

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>Keiichi KOMURASAKI</td> <td>05/24/2012</td> </tr> <tr> <td>Katsuyuki SUMIMOTO</td> <td>05/24/2012</td> </tr> <tr> <td>Jyunya SASAKI</td> <td>05/24/2012</td> </tr> <tr> <td>Kazunori TANAKA</td> <td>05/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Keiichi KOMURASAKI	05/24/2012	Katsuyuki SUMIMOTO	05/24/2012	Jyunya SASAKI	05/24/2012	Kazunori TANAKA	05/24/2012
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<table border="1"> <tr> <td>Name:</td> <td>MITSUBISHI ELETRIC CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>7-3, Marunouchi 2-chome</td> </tr> <tr> <td>City:</td> <td>Chiyoda-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>100-8310</td> </tr> </table>		Name:	MITSUBISHI ELETRIC CORPORATION	Street Address:	7-3, Marunouchi 2-chome	City:	Chiyoda-ku, Tokyo	State/Country:	JAPAN	Postal Code:	100-8310
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CORRESPONDENCE DATA											
<p>Fax Number: 2022937860 Phone: 202-293-7060 Email: eharnett@sughrue.com,sughrue@sughrue.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: SUGHRUE MION, PLLC Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W. Address Line 2: SUITE 800 Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037</p>											
ATTORNEY DOCKET NUMBER:	Q140864										
NAME OF SUBMITTER:	Erin Harnett, New Application Specialist										
Total Attachments: 1 source=ASSIGNMENT_EXECUTED_AS_FILED#page1.tif											

OP \$40.00 13572881

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned, Keiichi KOMURASAKI, Katsuyuki SUMIMOTO, Jyunya SASAKI
and Kazunori TANAKA
 hereby sells, assigns and transfers to

MITSUBISHI ELECTRIC CORPORATION
of 7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

(hereinafter called the Assignee), its successors and assigns, the entire right, title, and interest in and to:

- (i) the application for United States Letters Patent entitled CONTROL APPARATUS
OF AN AC GENERATOR FOR A VEHICLE

which was executed by the undersigned on the dates indicated below
 or was filed on August 13, 2012 and accorded Serial No.
13/572,881 (hereinafter called the Application);

- (ii) any and all inventions and improvements which are described in the Application;
- (iii) any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);
- (iv) any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and
- (v) all benefits under the International Convention for the Protection of Industrial Property.

Said Assignee of said patent application and the attorneys appointed to prosecute said patent application are authorized to insert in this instrument the filing date and serial number of said application.

The Commissioner of Patents and Trademarks is authorized to issue any and all of said Letters Patent, when granted, to said Assignee.

Further, it is agreed that, when requested, without charge to but at the expense of said Assignee, the undersigned will execute all divisional, continuing, substitute, or reissue patent applications; execute all additional assignments and other writings, including reexamination papers; and provide all reasonable assistance requested by the Assignee to secure and maintain appropriate patent protection.

INVENTOR(S):

(Keiichi KOMURASAKI) Keiichi Komurasaki
(Katsuyuki SUMIMOTO) Katsuyuki Sumimoto
(Jyunya SASAKI) Junya Sasaki
(Kazunori TANAKA) Kazunori Tanaka

DATE

May. 24, 2012
May. 24, 2012
May. 24, 2012
May. 24, 2012