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(12) **United States Design Patent** (10) **Patent No.:** **US D816,565 S**  
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(54) **VEHICLE REAR BUMPER**  
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293/102, 113, 115, 117, 120; 296/180.1,  
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See application file for complete search history.

D609,608 S 2/2010 Boniface et al.  
D610,957 S \* 3/2010 Bucher ..... D12/169  
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 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)

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(57) **CLAIM**

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

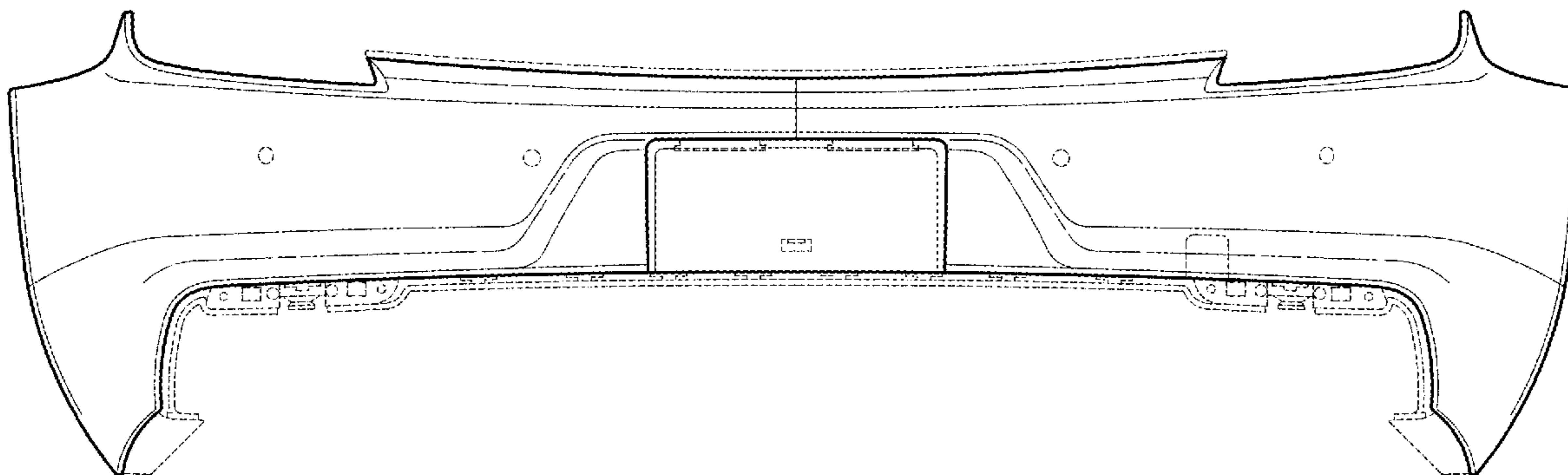
**DESCRIPTION**

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

**1 Claim, 3 Drawing Sheets**

(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.



(56)

