504102479 11/18/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKEMI NISHIKAWA	11/16/2016
KAZUNORI IIMI	11/16/2016
TAKAO TANI	11/16/2016
HIDEO AIMOTO	11/16/2016
NAOKI KAMIZAWA	11/16/2016
CHRISTOPHER ROBERT HARTLEY	11/15/2016
PATRICK DEAN GRATTAN	11/15/2016
PERRY MCCONNELL	11/16/2016
DAVID JAMES WOZNIAK	11/15/2016
MICHAEL JAMES MCGORY	11/15/2016

RECEIVING PARTY DATA

Name:	NISSAN NORTH AMERICA, INC.	
Street Address:	ONE NISSAN WAY	
City:	FRANKLIN	
State/Country:	TENNESSEE	
Postal Code:	37067	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15338871	

CORRESPONDENCE DATA

504102479

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ATTORNEY DOCKET NUMBER: NT-US165543

REEL: 040366 FRAME: 0483

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NAME OF SUBMITTER:	JOHN C. ROBBINS	
SIGNATURE: /John C. Robbins/		
DATE SIGNED:	11/18/2016	
Total Attachments: 4		
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PATENT REEL: 040366 FRAME: 0484

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

> NISSAN NORTH AMERICA, INC. One Nissan Way Franklin, Tennessee 37067

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

VEHICLE STRUCTURE

() () (X)	executed concurrently herewith executed on
	tates Patent Application including any and all divisions or continua

as set forth in his/her United States Patent Application

tions and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith:

Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith:

Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention:

Each of the undersigned hereby grants the firm of Global IP Counselors, LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Name: Takemi NISHIKAWA

Date: 2016/11/16

Name: Kayupori IIMI

Name:	7,70m Takao TANI	Date:	2016,11,16,	
Name:	Hideo AIMOTO	Date:	2016/11/16	
Name:	Naoki KAMIZAWA	Date:	2016_11.16	
Name:	Christopher Robert HARTLEY	Date:		
Name:	Patrick Dean GRATTAN	Date:		
Name:	Perry MCCONNELL	Date:		
Name:	David James WOZNIAK	Date:		
Name:	Michael James MCGORY	Date:		;

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PATENT REEL: 040366 FRAME: 0486

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

NISSAN NORTH AMERICA, INC. One Nissan Way Franklin, Tennessee 37067

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to his invention relating to

VEHICLE STRUCTURE

as set forth in his/her United States Patent Application		
 () executed concurrently herewith () executed on		
in and to said United States Patent Application including any and all divisions or continuations and Convention applications based in whole or in part on said invention or upon said application, including the right to make applications for Letters Patents throughout the world in respect to the invention and to claim priority under the International Convention for the Protection of Industrial Property, and in and to any and all Letters Patent of any country which may issue on any such application or for said invention, including any and all reissues, reexaminations, or extensions, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;		
Each of the undersigned warrants and covenants that he/she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he/she has not executed and will not execute any document or instrument in conflict herewith;		
Each of the undersigned further covenants and agrees that at any time upon request of said ASSIGNEE, its successors, legal representatives or assigns he/she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him/her relating		

said invention;

Each of the undersigned hereby grants the firm of Global IP Counselors, LLP the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

to said invention or patent application and that he/she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues, reexaminations, or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for

		Date:	
Name:	Takemi NISHIKAWA		
		Date:	
Name:	Kazunori IIMI		

Name:	Takao TANI	Date:
Name:	Hideo AIMOTO	Date:
Name:	Naoki KAMIZAWA	Date:
Name:	Christopher Robert HARTLEY	' ate:
Name:	Patrick Dean GRATTAN	Date: 11/15/16
Name:	Perry MCCONNELL D	Date: 11/16/2016
Name:	David James WOZNIAK	Date: _!//15/162
Name:	Michael James MCGORY	Date: 115-16

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RECORDED: 11/18/2016

PATENT REEL: 040366 FRAME: 0488