US00D925420S

(12) United States Design Patent

Hunwick

(10) Patent No.: US D925,420 S
(45) Date of Patent: ** Jul. 20, 2021

(54) **VEHICLE FRONT FENDER**

(71) Applicant: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)

(72) Inventor: **Robert F. Hunwick**, Washington Township, MI (US)

(73) Assignee: **GM GLOBAL TECHNOLOGY OPERATIONS LLC**, Detroit, MI (US)

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

(21) Appl. No.: **29/707,631**

(22) Filed: **Sep. 30, 2019**

(51) **LOC (13) Cl.** **12-16**

(52) **U.S. Cl.**
USPC **D12/184**

(58) **Field of Classification Search**
USPC ... D12/1, 14, 82, 85, 86, 88, 89, 90, 91, 92, D12/93, 96, 97, 98, 99, 164, 167, 169, D12/170, 171, 172, 173, 181, 184, 185, D12/190, 192, 196, 400; D21/533, 548, D21/552, 561
CPC B62D 25/02; B62D 25/04; B62D 25/16; B62D 25/18; B62D 25/161; B62D 25/168; B62D 25/182; B60J 5/00; B60J 5/02; B60J 5/04; B60J 5/10; B60R 19/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D287,844	S	*	1/1987	Matsumoto	D12/184
D287,845	S	*	1/1987	Matsumoto	D12/184
D294,818	S	*	3/1988	Kawatsu	D12/184
D416,842	S	*	11/1999	Gabath	D12/196
D489,656	S	*	5/2004	Kneefel	D12/184
D502,131	S	*	2/2005	Otto	D12/184
D525,925	S	*	8/2006	Minowa	D12/184
D526,257	S	*	8/2006	Konaka	D12/184
D550,133	S	*	9/2007	Lamarre	D12/184
D555,557	S	*	11/2007	Schiavone	D12/184
D561,667	S	*	2/2008	Platto	D12/184
D561,668	S	*	2/2008	Suzuki	D12/184
D570,742	S		6/2008	Takagi et al.	
D572,182	S	*	7/2008	Deane	D12/184
D580,326	S	*	11/2008	Gueler	D12/184
D581,332	S	*	11/2008	Song	D12/184
D582,821	S	*	12/2008	Sato	D12/184
D583,736	S	*	12/2008	Schiavone	D12/184
D591,213	S	*	4/2009	Woolley	D12/184
D592,105	S		5/2009	Dean et al.	
D597,447	S		8/2009	Folden	

(Continued)

OTHER PUBLICATIONS

2021 Cadillac Escalade, Published date unavailable [online], [retrieved on May 15, 2021], Retrieved from the Internet: https://www.cadillac.com/suvs/escalade (Year: 2021).*

