

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>Atsushi KATO</td> <td>02/25/2013</td> </tr> <tr> <td>Noboru KAWAGUCHI</td> <td>02/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	Atsushi KATO	02/25/2013	Noboru KAWAGUCHI	02/25/2013				
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<table border="1"> <tr> <td>Name:</td> <td>mitsubishi electric corporation</td> </tr> <tr> <td>Street Address:</td> <td>7-3, Marunouchi 2-chome, Chiyoda-ku</td> </tr> <tr> <td>City:</td> <td>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 electric corporation	Street Address:	7-3, Marunouchi 2-chome, Chiyoda-ku	City:	Tokyo	State/Country:	Japan	Postal Code:	100-8310
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CORRESPONDENCE DATA											
Fax Number: 7034132220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (703) 413-3000 Email: sbadic@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314											
ATTORNEY DOCKET NUMBER:	413320US2										
NAME OF SUBMITTER:	Svjetlana Badic										
Total Attachments: 2 source=413320USAssignment#page1.tif source=413320USAssignment#page2.tif											

OP \$40.00 13800510

Assignment of Application

, respectively

(Application No. _____, filed _____), and

WHEREAS, Mitsubishi Electric Corporation

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

07/09

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: <u>2013/2/25</u>	<u>Atsushi KATO</u> (Signature of Inventor) Atsushi KATO
Date: <u>2013/2/25</u>	<u>Noboru KAWAGUCHI</u> (Signature of Inventor) Noboru KAWAGUCHI
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
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