

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4321008

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|------------------------------|----------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------|----------------|
| NISSAN NORTH AMERICA, INC. | 03/14/2017 |

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: 12

| Property Type | Number |
|----------------|---------|
| Patent Number: | 9507345 |
| Patent Number: | 9505306 |
| Patent Number: | 9485247 |
| Patent Number: | 9481310 |
| Patent Number: | 9458926 |
| Patent Number: | 9458653 |
| Patent Number: | 9457737 |
| Patent Number: | 9457729 |
| Patent Number: | 9457723 |
| Patent Number: | 9457707 |
| Patent Number: | 9457698 |
| Patent Number: | 9457649 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | NNA-NML FY16-3Q |
| NAME OF SUBMITTER: | DAVID L. TARNOFF |
| SIGNATURE: | /David L. Tarnoff/ |
| DATE SIGNED: | 03/16/2017 |
| Total Attachments: 1 source=NNA_Assignments_March2017#page1.tif | |

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:

Table with 4 columns: U.S. Patent No., Issue Date, Recordation Date, Reel/Frame. Lists 14 patent entries.

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.

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.

Handwritten signature of Paul D. Perowski

Date: 14 MAR 2017

Name: Paul D. Perowski
Title: Director
On behalf of Assignor
NISSAN NORTH AMERICA, INC.

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