



US00D845196S

(12) **United States Design Patent** (10) **Patent No.:** **US D845,196 S**  
**Kozub** (45) **Date of Patent:** **\*\* Apr. 9, 2019**

(54) **VEHICLE DEFLECTOR**  
(71) Applicant: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)  
(72) Inventor: **Timothy P. Kozub**, Troy, MI (US)  
(73) Assignee: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)  
(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/609,073**  
(22) Filed: **Jun. 28, 2017**  
(51) **LOC (11) Cl.** ..... **12-16**  
(52) **U.S. Cl.**  
USPC ..... **D12/172; D12/169**  
(58) **Field of Classification Search**  
USPC ..... D12/86-92, 163-172  
CPC ..... B60R 19/18; B60R 19/24; B60R 19/44;  
B60R 19/48; B60R 19/56; B60R  
2019/527; B60R 2019/1886; B62D  
25/0845  
See application file for complete search history.

D603,755 S 11/2009 Peters  
D603,764 S \* 11/2009 Youn ..... D12/169  
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.  
D607,384 S \* 1/2010 Krauss ..... D12/181  
D607,790 S \* 1/2010 Golden ..... D12/169  
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.  
7,661,753 B2 \* 2/2010 Shinedling ..... B62D 35/005  
296/180.5  
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.  
D614,099 S \* 4/2010 Ectors ..... D12/169  
D614,555 S \* 4/2010 Ectors ..... D12/169  
D615,458 S 5/2010 Thompson et al.  
D618,595 S 6/2010 Ware et al.

(Continued)

Primary Examiner — Darlington Ly

(57) **CLAIM**

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

**DESCRIPTION**

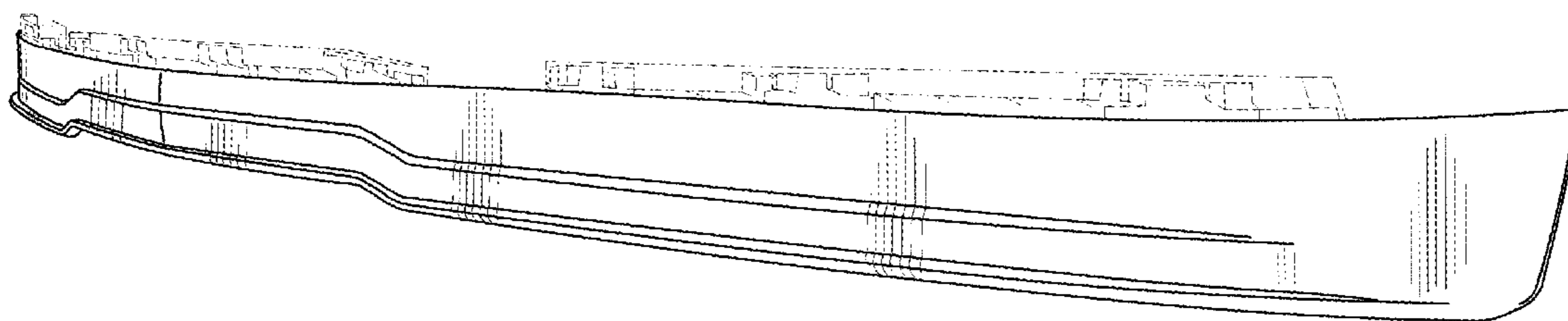
FIG. 1 is a front and left side perspective view of a vehicle deflector showing my new design;  
FIG. 2 is a left side elevation view thereof to which the right side elevation view is a mirror image;  
FIG. 3 is a front elevation view thereof; and,  
FIG. 4 is a top plan view thereof.  
The broken lines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

**1 Claim, 2 Drawing Sheets**

(56) **References Cited**

U.S. PATENT DOCUMENTS

D291,680 S \* 9/1987 Everts ..... D12/170  
D491,851 S \* 6/2004 Perfetti ..... D12/181  
D495,636 S \* 9/2004 Iwata ..... D12/181  
D542,196 S \* 5/2007 Levy ..... 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