Primary Examiner — Christian P. McLean
Assistant Examiner — Adam C Mager

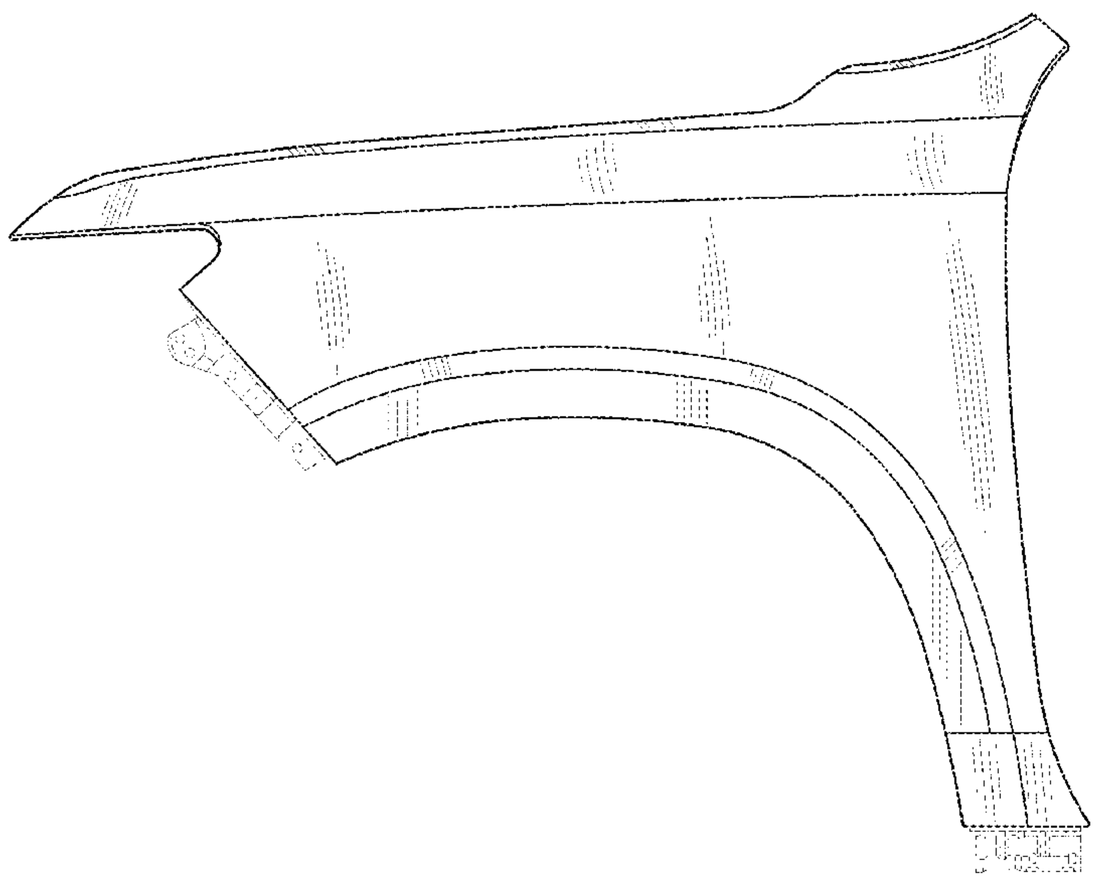
(57) **CLAIM**

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

DESCRIPTION

FIG. **1** is a front and left perspective view of a vehicle front fender showing my new design; the mirror image of the vehicle front fender is claimed, but not shown;
FIG. **2** is a front elevation view of the vehicle front fender of FIG. **1**;
FIG. **3** is a left elevation view thereof;
FIG. **4** is a right elevation view thereof;
FIG. **5** is a back elevation view thereof;
FIG. **6** is a top view thereof; and,
FIG. **7** is a bottom view thereof.
The broken lines in the drawings depict portions of the vehicle front fender that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D597,459	S	*	8/2009	Wagner	D12/184
D600,595	S		9/2009	Nakamura et al.	
D601,925	S		10/2009	O'Donnell	
D603,755	S		11/2009	Peters	
D603,773	S	*	11/2009	Schiavone	D12/184
D604,203	S		11/2009	O'Donnell	
D604,681	S	*	11/2009	Nakamura	D12/184
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.	
D607,798	S	*	1/2010	Weil	D12/184
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.	
D615,012	S	*	5/2010	Ectors	D12/181
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.	
D629,344	S	*	12/2010	Komuro	D12/181
D630,985	S	*	1/2011	Matei	D12/181
D631,413	S	*	1/2011	Kuze	D12/181
D635,488	S		4/2011	Phipps	
D644,147	S		8/2011	Suh et al.	
D644,567	S		9/2011	Kozub	
D654,413	S	*	2/2012	Okumoto	D12/184
D657,718	S		4/2012	Zipfel et al.	
D659,052	S		5/2012	Ware et al.	
D659,053	S		5/2012	Ware et al.	
D659,616	S	*	5/2012	Matsumoto	D12/184
D668,182	S		10/2012	Franco et al.	
D668,183	S		10/2012	Smart	
D669,829	S	*	10/2012	Iwao	D12/184
D671,871	S	*	12/2012	Ohkoshi	D12/184
D672,295	S	*	12/2012	Yamada	D12/184
D678,820	S		3/2013	Son et al.	
D678,821	S		3/2013	Ikeda et al.	
D680,045	S	*	4/2013	Hamilton	D12/184
D680,909	S		4/2013	Munson et al.	
D680,910	S		4/2013	David	
D683,679	S	*	6/2013	Platto	D12/184
D684,899	S		6/2013	Baker	
D684,907	S	*	6/2013	Abe	D12/184
D685,305	S	*	7/2013	Tase	D12/184
D686,536	S		7/2013	McCabe et al.	
D691,529	S	*	10/2013	Minamisawa	D12/184
D691,530	S	*	10/2013	Song	D12/184
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.	
D699,644	S	*	2/2014	Futschik	D12/181
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.	
D708,559	S	*	7/2014	Kim	D12/184
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	D12/184
D717,696	S		11/2014	Thole et al.	
D718,189	S		11/2014	Krieg et al.	
D718,683	S		12/2014	Thole et al.	
D718,687	S	*	12/2014	Ishizuka	D12/184
D721,314	S	*	1/2015	Platto	D12/184
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.	
D731,373	S	*	6/2015	Howell	D12/184
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.	
D739,317	S		9/2015	McMahan et al.	
D740,188	S	*	10/2015	Blanski	D12/184
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	D12/184
D749,246	S		2/2016	Thole et al.	
D749,249	S		2/2016	Thole et al.	
D749,250	S		2/2016	Thole et al.	
D749,985	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.	
D754,571	S		4/2016	Boniface et al.	
D754,572	S		4/2016	McMahan et al.	
D755,088	S		5/2016	McMahan et al.	
D755,096	S	*	5/2016	Wolff	D12/184
D756,869	S	*	5/2016	McMahan	D12/184
D758,271	S		6/2016	McMahan et al.	
D758,935	S	*	6/2016	Platto	D12/184
D763,753	S	*	8/2016	Hammoud	D12/184
D764,975	S		8/2016	Aengenheyster	
D764,976	S		8/2016	Aengenheyster	
