

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tsutomu SOGA</td> <td>05/08/2013</td> </tr> <tr> <td>Atsushi TAKANO</td> <td>05/17/2013</td> </tr> <tr> <td>Naoki YAMAMOTO</td> <td>05/13/2013</td> </tr> <tr> <td>Takashi IIMORI</td> <td>05/08/2013</td> </tr> <tr> <td>Kazuhiko OKINO</td> <td>05/13/2013</td> </tr> <tr> <td>Hisashi NIIOKA</td> <td>05/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Tsutomu SOGA	05/08/2013	Atsushi TAKANO	05/17/2013	Naoki YAMAMOTO	05/13/2013	Takashi IIMORI	05/08/2013	Kazuhiko OKINO	05/13/2013	Hisashi NIIOKA	05/15/2013
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<table border="1"> <tr> <td>Name:</td> <td>NISSAN MOTOR CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>2, Takara-cho, Kanagawa-ku</td> </tr> <tr> <td>City:</td> <td>Yokohama-shi, Kanagawa</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>221-0023</td> </tr> </table>		Name:	NISSAN MOTOR CO., LTD.	Street Address:	2, Takara-cho, Kanagawa-ku	City:	Yokohama-shi, Kanagawa	State/Country:	JAPAN	Postal Code:	221-0023				
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PROPERTY NUMBERS Total: 1															
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CORRESPONDENCE DATA															
<p>Fax Number: 2026725399 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-672-5300 Email: rfeimster@foley.com Correspondent Name: GLENN LAW Address Line 1: FOLEY & LARDNER LLP SUITE 500 Address Line 2: 3000 K STREET, N.W. Address Line 4: Washington, DISTRICT OF COLUMBIA 20007-5143</p>															
ATTORNEY DOCKET NUMBER:	023971-0916														

NAME OF SUBMITTER:	Renell G. Feimster for Glenn Law
Signature:	/Renell G. Feimster/
Date:	07/15/2013
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

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

name and
address of
assignee

NISSAN MOTOR CO., LTD.
2, Takara-cho, Kanagawa-ku, Yokohama-shi,
Kanagawa 221-0023 Japan

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

title of
invention

BATTERY TEMPERATURE CONTROL DEVICE

as set forth in his/her United States Patent Application

check one

() executed concurrently herewith

() executed on _____

(X) Serial No. PCT/JP2012/055204 Filed March 1, 2012

13/979,762

July 15, 2013

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 be 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 Foley & Lardner 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.

names and
signatures
of
inventors

Tsutomu Soga date May 8, 2013
Name: Tsutomu Soga

Atsushi Takano date May 17, 2013
Name: Atsushi Takano

Naoki Yamamoto date May 13, 2013
Name: Naoki Yamamoto

Takashi Jimori date May 8, 2013
Name: Takashi Jimori

Kazuhiko Okino date May 13, 2013
Name: Kazuhiko Okino

Hisashi Niioka date May 15, 2013
Name: Hisashi Niioka

Name: _____ date _____

Name: _____ date _____