D623,090 S	9/2010	Cox et al.		D744,915 S	*	12/2015	Curic .....	D12/169
D627,262 S	11/2010	Ikeda et al.		D744,916 S	*	12/2015	Curic .....	D12/169
D635,488 S	4/2011	Phipps		D744,922 S	*	12/2015	Jamieson .....	D12/196
D644,147 S	8/2011	Suh et al.		D745,086 S		12/2015	Finos et al.	
D644,567 S	9/2011	Kozub		D745,719 S		12/2015	Boniface et al.	
D646,607 S	* 10/2011	Verhee .....	D12/169	D745,725 S		12/2015	McMahan et al.	
D654,840 S	* 2/2012	Barnaba .....	D12/190	D745,726 S		12/2015	McMahan et al.	
D657,718 S	4/2012	Zipfel et al.		D745,837 S		12/2015	Smith et al.	
D659,052 S	5/2012	Ware et al.		D746,726 S		1/2016	Smith et al.	
D659,053 S	5/2012	Ware et al.		D746,727 S		1/2016	Smith et al.	
8,210,600 B1	* 7/2012	Verhee .....	B62D 35/005 296/180.1	D746,728 S		1/2016	Smith et al.	
D664,903 S	* 8/2012	Platto .....	D12/169	D746,729 S		1/2016	Boniface et al.	
D668,182 S	10/2012	Barba Franco et al.		D746,730 S		1/2016	Kim et al.	
D668,183 S	10/2012	Smart		D747,514 S		1/2016	McMahan et al.	
D678,142 S	* 3/2013	Behmer .....	D12/169	D747,515 S		1/2016	McMahan et al.	
D678,143 S	* 3/2013	Behmer .....	D12/169	D747,819 S		1/2016	Thole et al.	
D678,820 S	3/2013	Son et al.		D749,021 S		2/2016	Boniface et al.	
D678,821 S	3/2013	Ikeda et al.		D749,026 S		2/2016	Smith et al.	
D680,909 S	4/2013	Munson et al.		D749,027 S		2/2016	McMahan et al.	
D680,910 S	4/2013	David		D749,246 S		2/2016	Thole et al.	
D681,518 S	* 5/2013	Platto .....	D12/169	D749,249 S		2/2016	Thole et al.	
D683,669 S	* 6/2013	Giachin .....	D12/169	D749,250 S		2/2016	Thole et al.	
D683,672 S	* 6/2013	Platto .....	D12/169	D749,470 S	*	2/2016	Behmer .....	D12/169
D684,899 S	6/2013	Baker		D749,985 S		2/2016	Kozub et al.	
D686,536 S	7/2013	McCabe et al.		D749,997 S		2/2016	McMahan et al.	
D692,798 S	11/2013	Thurber		D750,001 S		2/2016	Thole et al.	
D692,799 S	11/2013	Smith et al.		D753,032 S		4/2016	Smith et al.	
D696,157 S	12/2013	Loeb		D753,033 S		4/2016	Thole et al.	
D699,168 S	* 2/2014	Osborne .....	D12/169	D753,034 S		4/2016	Thole et al.	
D699,629 S	2/2014	Ikeda et al.		D753,035 S		4/2016	Boniface et al.	
D700,871 S	3/2014	O'Donnell et al.		D753,559 S		4/2016	McMahan et al.	
D703,103 S	4/2014	Lee		D753,560 S		4/2016	McMahan et al.	
D704,103 S	5/2014	Mack et al.		D753,562 S	*	4/2016	Wolff .....	D12/169
D705,132 S	5/2014	Ware et al.		D753,567 S		4/2016	Boniface et al.	
D705,699 S	5/2014	Ware et al.		D754,571 S		4/2016	Boniface et al.	
D710,264 S	* 8/2014	Watkins .....	D12/169	D754,572 S		4/2016	McMahan et al.	
