

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>Takuya OGA</td> <td>07/08/2013</td> </tr> <tr> <td>Kazuyasu SAKAMOTO</td> <td>07/10/2013</td> </tr> <tr> <td>Tsuyoshi SUGIHARA</td> <td>07/11/2013</td> </tr> <tr> <td>Masaki KATO</td> <td>07/12/2013</td> </tr> <tr> <td>Daisuke NAKASHIMA</td> <td>07/11/2013</td> </tr> <tr> <td>Tsuyoshi JIDA</td> <td>07/11/2013</td> </tr> <tr> <td>Gen TADA</td> <td>07/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Takuya OGA	07/08/2013	Kazuyasu SAKAMOTO	07/10/2013	Tsuyoshi SUGIHARA	07/11/2013	Masaki KATO	07/12/2013	Daisuke NAKASHIMA	07/11/2013	Tsuyoshi JIDA	07/11/2013	Gen TADA	07/11/2013
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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:	eharnett@sughrue.com,sughrue@sughrue.com																
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																
ATTORNEY DOCKET NUMBER:	Q205720																

OP \$40.00 13980997

NAME OF SUBMITTER:	Erin Harnett, New Application Specialist
Signature:	/Erin Harnett/
Date:	07/22/2013
Total Attachments: 2 source=Assignment_Executed_as_filed#page1.tif source=Assignment_Executed_as_filed#page2.tif	

Assignment

Whereas, I/We,

Takuya OGA, Kazuyasu SAKAMOTO, Tsuyoshi SUGIHARA, Masaki KATO,
Daisuke NAKASHIMA, Tsuyoshi JIDA and Gen TADA of
c/o Mitsubishi Electric Corporation

7-3, Marunouchi 2-Chome, Chiyoda-ku, TOKYO 100-8310 JAPAN
of hereinafter called assignor(s), have invented certain improvements in

SEMICONDUCTOR DEVICE

and executed an application for Letters Patent of the United States of America therefor on

: and Whereas,

Mitsubishi Electric Corporation
7-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 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 - 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 13/980,997 and Confirmation number 3573, filed July 22, 2013) the filing date and application number of said application when known.

Date:

July 8, 2013 Takuya Oga
s/ Takuya OGA

Date:

July 10, 2013 Kazuyasu Sakamoto
s/ Kazuyasu SAKAMOTO

Date: July 11, 2013 Tsuyoshi Sugihara
s/ Tsuyoshi SUGIHARA

Date: July 12, 2013 Masaki Kato
s/ Masaki KATO

Date: July 11, 2013 Daisuke Nakashima
s/ Daisuke NAKASHIMA

Date: July 11, 2013 Tsuyoshi Jida
s/ Tsuyoshi JIDA

Date: July 11, 2013 Gen Tada
s/ Gen TADA

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