D764,988	S	*	8/2016	Faghihzadeh	D12/184
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	D12/196
D767,461	S		9/2016	Kozub et al.	
D768,551	S	*	10/2016	Arroba	D12/196
D769,162	S	*	10/2016	Rodriguez	D12/184
D771,528	S		11/2016	Smith et al.	

(56) **References Cited**

U.S. PATENT DOCUMENTS

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.
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 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.
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
D787,395	S	*	5/2017	Curie D12/181
D787,446	S		5/2017	Cockerill
D787,984	S		5/2017	Fang
D787,988	S		5/2017	Lee
D787,989	S		5/2017	Kozub et al.
D787,990	S		5/2017	Kozub et al.
D787,992	S		5/2017	Lee
D787,993	S		5/2017	McCabe et al.
D788,001	S		5/2017	Lee
D788,641	S		6/2017	Arnold
D788,644	S		6/2017	Mueller
D788,645	S		6/2017	Mueller
D789,250	S		6/2017	Arnold
D789,260	S		6/2017	Smith
D789,575	S		6/2017	Willett
D789,841	S		6/2017	Lee
D789,849	S		6/2017	Lee
D789,856	S	*	6/2017	Wolff D12/196
D791,018	S		7/2017	Mylenek
D791,644	S		7/2017	Fang
D792,290	S		7/2017	Smith et al.
D792,293	S		7/2017	McCabe et al.
D792,294	S		7/2017	McCabe et al.
D792,295	S		7/2017	McCabe et al.
D792,815	S		7/2017	Kozub
D792,816	S		7/2017	Kozub
D793,290	S		8/2017	Kozub
D793,292	S		8/2017	Lee
D793,293	S		8/2017	Lee et al.
D793,294	S		8/2017	Lee
D793,295	S		8/2017	McCabe et al.
D793,296	S		8/2017	Smith et al.
D793,297	S		8/2017	Smith et al.
D793,299	S		8/2017	Krieg et al.
D793,300	S		8/2017	Krieg et al.
D793,301	S		8/2017	Kozub
D793,302	S		8/2017	Kozub
D793,311	S		8/2017	Whitla et al.
D793,590	S		8/2017	Kozub et al.
D793,591	S		8/2017	Kozub et al.
D793,917	S		8/2017	Kozub
D793,918	S		8/2017	Kozub
D794,229	S		8/2017	Barry
D794,230	S		8/2017	Kozub
D795,747	S		8/2017	Bailie
D795,757	S		8/2017	Pevovar et al.
D795,758	S		8/2017	Karras
D795,759	S		8/2017	Kozub et al.
D795,760	S		8/2017	Kozub et al.
D795,762	S		8/2017	Lee
D795,763	S		8/2017	Kozub
D796,088	S		8/2017	McCabe et al.
D796,093	S		8/2017	Mainville
D796,390	S		9/2017	Pevovar et al.
D797,537	S		9/2017	Cooper et al.
D797,603	S		9/2017	Noone et al.
D797,614	S		9/2017	Lee
D797,616	S		9/2017	Lee
D797,624	S	*	9/2017	Nakamura D12/184
D797,625	S		9/2017	Perkins
D797,631	S		9/2017	Pevovar et al.
D797,632	S		9/2017	Zipfel et al.
D797,967	S		9/2017	Barry
D797,970	S		9/2017	Mainville
D797,971	S		9/2017	Mainville
D797,972	S		9/2017	Whitla et al.
D798,204	S		9/2017	Mainville
D799,384	S		10/2017	Kozub et al.
D799,385	S		10/2017	Kozub et al.
D799,386	S		10/2017	Kozub et al.
D799,728	S		10/2017	Whitla et al.
D801,236	S		10/2017	Kozub et al.
D801,577	S		10/2017	Ruiz
D801,882	S		11/2017	Kozub et al.
D802,205	S		11/2017	Ruiz
D802,478	S		11/2017	Perkins
D802,491	S		11/2017	Mainville
D802,496	S		11/2017	Mainville
D802,502	S		11/2017	McMahan
D803,119	S	*	11/2017	Beermann D12/184
D803,727	S		11/2017	Noone et al.
D803,731	S		11/2017	Zipfel
D803,741	S	*	11/2017	Tsubaki D12/184
D804,370	S		12/2017	Kozub et al.
D804,371	S		12/2017	Whitla et al.
D804,372	S		12/2017	Kozub
D804,378	S		12/2017	Perkins
D804,379	S		12/2017	McMahan
D805,006	S		12/2017	Nakamura
D805,013	S	*	12/2017	Whitla D12/181
D805,014	S		12/2017	Zipfel et al.
D805,441	S		12/2017	Karras
D805,964	S		12/2017	Whitla et al.
D805,965	S		12/2017	Davis
D805,966	S		12/2017	Perkins
D805,985	S		12/2017	Nakamura
D807,232	S		1/2018	Bailie
D807,239	S		1/2018	Perkins
D807,240	S		1/2018	Perkins
D807,241	S		1/2018	Perkins

