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**Koo et al.**

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- (54) **VEHICLE SKID BAR**
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USPC ..... **D12/169**
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See application file for complete search history.

D603,755 S	11/2009	Peters	
D603,765 S *	11/2009	Youn .....	D12/169
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	

(Continued)

Primary Examiner — Darlington Ly

(57) **CLAIM**

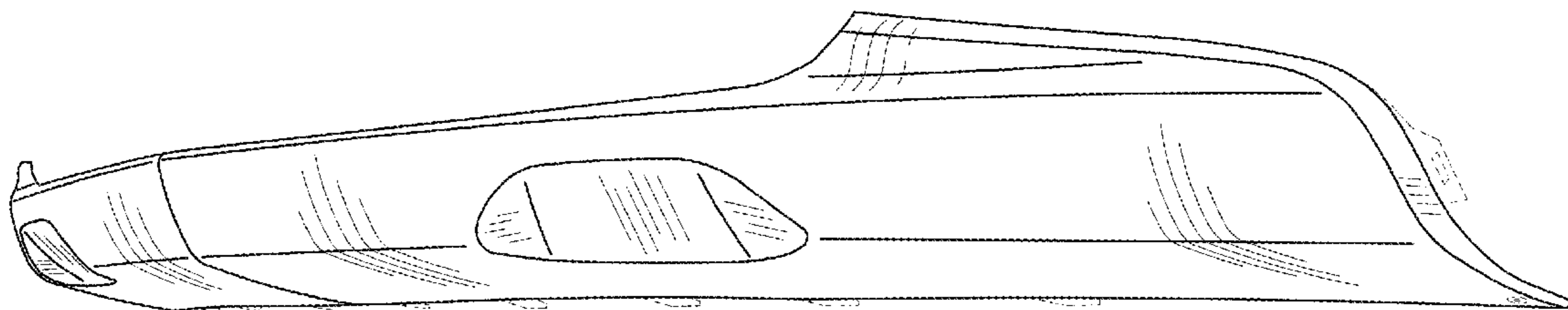
The ornamental design for a vehicle skid bar, as shown and described.

**DESCRIPTION**

FIG. 1 is a front and left perspective view of a vehicle skid bar showing our new design;  
 FIG. 2 is a left end elevation view thereof;  
 FIG. 3 is a front elevation view thereof; and,  
 FIG. 4 is a bottom plan view thereof.  
 The right end elevation view is omitted, because the right end elevation view is a mirror image to the left end elevation view.  
 The broken lines shown in the drawings depict portions of the vehicle skid bar that form no part of the claimed design.

**1 Claim, 2 Drawing Sheets**

- (56) **References Cited**  
U.S. PATENT DOCUMENTS
- D539,711 S \* 4/2007 Fujimaki ..... D12/169
- D544,417 S \* 6/2007 Kono ..... D12/169
- D570,742 S 6/2008 Takagi et al.
- D592,105 S 5/2009 Dean et al.
- D594,391 S \* 6/2009 Bhambra ..... D12/169
- D597,447 S 8/2009 Folden
- D600,595 S 9/2009 Nakamura et al.
- D600,606 S \* 9/2009 Lamm ..... D12/169
- D601,063 S \* 9/2009 Lamm ..... D12/169
- D601,925 S 10/2009 O'Donnell
- D603,308 S \* 11/2009 Schiavone ..... D12/169



(56)

