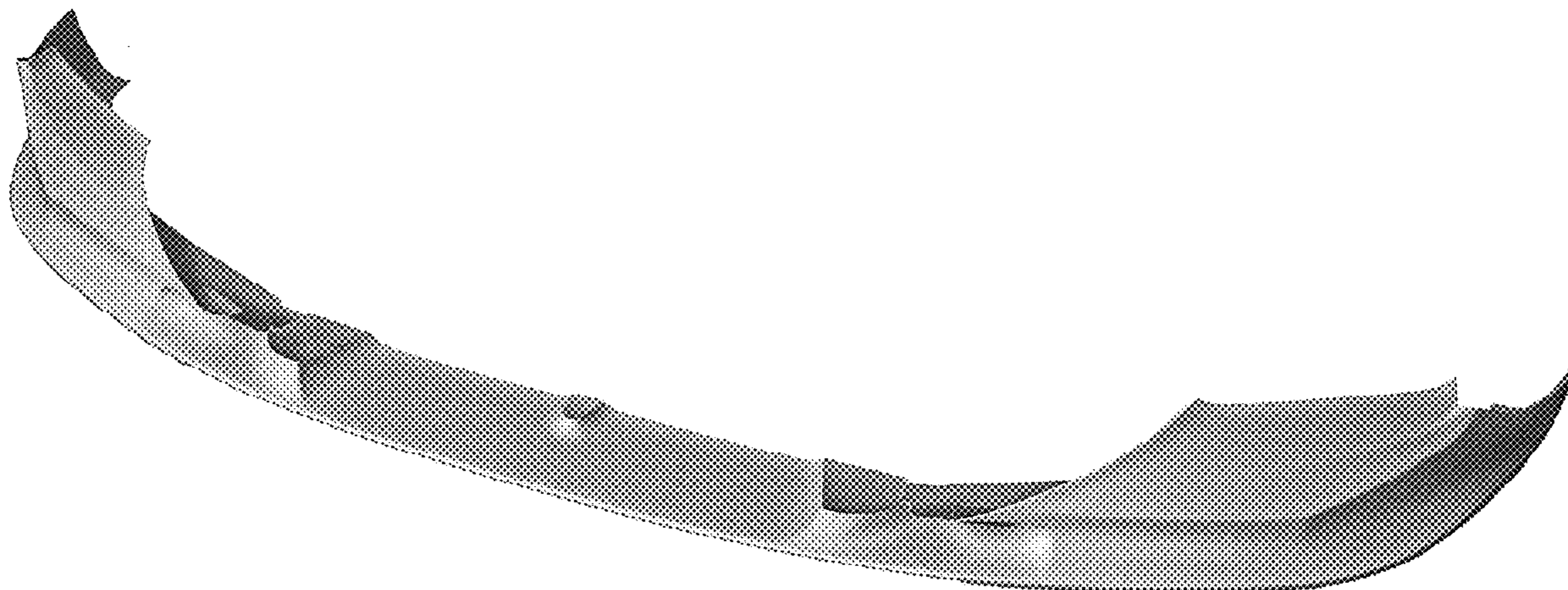
(57) **CLAIM**

The ornamental design for an automobile front bumper spoiler, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an automobile front bumper spoiler showing my new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a bottom plan view thereof;
FIG. 4 is a front elevational view thereof;
FIG. 5 is a rear elevational view thereof; and,
FIG. 6 is a right side elevational view thereof, a left side elevational view thereof being a mirror image.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D863,148 S * 10/2019 Woodhouse D12/169
D863,149 S * 10/2019 Luke D12/169
D864,805 S * 10/2019 Owens D12/169

