505701849 10/01/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5748659

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NISSAN NORTH AMERICA, INC.	09/16/2019

RECEIVING PARTY DATA

Name:	NISSAN MOTOR CO., LTD.
Street Address:	2, TAKARA-CHO, KANAGAWA-KU
City:	YOKOHAMA-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	221-0023

PROPERTY NUMBERS Total: 14

Property Type	Number
Patent Number:	10322620
Patent Number:	10325519
Patent Number:	10315603
Patent Number:	10272946
Patent Number:	10266144
Patent Number:	10259288
Patent Number:	10251211
Patent Number:	10249056
Patent Number:	10247597
Patent Number:	10246072
Patent Number:	10246051
Patent Number:	10246046
Patent Number:	10246020
Patent Number:	10239430

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PATENT 505701849 REEL: 050589 FRAME: 0642

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NAME OF SUBMITTER:	DAVID L. TARNOFF
SIGNATURE:	/David L. Tarnoff/
DATE SIGNED:	10/01/2019

Total Attachments: 2

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PATENT REEL: 050589 FRAME: 0643

ASSIGNMENT

WHEREAS, NISSAN NORTH AMERICA, INC., a U.S. Corporation, located and doing business at One Nissan Way Franklin, Tennessee 37067, (hereinafter ASSIGNOR),

is the owner of the entire right, title and interest of the following Letters Patent of the United States:

U.S. Patent No.	Issue Date	Recordation Date	Reel/Frame
10,322,620	06/18/2019	02/16/2016	037742/0067
10,325,519	06/18/2019	05/05/2017	042254/0385
10,315,603	06/11/2019	09/28/2017	043724/0355
10,272,946	04/30/2019	01/27/2017	041108/0384
10,266,144	04/23/2019	06/09/2017	042664/0536
10,259,288	04/16/2019	10/01/2014	033865/0595
10,251,211	04/02/2019	04/06/2018	045465/0256
10,249,056	04/02/2019	02/08/2019	048278/0485
10,247,597	04/02/2019	07/28/2016	039281/0127
10,246,072	04/02/2019	10/25/2016	040122/0111
10,246,051	04/02/2019	06/07/2017	042638/0120
10,246,046	04/02/2019	06/13/2017	042697/0132
10,246,020	04/02/2019	12/14/2017	044400/0881
10,239,430	03/26/2019	09/28/2016	039880/0889

WHEREAS, NISSAN MOTOR CO., LTD., a Japanese Corporation, located and doing business at 2, Takara-cho, Kanagawa-ku
Yokohama-shi, Kanagawa 221-0023, JAPAN,
(hereinafter ASSIGNEE),

is desirous of acquiring the entire right, title and interest in and to the aforesaid United States Patents;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for and in consideration of good and valuable consideration paid to ASSIGNOR by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, said ASSIGNOR, by these presents does hereby sell, assign, set over and transfer unto the said ASSIGNEE its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid United States Patents;

AND ASSIGNOR HEREBY covenants that it has the full right to convey the entire right, title and interest herein assigned and that it has not executed and will not execute any assignment or other instrument in conflict herewith;

AND ASSIGNOR HEREBY conveys any and all claims for damages, royalties, profits, interest, costs, and fees by way of past, present and future infringements of any of the rights included above, as well as but not limited to the right to collect such damages, royalties, profits, interest, costs, and fees for infringements occurring from the date of publication of the application of the aforementioned United States Patents to the date of issuance of the aforementioned United States Patents, with the right, but not the obligation, to sue for and collect such damages, royalties, profits, interest, costs, and fees for said infringements of the aforementioned United States Patents;

AND ASSIGNOR HEREBY further covenants and agrees to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said inventions, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do every thing possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said inventions in all countries, and likewise I make these provisions binding upon my heirs, legal representatives and/or administrators.

PATENT REEL: 050589 FRAME: 0644

The undersigned hereby grants the firm of CAssignment any further identification which may be U.S. Patent and Trademark Office for recordation of By:	necessary or desirable this Assignment.	to comply with the rules of the
Name: <u>Paul Peruski</u>		
Title: <u>Senior Director</u> On behalf of Assignor NISSAN NORTH AMERICA, INC.		

PATENT REEL: 050589 FRAME: 0645

RECORDED: 10/01/2019