References Cited

U.S. PATENT DOCUMENTS

D684,899 S	6/2013	Baker	
D686,536 S	7/2013	McCabe et al.	
D692,798 S	11/2013	Thurber	
D692,799 S	11/2013	Smith et al.	
D696,157 S	12/2013	Loeb	
D699,629 S	2/2014	Ikeda et al.	
D700,871 S	3/2014	O'Donnell et al.	
D703,103 S	4/2014	Lee	
D704,103 S	5/2014	Mack et al.	
D705,132 S	5/2014	Ware et al.	
D705,699 S	5/2014	Ware et al.	
D711,295 S	* 8/2014	Mackay	D12/169
D713,298 S	9/2014	Dyson	
D713,764 S	9/2014	Ferlazzo et al.	
D716,696 S	11/2014	Thole et al.	
D716,706 S	11/2014	Thole et al.	
D716,709 S	11/2014	Thole et al.	
D717,696 S	11/2014	Thole et al.	
D718,189 S	11/2014	Krieg et al.	
D718,683 S	12/2014	Thole et al.	
D722,282 S	2/2015	Loeb	
D722,533 S	2/2015	Thole et al.	
D722,534 S	2/2015	Munson et al.	
D724,510 S	3/2015	McMahan et al.	
D725,001 S	3/2015	McMahan et al.	
D726,591 S	4/2015	Jacob	
D730,776 S	6/2015	Smart	
D730,783 S	6/2015	Henriques et al.	
D732,427 S	6/2015	Loeb	
D732,429 S	6/2015	Loeb	
D732,430 S	6/2015	Loeb	
D732,431 S	6/2015	Loeb	
D732,432 S	6/2015	Aengenheyster	
D732,433 S	6/2015	Aengenheyster	
D732,435 S	6/2015	Mackay	
D733,002 S	6/2015	Loeb	
D733,018 S	* 6/2015	McCabe	D12/169
D733,622 S	* 7/2015	Rupar	D12/169
D735,611 S	8/2015	Aengenheyster	
D735,627 S	8/2015	Smith	
D736,127 S	* 8/2015	Hammoud	D12/169
D736,451 S	8/2015	Smith	
D738,267 S	* 9/2015	Chen	D12/169
D738,270 S	* 9/2015	Blanski	D12/169
D739,306 S	9/2015	McMahan et al.	
D739,317 S	9/2015	McMahan et al.	
D741,223 S	10/2015	Kim et al.	
D743,309 S	11/2015	Thole et al.	
D743,313 S	11/2015	Smith et al.	
D743,314 S	11/2015	Thole et al.	
D743,857 S	11/2015	McMahan et al.	
D744,158 S	11/2015	Willett et al.	
D745,086 S	12/2015	Finos et al.	
D745,719 S	12/2015	Boniface et al.	
D745,725 S	12/2015	McMahan et al.	
D745,726 S	12/2015	McMahan et al.	
D745,837 S	12/2015	Smith et al.	
D746,726 S	1/2016	Smith et al.	
D746,727 S	1/2016	Smith et al.	
D746,728 S	1/2016	Smith et al.	
D746,729 S	1/2016	Boniface et al.	
D746,730 S	1/2016	Kim et al.	
D747,514 S	1/2016	McMahan et al.	
D747,515 S	1/2016	McMahan et al.	
D747,819 S	1/2016	Thole et al.	
D749,021 S	2/2016	Boniface et al.	
D749,026 S	2/2016	Smith et al.	
D749,027 S	2/2016	McMahan et al.	
D749,246 S	2/2016	Thole et al.	
D749,249 S	2/2016	Thole et al.	