(56) **References Cited**

U.S. PATENT DOCUMENTS

D807,261	S	*	1/2018	Zavatski	D12/184
D807,262	S	*	1/2018	Piscitelli	D12/184
D809,442	S		2/2018	Zipfel et al.	
D811,269	S		2/2018	Thompson et al.	
D811,942	S		3/2018	Jacob	
D811,957	S		3/2018	Whitla et al.	
D811,958	S		3/2018	Zipfel et al.	
D811,959	S		3/2018	Perkins	
D811,960	S		3/2018	Nakamura	
D811,961	S		3/2018	Sullivan	
D811,962	S		3/2018	Sullivan	
D811,963	S		3/2018	Sullivan	
D811,964	S		3/2018	Perkins	
D811,965	S		3/2018	Moffett et al.	
D812,525	S		3/2018	Lee	
D812,526	S		3/2018	Zipfel et al.	
D812,527	S		3/2018	Perkins	
D812,528	S		3/2018	Nakamura	
D813,098	S		3/2018	Thompson et al.	
D813,109	S		3/2018	Zipfel et al.	
D813,110	S		3/2018	Whitla et al.	
D813,111	S		3/2018	Sullivan	
D813,116	S		3/2018	Park	
D813,117	S		3/2018	Sullivan	
D813,121	S		3/2018	Swanseger	
D813,730	S		3/2018	Zipfel et al.	
D813,731	S		3/2018	McMahan	
D813,732	S		3/2018	Whitla et al.	
D813,733	S		3/2018	Lee	
D813,734	S		3/2018	Nakamura	
D813,740	S		3/2018	Park	
D813,741	S		3/2018	Perkins	
D813,742	S		3/2018	McMahan et al.	
D813,743	S		3/2018	Lee	
D813,744	S		3/2018	Whitla et al.	
D813,748	S		3/2018	Kim	
D813,753	S		3/2018	Loeb	
D813,754	S		3/2018	Loeb	
D813,755	S		3/2018	Loeb	
D813,756	S		3/2018	Loeb	
D813,757	S		3/2018	Kozub	
D813,758	S		3/2018	Gonzales	
D813,759	S		3/2018	Perkins	
D814,369	S		4/2018	Loeb	
D814,982	S		4/2018	Whitla et al.	
D814,983	S		4/2018	Whitla et al.	
D815,570	S		4/2018	McMahan et al.	
D815,572	S		4/2018	Perkins	
D815,573	S		4/2018	Whitla et al.	
D815,574	S		4/2018	Mainville	
D815,985	S		4/2018	Mueller	
D815,993	S		4/2018	Kozub et al.	
D815,994	S		4/2018	Nakamura	
D816,003	S		4/2018	Perkins	
D816,558	S		5/2018	McMahan et al.	
D816,559	S		5/2018	McMahan et al.	
D816,561	S		5/2018	McMahan	
D816,562	S		5/2018	Whitla et al.	
D816,563	S		5/2018	McMahan et al.	
D816,564	S		5/2018	Kim	
D816,565	S		5/2018	Kim	
D816,566	S		5/2018	Loeb	
D817,836	S		5/2018	McMahan et al.	
D818,156	S		5/2018	Kim et al.	
D818,157	S		5/2018	Zipfel et al.	
D818,158	S		5/2018	Zipfel et al.	
D818,159	S		5/2018	Zipfel et al.	
D818,160	S		5/2018	Perkins	
D818,406	S	*	5/2018	McMahan	D12/184
D818,876	S		5/2018	Whitla et al.	
D818,877	S		5/2018	Nakamura et al.	
D818,878	S		5/2018	McMahan et al.	
D818,892	S		5/2018	Lee	
D818,893	S		5/2018	Kim	
D818,903	S		5/2018	Zipfel et al.	
D818,906	S		5/2018	McMahan	
D818,907	S		5/2018	Whitla et al.	
D818,915	S		5/2018	Kozub et al.	
D818,922	S		5/2018	Whitla et al.	
D819,505	S		6/2018	McMahan et al.	
D819,519	S		6/2018	Whitla et al.	
D820,751	S	*	6/2018	Luk	D12/184
D821,617	S		6/2018	Perkins	
D821,938	S	*	7/2018	Bucher	D12/169
D822,550	S		7/2018	Wassell et al.	
D822,551	S		7/2018	McMahan et al.	
D823,188	S		7/2018	Loeb	
D823,738	S		7/2018	Kim	
D823,741	S		7/2018	Kim	
D823,762	S		7/2018	Loeb	
D823,763	S		7/2018	Koo et al.	
D824,811	S		8/2018	Mainville	
D824,812	S		8/2018	Loeb	
D824,824	S		8/2018	Kim	
D824,825	S		8/2018	Loeb	
D825,083	S		8/2018	Perkins	
D825,388	S		8/2018	Karras et al.	
D825,403	S		8/2018	Whitla et al.	
D826,114	S		8/2018	Smith et al.	
D826,435	S		8/2018	Kim	
D826,803	S		8/2018	Smith et al.	
D826,811	S	*	8/2018	Lim	D12/184
D827,506	S		9/2018	McMahan et al.	
D827,508	S		9/2018	Whitla et al.	
D827,510	S		9/2018	Kim	
D827,527	S		9/2018	Loeb	
D827,529	S	*	9/2018	Al Attar	D12/184
D828,246	S		9/2018	Loeb	
D828,255	S	*	9/2018	Kozub	D12/184
D828,256	S	*	9/2018	Zipfel	D12/184
D828,261	S		9/2018	Moffett et al.	
D828,935	S		9/2018	Hochmuth	
D829,622	S		10/2018	Jacob	
D830,241	S		10/2018	Kozub	
D830,242	S		10/2018	Zipfel	
D830,252	S		10/2018	Swanseger	
D830,258	S		10/2018	McMahan et al.	
D830,261	S		10/2018	Jacob	
D830,589	S		10/2018	Henriques	
D832,752	S		11/2018	Lee	
D835,003	S		12/2018	Thompson et al.	
D835,012	S		12/2018	Smith et al.	
D837,105	S		1/2019	Loeb	
D837,109	S		1/2019	Kozub et al.	
D837,424	S		1/2019	Whitla et al.	
D838,015	S		1/2019	McMahan et al.	
D838,016	S		1/2019	McMahan et al.	
D838,390	S		1/2019	McMahan et al.	
D838,391	S		1/2019	McMahan et al.	
D839,157	S		1/2019	Smith et al.	
D839,163	S		1/2019	Pinazzo et al.	
D839,164	S		1/2019	Zipfel	
D839,460	S		1/2019	Zipfel et al.	
D840,068	S		2/2019	Zipfel et al.	
D840,069	S		2/2019	Perkins	
D840,285	S		2/2019	Mack et al.	
D840,286	S		2/2019	Mack et al.	
D840,293	S		2/2019	Koo et al.	
D840,302	S		2/2019	O'Donnell et al.	
D840,303	S		2/2019	Park Cheng	
D840,306	S		2/2019	Kozub	
D840,565	S		2/2019	Whitla et al.	
D840,570	S		2/2019	Kim et al.	
D840,571	S		2/2019	Zipfel et al.	
D840,572	S		2/2019	Perkins	
D840,885	S		2/2019	Park Cheng	
D841,527	S		2/2019	Kozub et al.	
D841,532	S		2/2019	Koo et al.	
D841,540	S		2/2019	Koo et al.	
D841,541	S		2/2019	Krieg	
D841,542	S		2/2019	Koo et al.	
D841,547	S		2/2019	Zipfel et al.	
D841,843	S		2/2019	Park	
D841,844	S		2/2019	Perkins	

