



US00D816566S

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

(10) **Patent No.:** **US D816,566 S**

(45) **Date of Patent:** **\*\* May 1, 2018**

(54) **VEHICLE FRONT BUMPER**  
(71) Applicant: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)

(72) Inventor: **Niels A. Loeb**, Wiesbaden (DE)

(73) Assignee: **GM Global Technology Operations LLC**, Detroit, MI (US)

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

(21) Appl. No.: **29/597,764**

(22) Filed: **Mar. 20, 2017**

(51) **LOC (11) Cl.** ..... **12-16**

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

(58) **Field of Classification Search**  
USPC .... D12/169, 216, 90-92, 86, 171, 196, 163;  
293/102, 113, 115, 117, 120; 296/180.1,  
296/180.2  
CPC ..... B60R 19/02; B60R 19/04; B62D 25/08  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D570,742 S	6/2008	Takagi et al.
D592,105 S	5/2009	Dean et al.
D597,447 S	8/2009	Folden
D600,595 S	9/2009	Nakamura et al.
D601,925 S	10/2009	O'Donnell
D603,755 S	11/2009	Peters
D604,203 S	11/2009	O'Donnell
D605,082 S	12/2009	Munson
D605,083 S	12/2009	Manoogian, II et al.
D605,977 S	12/2009	Zipfel et al.
D605,978 S	12/2009	Wolff et al.
D608,249 S	1/2010	Peters
D608,690 S	1/2010	Folden et al.

D608,691 S	1/2010	Zak, Jr. et al.
D609,608 S	2/2010	Boniface et al.
D611,387 S	3/2010	Thompson et al.
D611,879 S	3/2010	Kim et al.
D612,297 S	3/2010	Peters et al.
D613,645 S	4/2010	Song et al.
D615,458 S	5/2010	Thompson et al.
D618,595 S	6/2010	Ware et al.
D623,090 S	9/2010	Cox et al.
D627,262 S	11/2010	Ikeda et al.
D635,488 S	4/2011	Phipps
D644,147 S	8/2011	Suh et al.
D644,567 S	9/2011	Kozub
D657,718 S	4/2012	Zipfel et al.
D659,052 S	5/2012	Ware et al.
D659,053 S	5/2012	Ware et al.
D668,182 S	10/2012	Barba Franco et al.
D668,183 S	10/2012	Smart
D678,820 S	3/2013	Son et al.
D678,821 S	3/2013	Ikeda et al.
D680,909 S	4/2013	Munson et al.
D680,910 S	4/2013	David

(Continued)

*Primary Examiner* — Melody N Brown  
(74) *Attorney, Agent, or Firm* — Reising Ethington P.C.

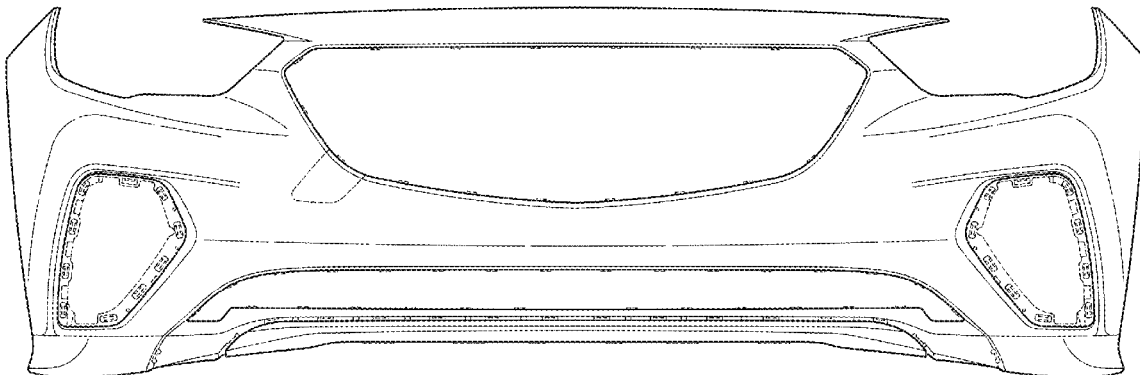
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front perspective view of a vehicle front bumper showing my new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a left side elevational view thereof, the right side view being substantially a mirror image thereof;  
FIG. 4 is a top plan view thereof; and,  
FIG. 5 is a bottom plan view thereof.  
The broken lines in the drawings illustrate portions of the vehicle front bumper that form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