D749,250 S	2/2016	Thole et al.	
D749,467 S	* 2/2016	Stopka	D12/169
D749,471 S	* 2/2016	Nakahara	D12/169
D749,985 S	2/2016	Kozub et al.	
D749,997 S	2/2016	McMahan et al.	
D750,001 S	2/2016	Thole et al.	
D753,032 S	4/2016	Smith et al.	
D753,033 S	4/2016	Thole et al.	
D753,034 S	4/2016	Thole et al.	
D753,035 S	4/2016	Boniface et al.	
D753,559 S	4/2016	McMahan et al.	
D753,560 S	4/2016	McMahan et al.	
D753,567 S	4/2016	Boniface et al.	
D754,040 S	* 4/2016	Varga	D12/169
D754,571 S	4/2016	Boniface et al.	
D754,572 S	4/2016	McMahan et al.	
D755,088 S	5/2016	McMahan et al.	
D756,869 S	5/2016	McMahan et al.	
D758,271 S	6/2016	McMahan et al.	
D760,629 S	* 7/2016	Chung	D12/169
D764,975 S	8/2016	Aengenheyster	
D764,976 S	8/2016	Aengenheyster	
D764,984 S	* 8/2016	Stopka	D12/169
D766,144 S	* 9/2016	Lesnik	D12/169
D767,449 S	9/2016	Pevovar et al.	
D767,450 S	9/2016	Lee et al.	
D767,451 S	9/2016	Kozub et al.	
D767,454 S	9/2016	McMahan et al.	
D767,458 S	9/2016	Kim	
D767,459 S	9/2016	Kim	
D767,460 S	9/2016	Kozub et al.	
D767,461 S	9/2016	Kozub et al.	
D769,161 S	* 10/2016	Ishii	D12/169
D771,528 S	11/2016	Smith et al.	
D771,529 S	11/2016	Thole et al.	
D771,532 S	11/2016	Kapitonov	
D771,533 S	11/2016	Kapitonov	
D772,766 S	11/2016	Kozub et al.	
D772,767 S	11/2016	Kim	
D773,084 S	11/2016	Kapitonov	
D773,086 S	11/2016	McCabe et al.	
D773,355 S	* 12/2016	Kawaguchi	D12/169
D774,226 S	12/2016	McCabe et al.	
D775,003 S	12/2016	Pevovar et al.	
D775,007 S	12/2016	Thole et al.	
D775,010 S	12/2016	Kim et al.	
D775,049 S	12/2016	Scheer et al.	
D775,549 S	1/2017	Karras	
D775,554 S	1/2017	Kapitonov	
D776,020 S	1/2017	Kapitonov	
D776,581 S	* 1/2017	Pevovar	D12/169
D776,583 S	1/2017	Scheer et al.	
D776,841 S	1/2017	Kozub et al.	
D776,843 S	1/2017	McCabe et al.	
D776,846 S	1/2017	Willett et al.	
D777,359 S	1/2017	Kozub et al.	
D777,360 S	1/2017	Kozub et al.	
D777,361 S	1/2017	Kozub et al.	
D777,604 S	1/2017	McNerney	
D777,605 S	1/2017	Ferlazzo et al.	
D777,620 S	1/2017	Pevovar et al.	
D777,621 S	1/2017	Kim	
D777,622 S	1/2017	Kozub et al.	
D777,628 S	1/2017	Kozub et al.	
D777,955 S	1/2017	Willett et al.	
D778,212 S	* 2/2017	Kozub	D12/169
D778,215 S	2/2017	Kozub et al.	
D786,746 S	* 5/2017	Wheel	D12/169
D798,779 S	* 10/2017	Varga	D12/169