(56) **References Cited**

U.S. PATENT DOCUMENTS

D841,845	S		2/2019	Park
D842,178	S		3/2019	Pinazzo et al.
D842,306	S		3/2019	Lindo et al.
D843,023	S		3/2019	Whitla et al.
D843,024	S		3/2019	Hochmuth
D843,025	S		3/2019	Smith et al.
D843,275	S		3/2019	Koo et al.
D843,280	S		3/2019	Thurber et al.
D843,614	S		3/2019	Whitla et al.
D843,616	S		3/2019	Smith et al.
D843,617	S		3/2019	Smith et al.
D843,891	S		3/2019	Thompson et al.
D843,904	S		3/2019	Kim
D844,184	S		3/2019	Whitla et al.
D844,185	S		3/2019	Hochmuth
D844,186	S		3/2019	Smith et al.
D845,184	S		4/2019	Zipfel
D845,186	S		4/2019	Koo et al.
D845,187	S		4/2019	Pinazzo et al.
D845,188	S		4/2019	Pinazzo et al.
D845,189	S		4/2019	Pinazzo et al.
D845,190	S		4/2019	Zipfel
D845,196	S		4/2019	Kozub
D845,518	S		4/2019	Kozub
D845,519	S		4/2019	Zipfel
D846,448	S		4/2019	Loeb
D846,457	S		4/2019	Koo et al.
D846,458	S		4/2019	Mack et al.
D846,769	S		4/2019	Koo et al.
D846,770	S		4/2019	Kozub
D846,771	S		4/2019	Zipfel
D846,772	S		4/2019	Pinazzo et al.
D847,027	S		4/2019	Loeb
D847,028	S		4/2019	Loeb
D847,038	S		4/2019	Loeb
D847,041	S		4/2019	Blanski et al.
D847,042	S		4/2019	Pinazzo et al.
D847,043	S		4/2019	Kozub
D847,044	S		4/2019	Zipfel
D847,045	S		4/2019	Whitla et al.
D847,046	S		4/2019	Whitla et al.
D847,047	S		4/2019	Krieg et al.
D847,390	S		4/2019	Koo et al.
D847,391	S		4/2019	Pinazzo et al.
D847,392	S		4/2019	Zipfel
D847,699	S		5/2019	Kozub
D847,700	S		5/2019	Kozub
D847,701	S		5/2019	Kozub
D847,702	S		5/2019	Zipfel
D847,703	S		5/2019	Kozub
D847,704	S		5/2019	Zipfel
D847,705	S		5/2019	Zipfel
D847,707	S		5/2019	Park Cheng et al.
D847,714	S		5/2019	Mack et al.
D848,315	S		5/2019	Koo et al.
D848,318	S		5/2019	McMahan et al.
D848,320	S		5/2019	Pinazzo et al.
D848,322	S		5/2019	Mack et al.
D848,323	S		5/2019	Mack et al.
D848,324	S		5/2019	Thurber et al.
D848,325	S		5/2019	Thurber et al.
D848,647	S		5/2019	Kozub
D848,908	S		5/2019	Krieg
D848,909	S		5/2019	Lee
D848,911	S		5/2019	De Leon
D848,915	S		5/2019	Izard
D849,627	S		5/2019	Zipfel
D849,629	S		5/2019	De Leon
D849,630	S		5/2019	De Leon
D850,341	S		6/2019	Riggs et al.
D850,989	S		6/2019	Kozub
D851,002	S		6/2019	Kozub
D851,541	S		6/2019	Pinazzo
D851,542	S		6/2019	Mack
D851,547	S		6/2019	Mack et al.
D851,548	S		6/2019	Mack et al.
D851,549	S		6/2019	Mack et al.
D851,550	S		6/2019	Mack et al.
D851,551	S		6/2019	Mack et al.
D851,552	S		6/2019	Mack et al.
D851,555	S		6/2019	Whitla et al.
D851,556	S		6/2019	Thurber et al.
D851,557	S		6/2019	Thurber et al.
D851,558	S		6/2019	Thurber et al.
D851,559	S		6/2019	Thurber et al.
D851,560	S		6/2019	Yong et al.
D851,561	S		6/2019	Yong et al.
D852,093	S		6/2019	Kozub
D852,094	S		6/2019	Zipfel
D852,096	S		6/2019	Kozub
D852,099	S		6/2019	Loeb
D852,389	S		6/2019	Koo et al.
D852,393	S		6/2019	Whitla et al.
D853,903	S		7/2019	Loeb
D853,904	S		7/2019	Koo et al.
D853,914	S	*	7/2019	Lucas D12/184
D853,924	S		7/2019	Riggs et al.
D854,462	S		7/2019	Lee
D854,471	S	*	7/2019	Lee D12/184
D854,977	S		7/2019	Parkinson et al.
D854,979	S		7/2019	Krieg et al.
D854,988	S		7/2019	Krieg
D854,991	S		7/2019	Whitla et al.
D855,503	S		8/2019	Blanski et al.
D855,504	S		8/2019	Lee
D855,505	S		8/2019	Thurber et al.
D855,507	S		8/2019	Blanski et al.
D855,508	S		8/2019	Wilkins et al.
D855,509	S		8/2019	Wilkins
D855,515	S		8/2019	Riggs et al.
D855,518	S		8/2019	Whitla et al.
D855,520	S	*	8/2019	Parkinson D12/184
D855,523	S		8/2019	Perkins
D855,524	S		8/2019	Lee
D856,201	S		8/2019	Blanski et al.
D856,204	S		8/2019	Kapitonov
D856,206	S		8/2019	De Leon
D856,242	S		8/2019	Blanski et al.
D856,864	S		8/2019	Kapitonov
D856,874	S		8/2019	Kozub
D856,875	S		8/2019	Kozub
D856,876	S		8/2019	Kapitonov
D856,879	S	*	8/2019	Woodhouse D12/184
D857,260	S		8/2019	Kil et al.
D857,567	S		8/2019	Blanski et al.
D857,936	S		8/2019	Kil et al.
D857,938	S		8/2019	Blanski et al.
D857,939	S		8/2019	Kozub
D857,940	S		8/2019	Park
D857,941	S		8/2019	Whitla et al.
D857,942	S		8/2019	Perkins
D857,943	S		8/2019	Hochmuth
D857,944	S		8/2019	Pinazzo et al.
D857,945	S		8/2019	Smith et al.
D857,946	S		8/2019	Smith et al.
D857,947	S		8/2019	Koo et al.
D857,948	S		8/2019	Koo et al.
D857,949	S		8/2019	Smith et al.
D857,950	S		8/2019	Zipfel
D857,951	S		8/2019	Whitla et al.
D857,952	S		8/2019	Smith et al.
D858,373	S		9/2019	Blanski et al.
D858,377	S		9/2019	Riggs et al.
D858,813	S		9/2019	Datta
D858,814	S		9/2019	Burns
D858,817	S		9/2019	Henriques
D858,818	S		9/2019	McMahan et al.
D858,819	S		9/2019	McMahan et al.
D858,820	S		9/2019	McMahan et al.
D858,821	S		9/2019	Park
D858,822	S		9/2019	Whitla et al.
D858,823	S		9/2019	Zipfel
D858,824	S		9/2019	Pinazzo et al.
D859,229	S		9/2019	Karras et al.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D859,230	S		9/2019	Parkinson et al.	
D859,231	S		9/2019	Wilkins et al.	
D859,232	S		9/2019	Izard et al.	
D859,233	S		9/2019	Izard et al.	
D859,237	S		9/2019	Koo et al.	
D859,238	S		9/2019	Smith et al.	
D859,239	S		9/2019	Sullivan et al.	
D859,246	S		9/2019	Thurber et al.	
D859,248	S	*	9/2019	Wilkins	D12/184
D859,252	S		9/2019	Krieg	
D859,253	S		9/2019	Izard	
D859,254	S		9/2019	Izard	
D859,707	S		9/2019	McMahan et al.	
D859,708	S		9/2019	Kozub	
D859,709	S		9/2019	Zipfel	
D860,075	S		9/2019	Riggs et al.	
D860,076	S		9/2019	Bartels et al.	
D860,077	S		9/2019	Riggs et al.	
D860,078	S		9/2019	O'Donnell et al.	
D860,079	S		9/2019	Sullivan et al.	
D860,085	S		9/2019	Koo et al.	
D860,489	S		9/2019	Henriques	
D860,490	S		9/2019	Henriques	
D864,812	S	*	10/2019	Dewitt	D12/184
D871,985	S	*	1/2020	Park	D12/184
D873,740	S	*	1/2020	Zipfel	D12/184
D873,741	S	*	1/2020	Davidson	D12/184
D874,365	S	*	2/2020	Woodhouse	D12/181
D887,928	S	*	6/2020	Metros	D12/184
D890,658	S	*	7/2020	Ninov	D12/184
D890,659	S	*	7/2020	Owens	D12/184
D904,950	S	*	12/2020	Al Attar	D12/184
D908,053	S	*	1/2021	Park	D12/184
2016/0059901	A1	*	3/2016	Joseph	B62D 25/165 296/198