## References Cited

## U.S. PATENT DOCUMENTS

D657,718 S	4/2012	Zipfel et al.	
D659,052 S	5/2012	Ware et al.	
D659,053 S	5/2012	Ware et al.	
D664,903 S	* 8/2012	Platto .....	D12/169
D668,182 S	10/2012	Barba Franco et al.	
D668,183 S	10/2012	Smart	
D669,003 S	* 10/2012	Koizumi .....	D12/169
D678,820 S	3/2013	Song et al.	
D678,821 S	3/2013	Ikeda et al.	
D680,909 S	4/2013	Munson et al.	
D680,910 S	4/2013	David	
D683,672 S	* 6/2013	Platto .....	D12/169
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	
D699,168 S	* 2/2014	Osborne .....	D12/169
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.	
D710,264 S	* 8/2014	Watkins .....	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.	
D721,622 S	* 1/2015	Platto .....	D12/169
D721,623 S	* 1/2015	Platto .....	D12/169
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.	
D731,371 S	* 6/2015	Morikawa .....	D12/169
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	
D735,611 S	8/2015	Aengenheyster	
D735,627 S	8/2015	Smith	
D736,451 S	8/2015	Smith	
D739,306 S	9/2015	McMahan et al.	
D739,315 S	* 9/2015	Blanski .....	D12/169
D739,317 S	9/2015	McMahan et al.	
D740,726 S	* 10/2015	Platto .....	D12/169
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.	
D744,915 S	* 12/2015	Curic .....	D12/169
D744,916 S	* 12/2015	Curic .....	D12/169
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.	
D746,734 S	* 1/2016	Wolff .....	D12/169
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.	
D749,470 S	* 2/2016	Behmer .....	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.	
D753,562 S	* 4/2016	Wolff .....	D12/169
D753,567 S	4/2016	Boniface et al.	
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.	
D762,147 S	* 7/2016	Messale .....	D12/169
D764,975 S	8/2016	Aengenheyster	
D764,976 S	8/2016	Aengenheyster	
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.	
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 .....	D12/169
D771,536 S	* 11/2016	Wolff .....	D12/169
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.	
D774,226 S	12/2016	McCabe et al.	
D774,428 S	* 12/2016	Davidson .....	D12/169
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 et al.	
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 et al.	
D778,215 S	2/2017	Kozub et al.	
D780,064 S	2/2017	Smith et al.	
D780,067 S	2/2017	Zipfel et al.	
D780,068 S	2/2017	Whitla et al.	
D780,077 S	2/2017	Kim et al.	

(56)

**References Cited**

U.S. PATENT DOCUMENTS

D780,081 S	2/2017	Lee	
D780,084 S	2/2017	Scheer et al.	
D780,631 S	3/2017	Kozub et al.	
D780,644 S	3/2017	Kim et al.	
D781,184 S	3/2017	Thole et al.	
D781,192 S	3/2017	Kozub et al.	
D782,379 S	3/2017	Wassell	
D783,482 S	4/2017	Smith et al.	
D784,213 S	4/2017	Karras	
D784,223 S	4/2017	Lee	
D784,226 S	4/2017	Cheng	
D784,579 S	4/2017	Cheng et al.	
D784,877 S	4/2017	Lee	
D784,886 S	4/2017	Smith et al.	
D785,521 S	5/2017	Smith et al.	
D786,149 S	5/2017	Pevovar et al.	
D786,743 S	5/2017	Smith et al.	
D786,750 S	5/2017	Lee	
D793,297 S *	8/2017	Smith .....	D12/169
D793,301 S *	8/2017	Kozub .....	D12/169
D793,302 S *	8/2017	Kozub .....	D12/169
D797,619 S *	9/2017	Jung .....	D12/169