(56)

## References Cited

## U.S. PATENT DOCUMENTS

D684,899	S	6/2013	Baker		D749,026	S	2/2016	Smith et al.	
D686,536	S	7/2013	McCabe et al.		D749,027	S	2/2016	McMahan et al.	
D691,526	S	* 10/2013	Uchino .....	D12/169	D749,246	S	2/2016	Thole et al.	
D692,798	S	11/2013	Thurber		D749,249	S	2/2016	Thole et al.	
D692,799	S	11/2013	Smith et al.		D749,250	S	2/2016	Thole et al.	
D696,157	S	12/2013	Loeb		D749,985	S	2/2016	Kozub et al.	
D699,629	S	2/2014	Ikeda et al.		D749,997	S	2/2016	McMahan et al.	
D700,871	S	3/2014	O'Donnell et al.		D750,001	S	2/2016	Thole et al.	
D703,103	S	4/2014	Lee		D753,032	S	4/2016	Smith et al.	
D704,103	S	5/2014	Mack et al.		D753,033	S	4/2016	Thole et al.	
D705,132	S	5/2014	Ware et al.		D753,034	S	4/2016	Thole et al.	
D705,699	S	5/2014	Ware et al.		D753,035	S	4/2016	Boniface et al.	
D711,796	S	* 8/2014	Futschik .....	D12/169	D753,559	S	4/2016	McMahan et al.	
D713,298	S	9/2014	Dyson		D753,560	S	4/2016	McMahan et al.	
D713,764	S	9/2014	Ferlazzo et al.		D753,567	S	4/2016	Boniface et al.	
D716,696	S	11/2014	Thole et al.		D754,571	S	4/2016	Boniface et al.	
D716,706	S	11/2014	Thole et al.		D754,572	S	4/2016	McMahan et al.	
D716,709	S	11/2014	Thole et al.		D755,088	S	5/2016	McMahan et al.	
D717,696	S	11/2014	Thole et al.		D756,869	S	5/2016	McMahan et al.	
D718,189	S	11/2014	Krieg et al.		D758,271	S	6/2016	McMahan et al.	
D718,676	S	* 12/2014	Ishizuka .....	D12/169	D764,975	S	8/2016	Aengenheyster	
D718,677	S	* 12/2014	Whang .....	D12/169	D764,976	S	8/2016	Aengenheyster	
D718,683	S	12/2014	Thole et al.		D767,449	S	9/2016	Pevovar et al.	
D722,282	S	2/2015	Loeb		D767,450	S	9/2016	Lee et al.	
D722,533	S	2/2015	Thole et al.		D767,451	S	9/2016	Kozub et al.	
D722,534	S	2/2015	Munson et al.		D767,454	S	9/2016	McMahan et al.	
D724,510	S	3/2015	McMahan et al.		D767,458	S	9/2016	Kim	
D725,001	S	3/2015	McMahan et al.		D767,459	S	9/2016	Kim	
D726,591	S	4/2015	Jacob		D767,460	S	9/2016	Kozub et al.	
D730,776	S	6/2015	Smart		D767,461	S	9/2016	Kozub et al.	
D730,783	S	6/2015	Henriques et al.		D771,528	S	11/2016	Smith et al.	
D732,427	S	6/2015	Loeb		D771,529	S	11/2016	Thole et al.	
D732,429	S	6/2015	Loeb		D771,532	S	11/2016	Kapitonov	