* cited by examiner

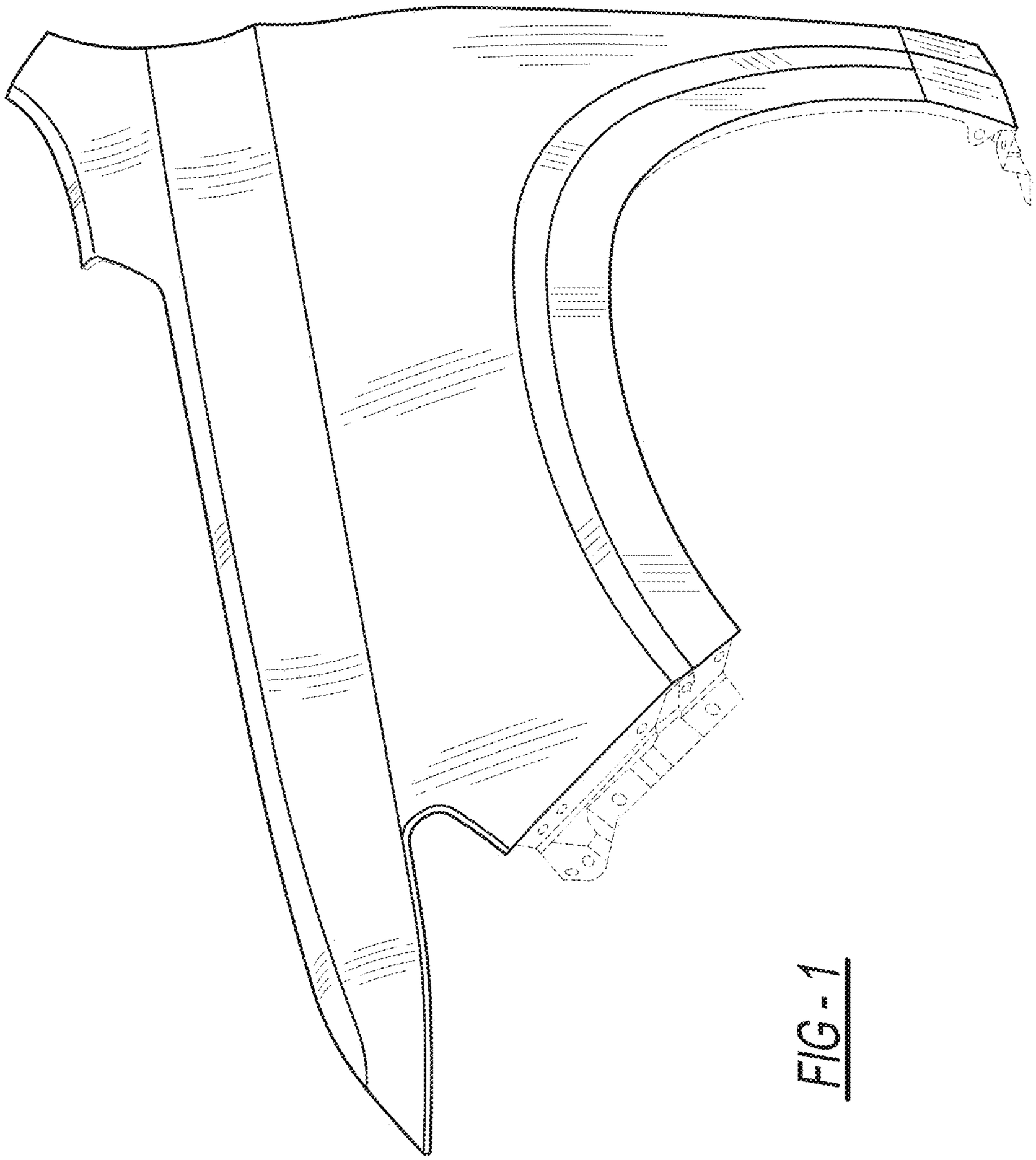


FIG. 1

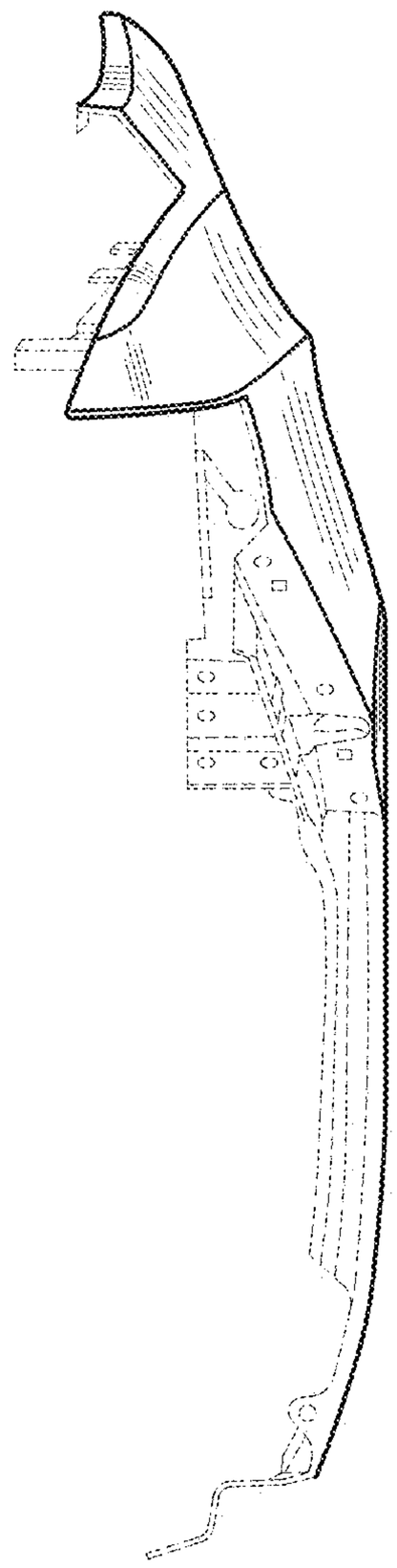


FIG - 2