\* cited by examiner

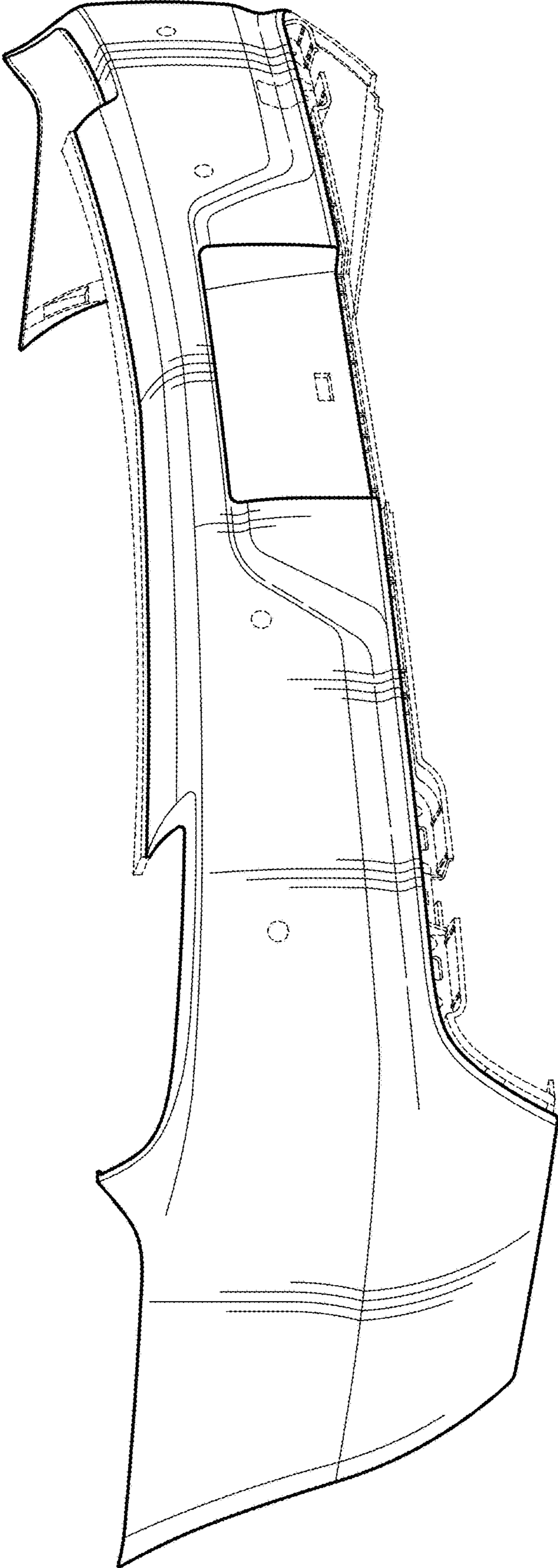


FIG. 1

