

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>Masayoshi SUHAMA</td> <td>02/18/2013</td> </tr> <tr> <td>Kenji YAMADA</td> <td>02/18/2013</td> </tr> <tr> <td>Tetsuhiro ITOH</td> <td>02/18/2013</td> </tr> <tr> <td>Satoru KATOH</td> <td>02/18/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Masayoshi SUHAMA | 02/18/2013 | Kenji YAMADA | 02/18/2013 | Tetsuhiro ITOH | 02/18/2013 | Satoru KATOH | 02/18/2013 |
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| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>TOYOTA JIDOSHA KABUSHIKI KAISHA</td> </tr> <tr> <td>Street Address:</td> <td>1, Toyota-cho</td> </tr> <tr> <td>City:</td> <td>Toyota-shi, Aichi-ken</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>471-8571</td> </tr> </table> | | Name: | TOYOTA JIDOSHA KABUSHIKI KAISHA | Street Address: | 1, Toyota-cho | City: | Toyota-shi, Aichi-ken | State/Country: | JAPAN | Postal Code: | 471-8571 |
| Name: | TOYOTA JIDOSHA KABUSHIKI KAISHA | | | | | | | | | | |
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| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13702418</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13702418 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13702418 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: 2022937860 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 202-293-7060 Email: sughrue@sughrue.com, cmerino@sughrue.com Correspondent Name: Sughrue Mion PLLC Address Line 1: 2100 Pennsylvania Ave NW Address Line 2: Suite 800 Address Line 4: Washington, DISTRICT OF COLUMBIA 20037 | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | Q200159 | | | | | | | | | | |
| NAME OF SUBMITTER: | Catherine C. Merino, New Apps Specialist | | | | | | | | | | |
| Total Attachments: 1 source=Q200159_Q200159_Assignment#page1.tif | | | | | | | | | | | |

OP \$40.00 13702418

Docket No.Q200159
For Non-U.S. Clients

Assignment

Whereas, I/We, (1)Masayoshi SUHAMA, (2)Kenji YAMADA, (3)Tetsuhiro ITOH, and (4)Satoru KATOH of (1)Toyota-shi, Aichi-ken, Japan, (2)Komaki-shi, Aichi-ken, Japan, (3)Nagoya-shi, Aichi-ken, Japan, (4)Nissin-shi, Aichi-ken, Japan, respectively hereinafter called assignor(s), have invented certain improvements in Control Device and Control Method for Power Control Unit and executed an application for Letters Patent of the United States of America therefor on February 18, 2013; and

Whereas, TOYOTA JIDOSHA KABUSHIKI KAISHA
of 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 13/702,418 and Confirmation number _____, filed December 6, 2012) the application number and filing date of said application when known.

Date: February 18, 2013

Masayoshi Suhama

s/ Masayoshi SUHAMA

Date: February 18, 2013

Kenji Yamada

s/ Kenji YAMADA

Date: February 18, 2013

Tetsuhiro Itoh

s/ Tetsuhiro ITOH

Date: February 18, 2013

Satoru Katoh

s/ Satoru KATOH

Date: _____

s/

Date: _____

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)