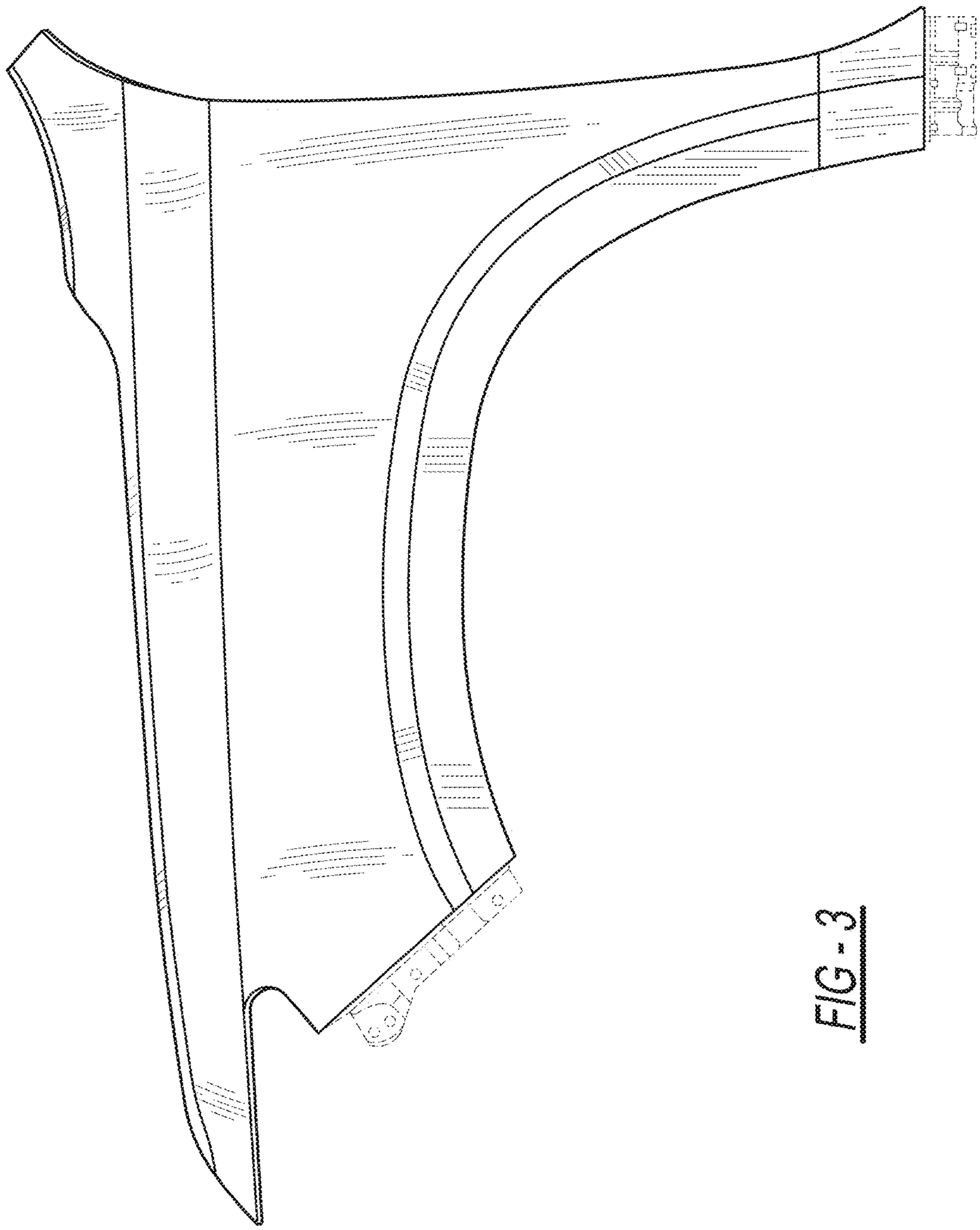


FIG. 3

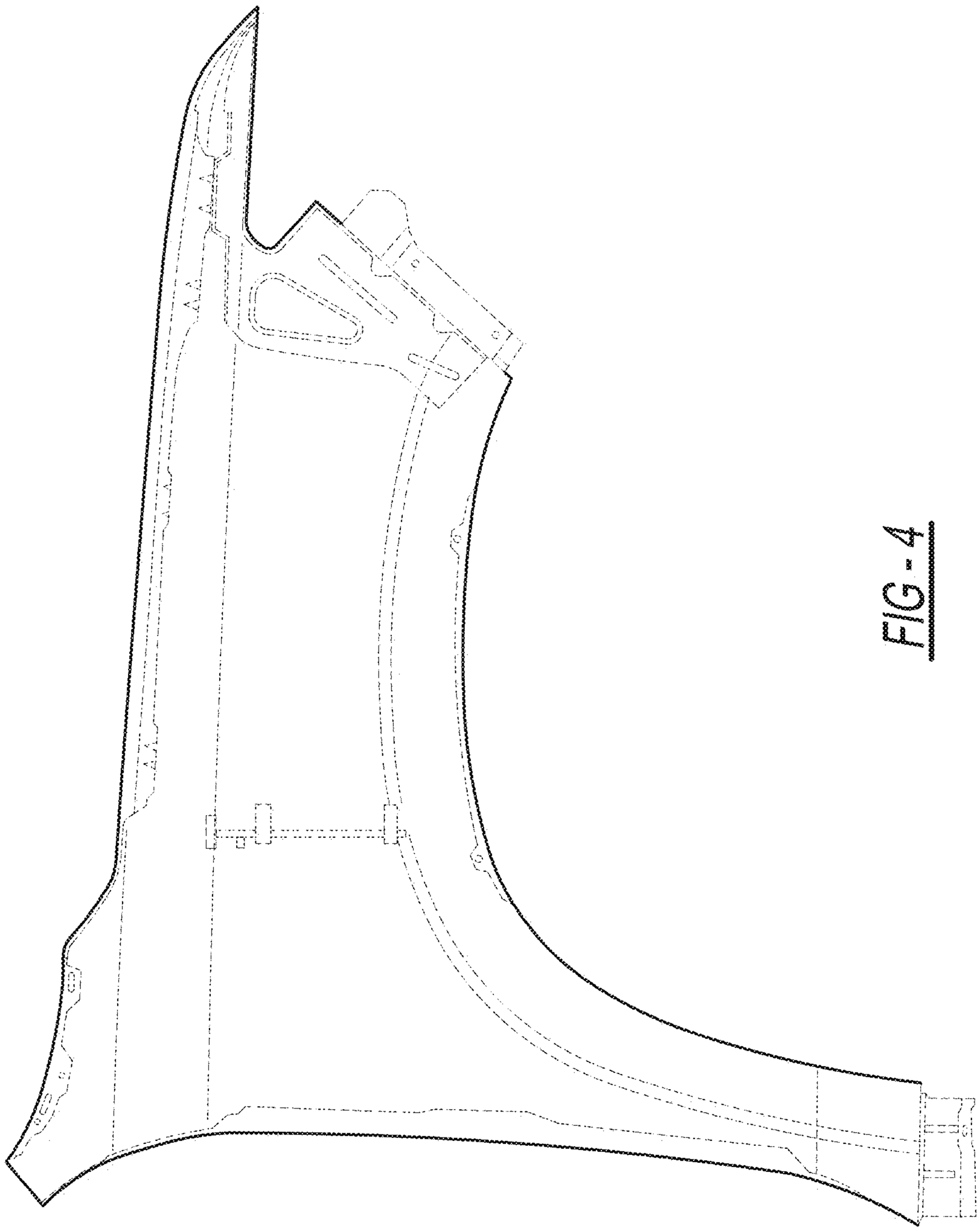


FIG - 4

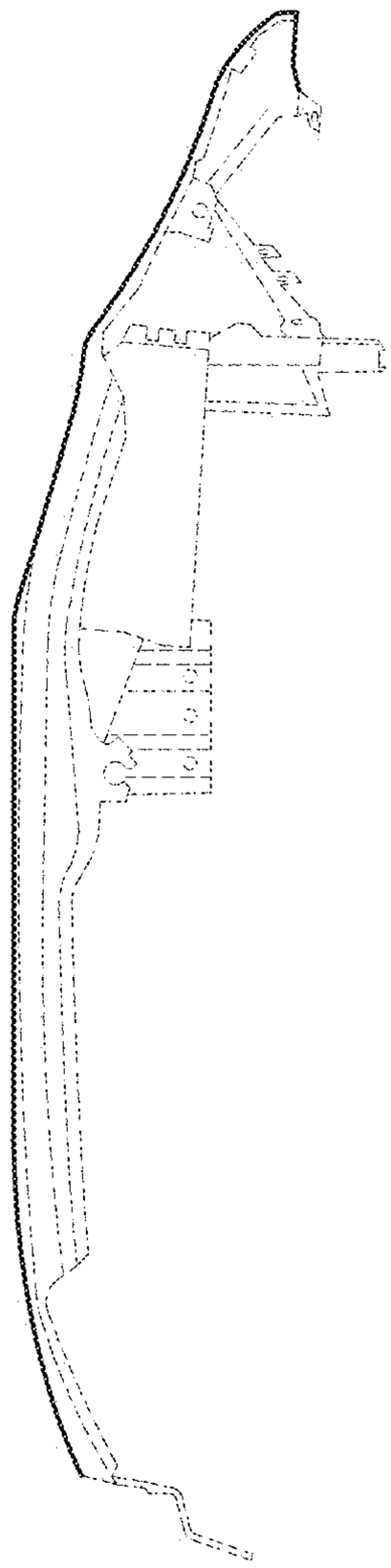