D713,298 S	9/2014	Dyson		D755,088 S		5/2016	McMahan et al.	
D713,764 S	9/2014	Ferlazzo et al.		D756,869 S		5/2016	McMahan et al.	
D716,696 S	11/2014	Thole et al.		D758,271 S		6/2016	McMahan et al.	
D716,706 S	11/2014	Thole et al.		D762,147 S	*	7/2016	Messale .....	D12/169
D716,709 S	11/2014	Thole et al.		D764,975 S		8/2016	Aengenheyster	
D717,696 S	11/2014	Thole et al.		D764,976 S		8/2016	Aengenheyster	
D718,189 S	11/2014	Krieg et al.		D767,449 S		9/2016	Pevovar et al.	
D718,683 S	12/2014	Thole et al.		D767,450 S		9/2016	Lee et al.	
D721,623 S	* 1/2015	Platto .....	D12/169	D767,451 S		9/2016	Kozub et al.	
D722,282 S	2/2015	Loeb		D767,454 S		9/2016	McMahan et al.	
D722,533 S	2/2015	Thole et al.		D767,458 S		9/2016	Kim	
D722,534 S	2/2015	Munson et al.		D767,459 S		9/2016	Kim	
D724,510 S	3/2015	McMahan et al.		D767,460 S		9/2016	Kozub et al.	
D725,001 S	3/2015	McMahan et al.		D767,461 S		9/2016	Kozub et al.	
D726,591 S	4/2015	Jacob		D771,528 S		11/2016	Smith et al.	
D730,776 S	6/2015	Smart		D771,529 S		11/2016	Thole et al.	
D730,783 S	6/2015	Henriques et al.		D771,532 S		11/2016	Kapitonov	
D732,427 S	6/2015	Loeb		D771,533 S		11/2016	Kapitonov	
D732,429 S	6/2015	Loeb		D771,536 S	*	11/2016	Wolff .....	D12/169
D732,430 S	6/2015	Loeb		D772,766 S		11/2016	Kozub et al.	
D732,431 S	6/2015	Loeb		D772,767 S		11/2016	Kim	
D732,432 S	6/2015	Aengenheyster		D773,084 S		11/2016	Kapitonov	
D732,433 S	6/2015	Aengenheyster		D773,086 S		11/2016	McCabe et al.	
D732,435 S	6/2015	Mackay		D774,226 S		12/2016	McCabe et al.	
D733,002 S	6/2015	Loeb		D774,428 S	*	12/2016	Davidson .....	D12/169
D735,611 S	8/2015	Aengenheyster		D775,003 S		12/2016	Pevovar et al.	
D735,627 S	8/2015	Smith		D775,007 S		12/2016	Thole et al.	
D736,451 S	8/2015	Smith		D775,010 S		12/2016	Kim et al.	
D739,306 S	9/2015	McMahan et al.		D775,049 S		12/2016	Scheer et al.	
D739,315 S	* 9/2015	Blanski .....	D12/169	D775,549 S		1/2017	Karras	
D739,317 S	9/2015	McMahan et al.		D775,554 S		1/2017	Kapitonov	
D739,321 S	* 9/2015	Blanski .....	D12/169	D776,020 S		1/2017	Kapitonov	
D741,223 S	10/2015	Kim et al.		D776,581 S		1/2017	Pevovar et al.	
D743,309 S	11/2015	Thole et al.		D776,583 S		1/2017	Scheer et al.	
D743,313 S	11/2015	Smith et al.		D776,841 S		1/2017	Kozub et al.	
D743,314 S	11/2015	Thole et al.		D776,843 S		1/2017	McCabe et al.	
D743,857 S	11/2015	McMahan et al.		D776,846 S		1/2017	Willett et al.	
D744,158 S	11/2015	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.	