* cited by examiner

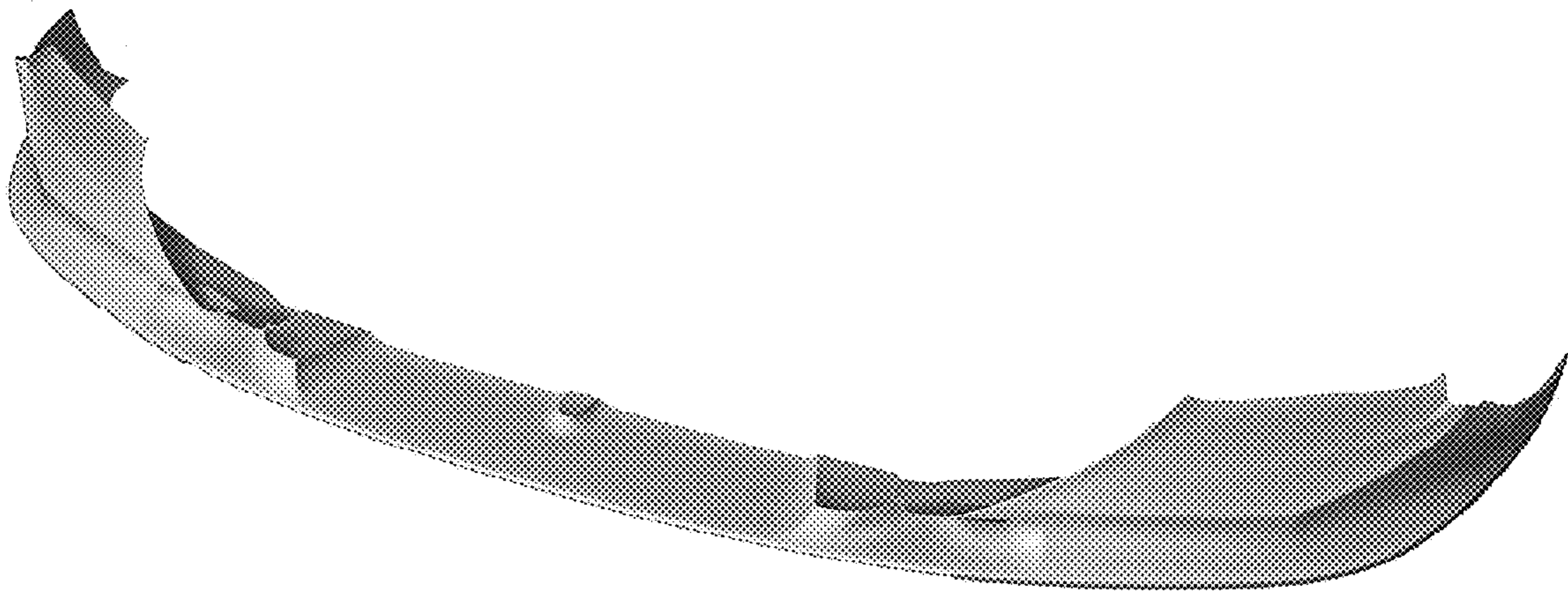


FIG.1

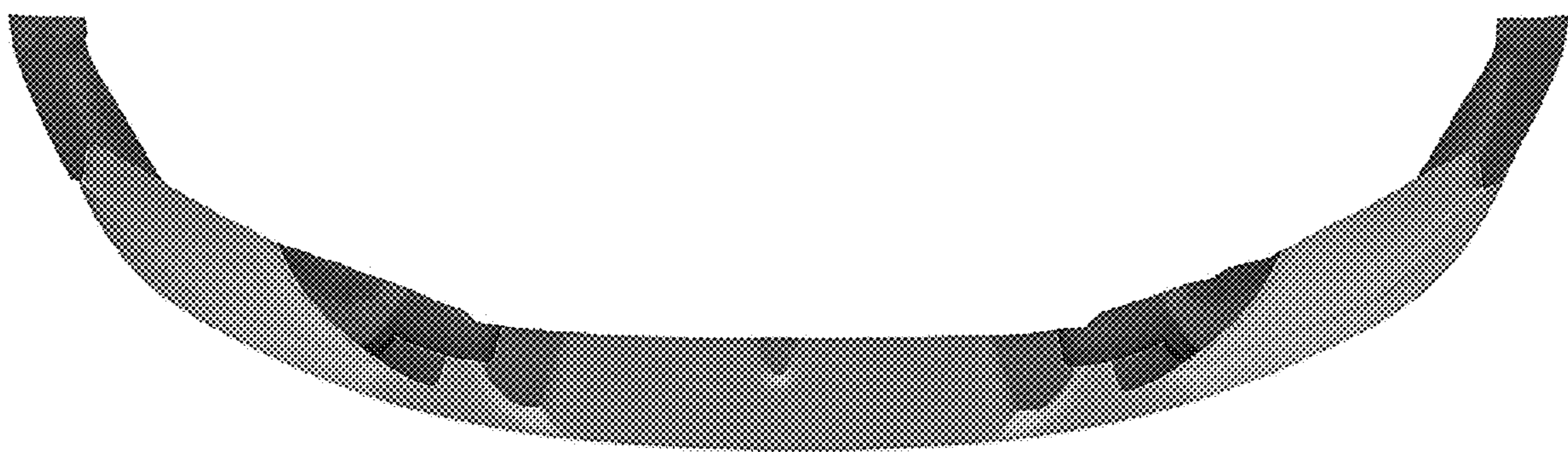


FIG.2

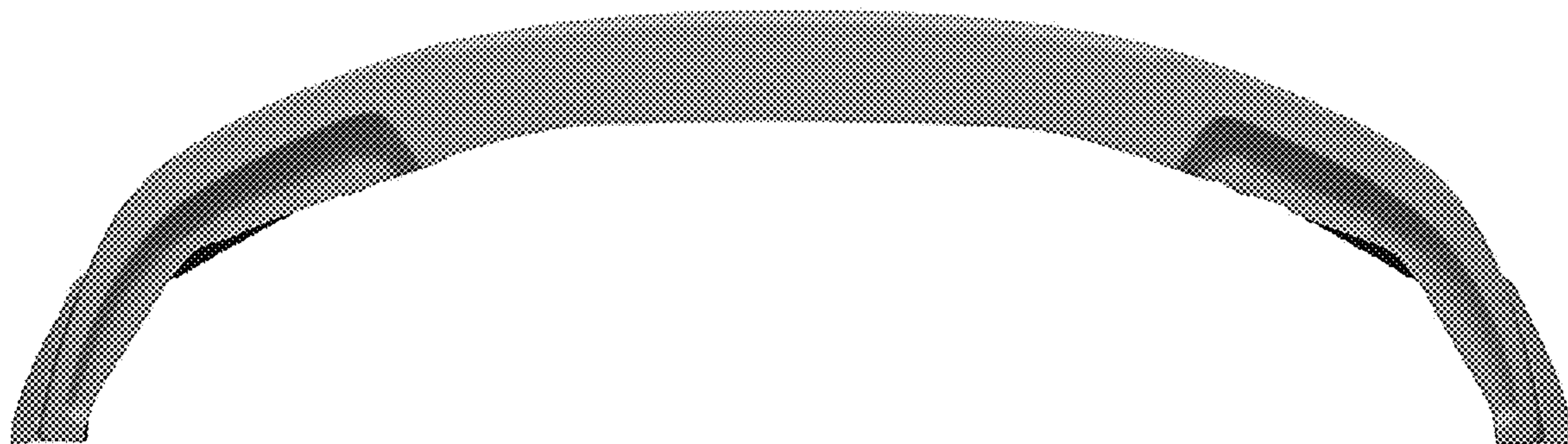


FIG.3



FIG.4



FIG.5



FIG.6