FIG - 5

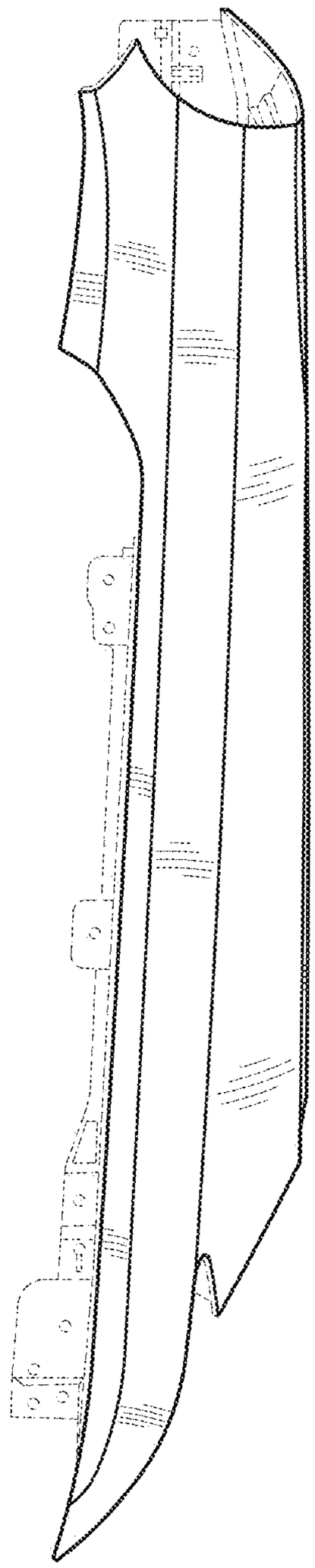


FIG. 6

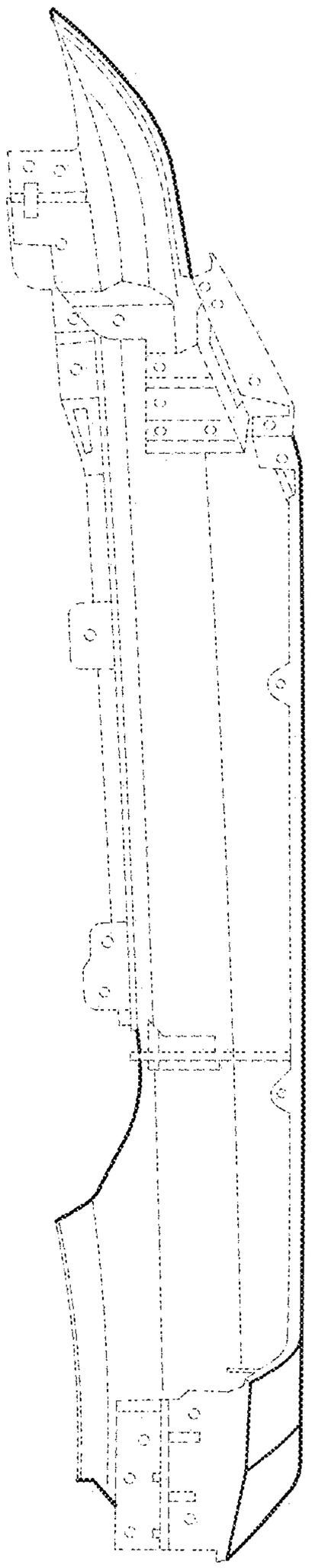


FIG - 7