(56)

References Cited

U.S. PATENT DOCUMENTS

D777,621 S	1/2017	Kim	D786,149 S	5/2017	Pevovar et al.
D777,622 S	1/2017	Kozub et al.	D786,743 S	5/2017	Smith et al.
D777,628 S	1/2017	Kozub et al.	D786,750 S	5/2017	Lee
D777,955 S	1/2017	Willett et al.	D787,386 S *	5/2017	Chang ..... D12/169
D778,212 S	2/2017	Kozub et al.	D787,446 S	5/2017	Cockerill
D778,215 S	2/2017	Kozub et al.	D787,984 S	5/2017	Fang
D780,064 S	2/2017	Smith et al.	D787,988 S	5/2017	Lee
D780,067 S	2/2017	Zipfel et al.	D787,989 S	5/2017	Kozub et al.
D780,068 S	2/2017	Whitla et al.	D787,990 S	5/2017	Kozub et al.
D780,077 S	2/2017	Kim et al.	D787,992 S	5/2017	Lee
D780,081 S	2/2017	Lee	D787,993 S	5/2017	McCabe et al.
D780,084 S	2/2017	Scheer et al.	D788,001 S	5/2017	Lee
D780,631 S	3/2017	Kozub et al.	9,643,665 B2 *	5/2017	Hommes ..... B62D 35/00
D780,644 S	3/2017	Kim et al.	D788,641 S	6/2017	Arnold
D781,184 S	3/2017	Thole et al.	D788,644 S	6/2017	Mueller
D781,192 S	3/2017	Kozub et al.	D788,645 S	6/2017	Mueller
D782,379 S	3/2017	Wassell	D788,658 S *	6/2017	Chang ..... D12/169
D783,482 S	4/2017	Smith et al.	D789,250 S	6/2017	Arnold
D784,213 S	4/2017	Karras	D789,260 S	6/2017	Smith
D784,223 S	4/2017	Lee	D789,575 S	6/2017	Willett
D784,226 S	4/2017	Cheng	D789,841 S	6/2017	Malczewski
D784,579 S	4/2017	Cheng et al.	D789,849 S	6/2017	Lee
D784,877 S	4/2017	Lee	D797,619 S *	9/2017	Jung ..... D12/169
D784,886 S	4/2017	Smith et al.	D802,496 S *	11/2017	Mainville ..... D12/169
D785,521 S	5/2017	Smith et al.	D803,111 S *	11/2017	Jang ..... D12/169
			D807,251 S *	1/2018	Piscitelli ..... D12/169
			D813,746 S *	3/2018	Behmer ..... D12/169
			D813,747 S *	3/2018	Behmer ..... D12/169

