503269761 04/17/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NISSAN NORTH AMERICA, INC.	04/13/2015

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: 1

Property Type	Number
Patent Number:	8948972

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: GLOBAL IP COUNSELORS, LLP **Address Line 1:** 1233 TWENTIETH ST. N. W.

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ATTORNEY DOCKET NUMBER:	NT-US125161
NAME OF SUBMITTER:	DAVID L. TARNOFF
SIGNATURE:	/David L. Tarnoff/
DATE SIGNED:	04/17/2015

Total Attachments: 1

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PATENT 503269761 REEL: 035438 FRAME: 0815

ASSIGNMENT

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

has an ownership interest in the entire right, title and interest of the following Letters Patent of the United States:

U.S. Patent No. Issue Date Recordation Date 8,948,972 02/03/2015 03/01/2013 029906/0990

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 ownership interest in the entire right, title and interest owned by NISSAN NORTH AMERICA, INC. in and to the aforesaid United States Patents, and acknowledges an ownership interest in the right, title and interest in and to the aforesaid United States Patents that is still held by the University of Michigan;

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.

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 Toryecordation of this Assignment.

Name: Paul D. Peruski Title: Director

On behalf of Assignor

NISSAN NORTH AMERICA, INC.

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PATENT REEL: 035438 FRAME: 0816

Date: April 13, 2015

RECORDED: 04/17/2015