\* cited by examiner

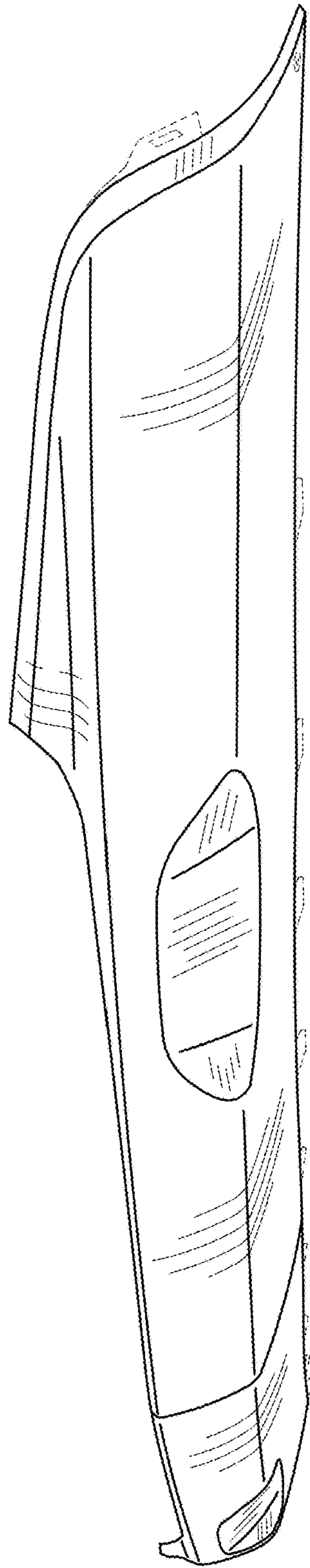


FIG - 1



FIG - 2

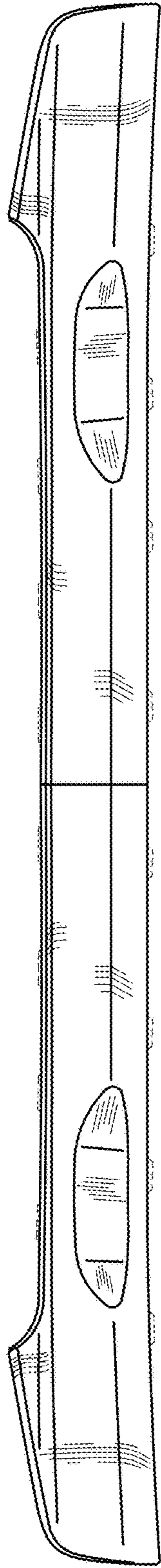


FIG-3

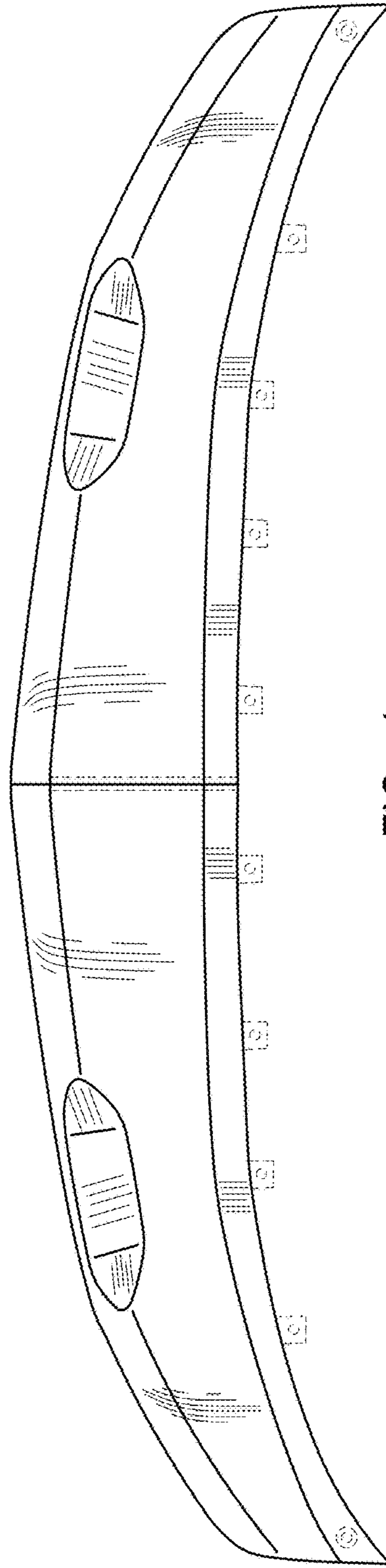


FIG-4