\* cited by examiner

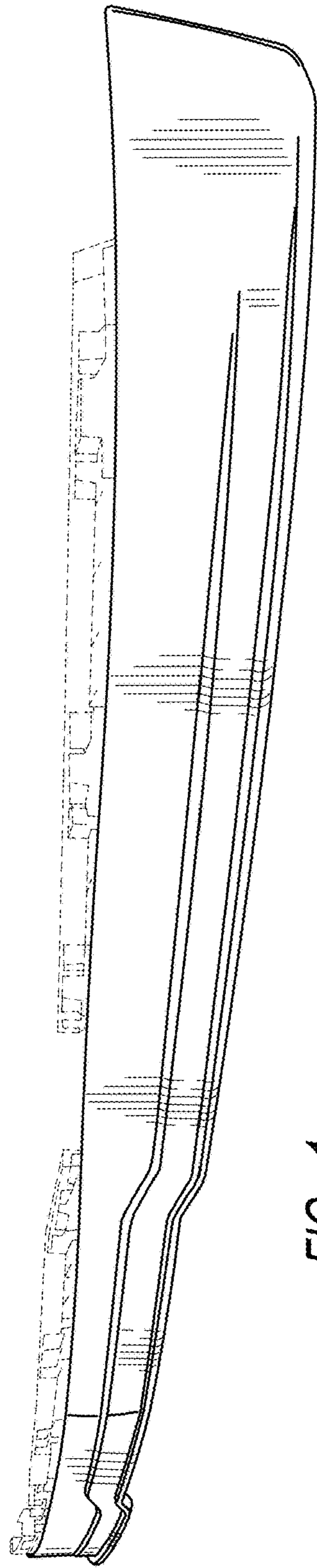


FIG-1

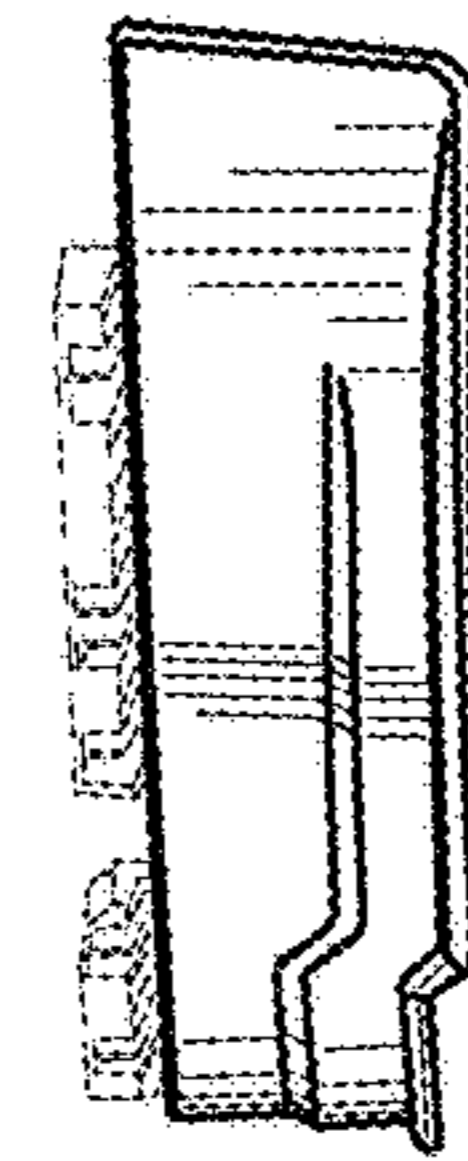


FIG-2

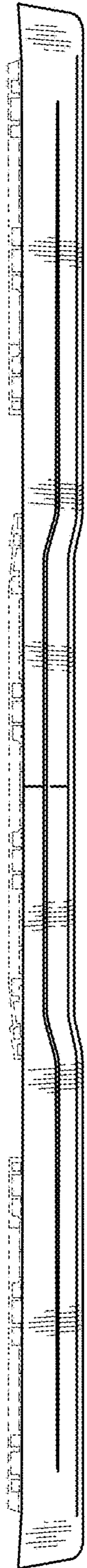


FIG - 3

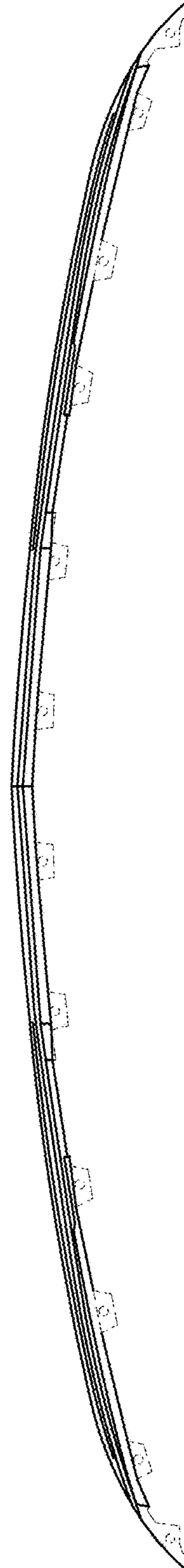


FIG - 4