D732,430	S	6/2015	Loeb		D771,533	S	11/2016	Kapitonov	
D732,431	S	6/2015	Loeb		D772,766	S	11/2016	Kozub et al.	
D732,432	S	6/2015	Aengenheyster		D772,767	S	11/2016	Kim	
D732,433	S	6/2015	Aengenheyster		D773,084	S	11/2016	Kapitonov	
D732,435	S	6/2015	Mackay		D773,086	S	11/2016	McCabe et al.	
D733,002	S	6/2015	Loeb		D773,349	S	* 12/2016	Munakata .....	D12/169
D735,611	S	8/2015	Aengenheyster		D774,226	S	12/2016	McCabe et al.	
D735,627	S	8/2015	Smith		D775,003	S	12/2016	Pevovar et al.	
D736,451	S	8/2015	Smith		D775,007	S	12/2016	Thole et al.	
D739,306	S	9/2015	McMahan et al.		D775,010	S	12/2016	Kim et al.	
D739,317	S	9/2015	McMahan et al.		D775,049	S	12/2016	Scheer et al.	
D741,223	S	10/2015	Kim et al.		D775,549	S	1/2017	Karras	
D743,309	S	11/2015	Thole et al.		D775,554	S	1/2017	Kapitonov	
D743,313	S	11/2015	Smith et al.		D776,020	S	1/2017	Kapitonov	
D743,314	S	11/2015	Thole et al.		D776,581	S	1/2017	Pevovar et al.	
D743,857	S	11/2015	McMahan et al.		D776,583	S	1/2017	Scheer et al.	
D744,158	S	11/2015	Willett et al.		D776,841	S	1/2017	Kozub et al.	
D744,914	S	* 12/2015	Loeb .....	D12/169	D776,843	S	1/2017	McCabe et al.	
D745,086	S	12/2015	Finos et al.		D776,846	S	1/2017	Willett et al.	
D745,719	S	12/2015	Boniface et al.		D777,359	S	1/2017	Kozub et al.	
D745,725	S	12/2015	McMahan et al.		D777,360	S	1/2017	Kozub et al.	
D745,726	S	12/2015	McMahan et al.		D777,361	S	1/2017	Kozub et al.	
D745,837	S	12/2015	Smith et al.		D777,604	S	1/2017	McNerney	
D746,726	S	1/2016	Smith et al.		D777,605	S	1/2017	Ferlazzo et al.	
D746,727	S	1/2016	Smith et al.		D777,620	S	1/2017	Pevovar et al.	
D746,728	S	1/2016	Smith et al.		D777,621	S	1/2017	Kim	
D746,729	S	1/2016	Boniface et al.		D777,622	S	1/2017	Kozub et al.	
D746,730	S	1/2016	Kim et al.		D777,628	S	1/2017	Kozub et al.	
D747,514	S	1/2016	McMahan et al.		D777,955	S	1/2017	Willett et al.	
D747,515	S	1/2016	McMahan et al.		D778,212	S	2/2017	Kozub et al.	
D747,819	S	1/2016	Thole et al.		D778,215	S	2/2017	Kozub et al.	
D749,021	S	2/2016	Boniface et al.		D780,081	S	2/2017	Lee	
					D780,084	S	2/2017	Scheer et al.	
					D786,748	S	* 5/2017	Hellwig .....	D12/169