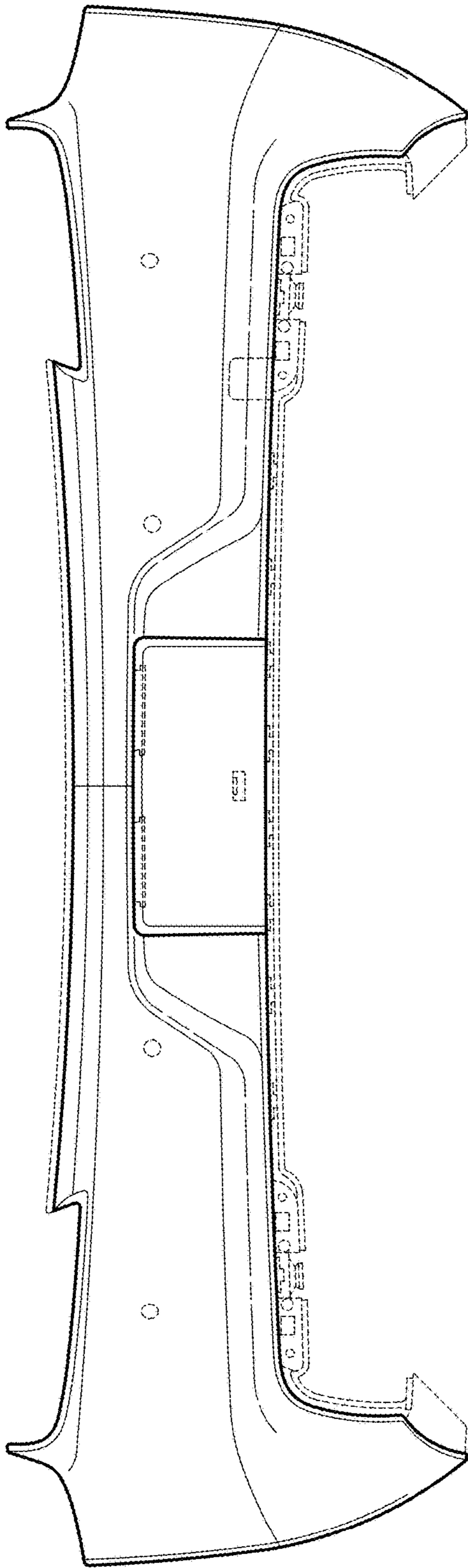


FIG. 2



FIG. 3

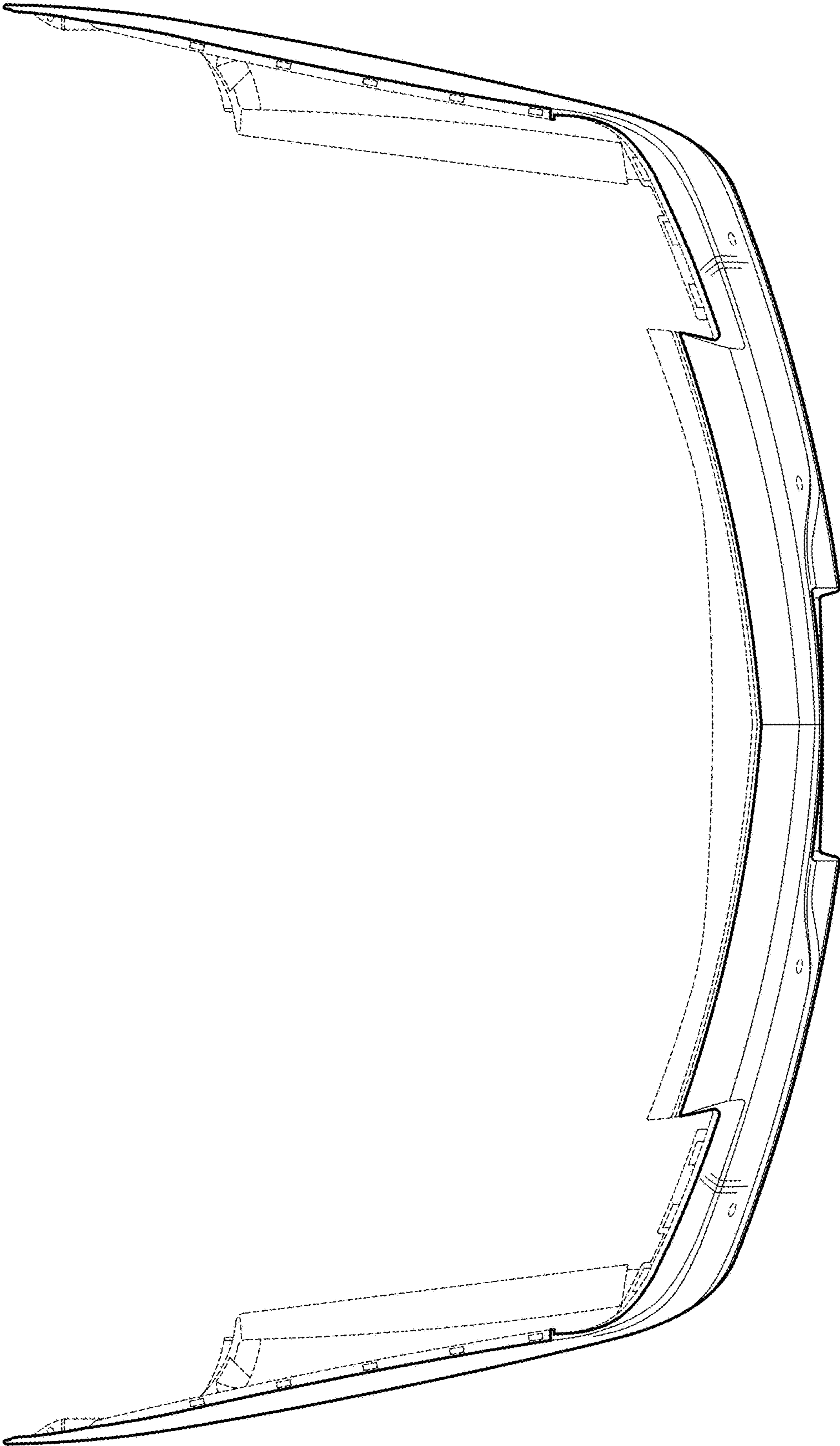


FIG. 4