\* cited by examiner

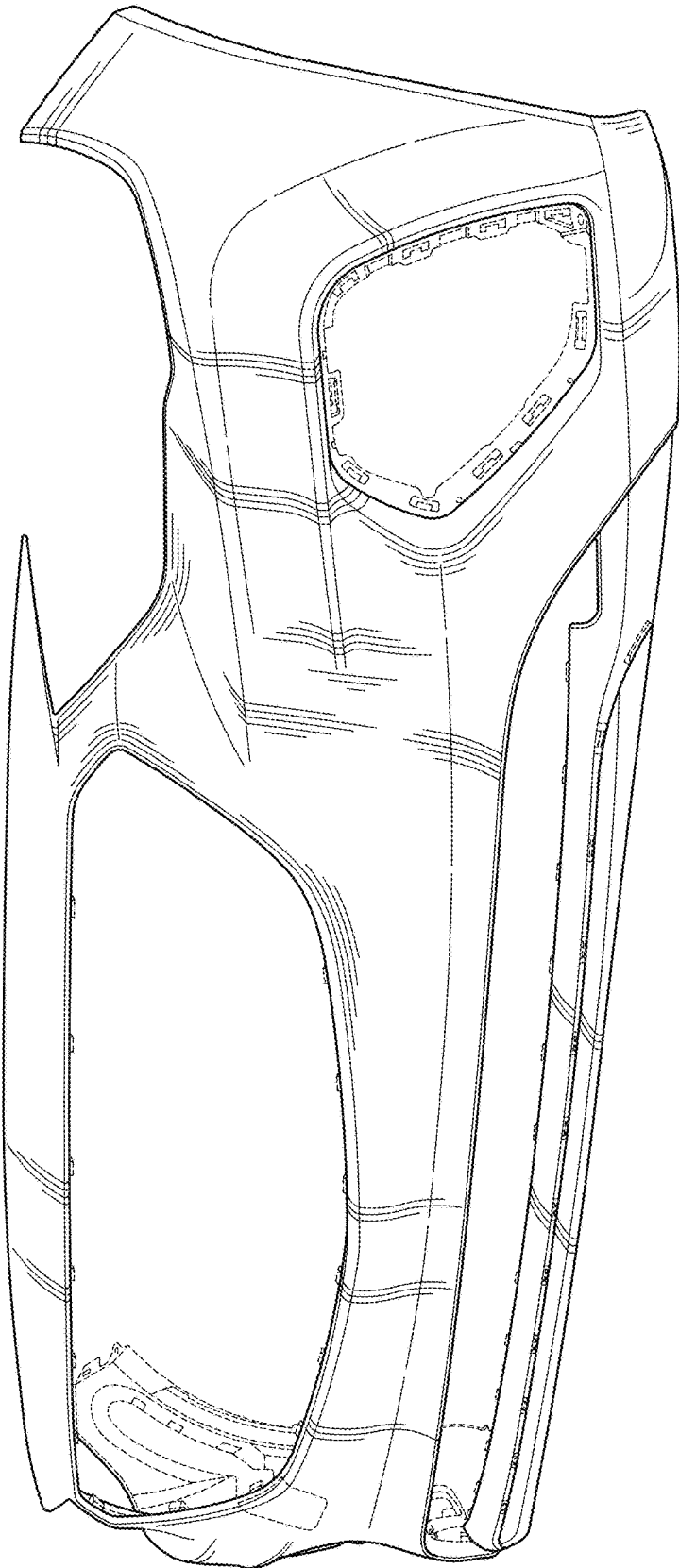


FIG. 1

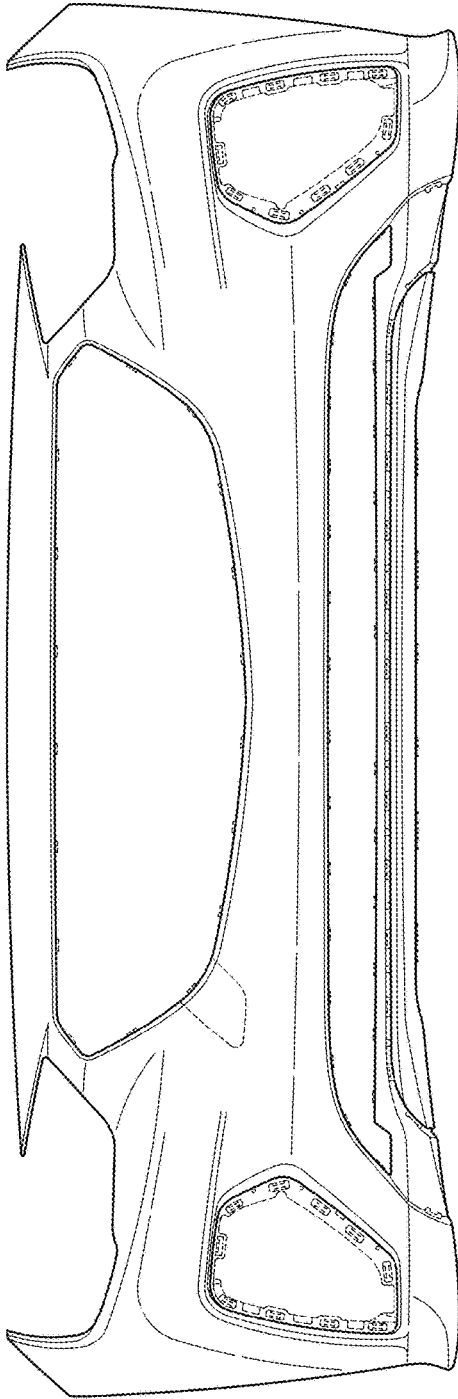


FIG. 2

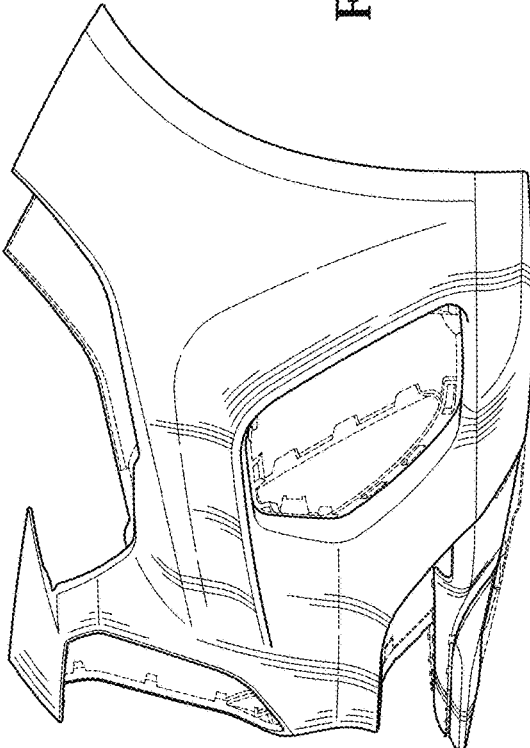


FIG. 3

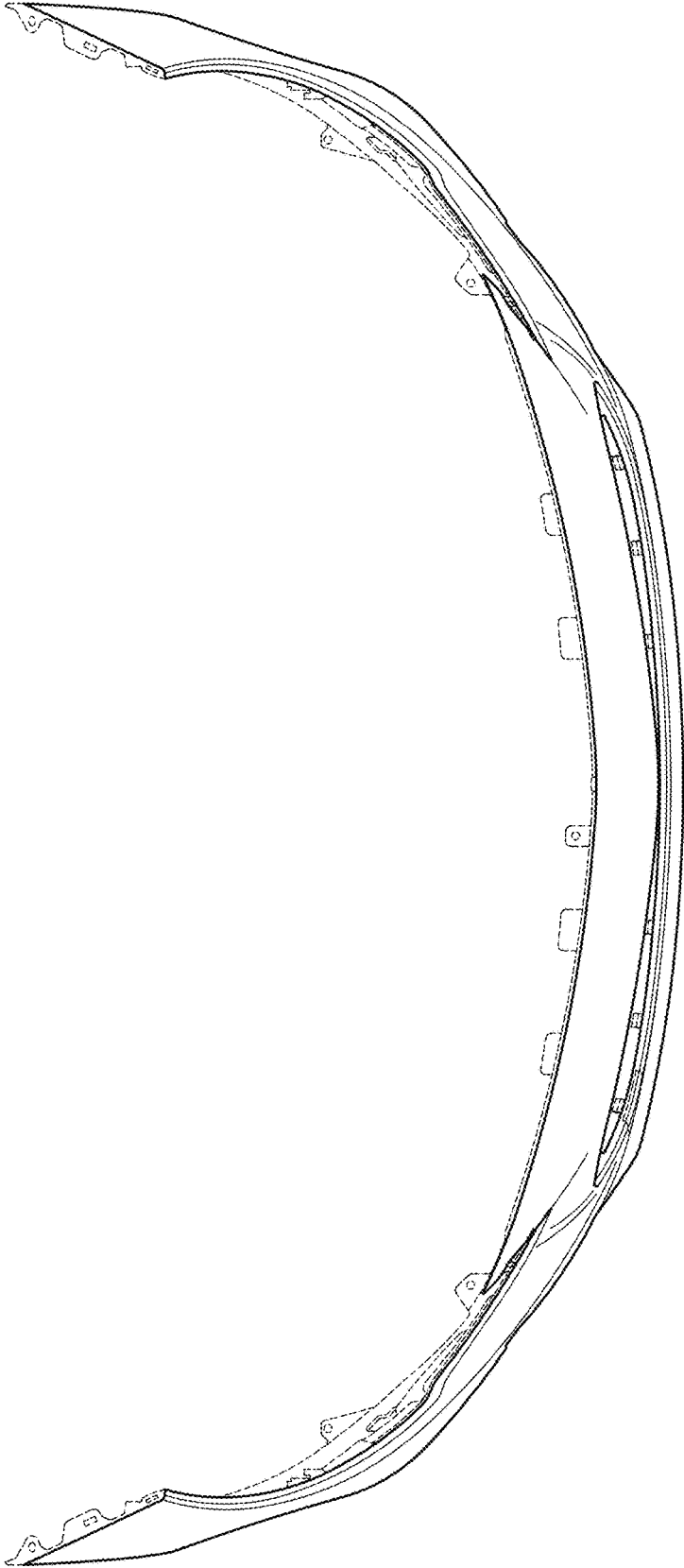


FIG. 4

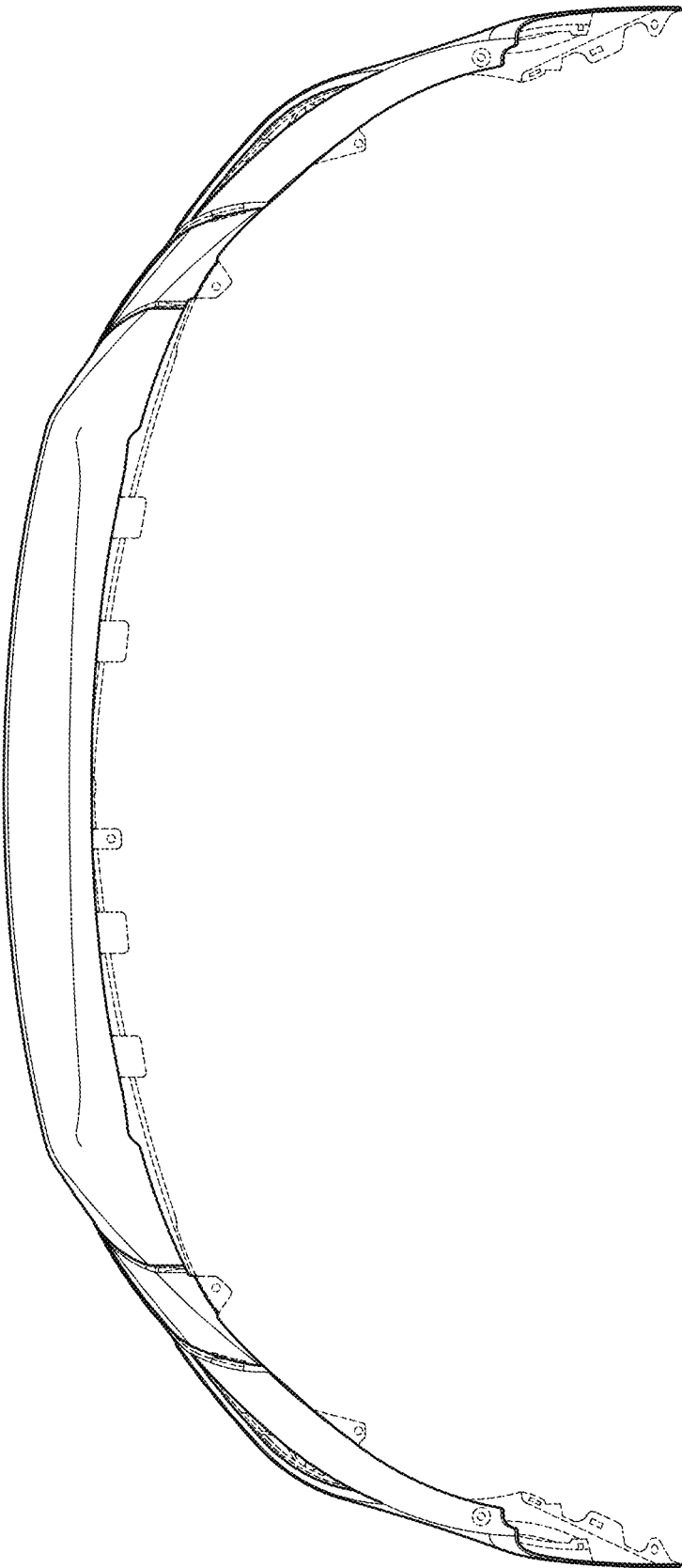


FIG. 5