

## 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>Manabu TAKEI</td> <td>11/07/2012</td> </tr> <tr> <td>Yusuke KOBAYASHI</td> <td>11/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Manabu TAKEI	11/07/2012	Yusuke KOBAYASHI	11/02/2012				
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<table border="1"> <tr> <td>Name:</td> <td>FUJI ELECTRIC CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>1-1 Tanabeshinden, Kawasaki-ku</td> </tr> <tr> <td>City:</td> <td>Kawasaki-shi</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>210-9530</td> </tr> </table>		Name:	FUJI ELECTRIC CO., LTD.	Street Address:	1-1 Tanabeshinden, Kawasaki-ku	City:	Kawasaki-shi	State/Country:	JAPAN	Postal Code:	210-9530
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CORRESPONDENCE DATA											
<p>Fax Number: 2024080924  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-371-8976        Email: firm@rabinberdo.com        Correspondent Name: Rabin &amp; Berdo, P.C.        Address Line 1: 1101 14th St., N.W., Suite 500        Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	FEC 440NP										
NAME OF SUBMITTER:	Steven M. Rabin										
<p>Total Attachments: 1        source=FEC-440NP_Assignment#page1.tif</p>											

OP \$40.00 13640481

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Manabu Takei and Yusuke Kobayashi, hereinafter referred to collectively as the assignor, has invented a certain improvement relating to

SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING SAME

[ ] the inventor(s) declaration for said application being executed concurrently with or prior to the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[ ] said application having been filed in the United States Patent and Trademark Office on

\_\_\_\_\_, authorization being hereby given to my attorneys, Steven M. Rabin, Robert H. Berdo, Jr., Allen Wood and Jun-Hwa Jeong of RABIN & BERDO, P.C., 1101 14th Street, N.W., Washington, D.C. 20005, to insert here in parentheses (Application Serial No. \_\_\_\_\_) the application serial number of said application when known;

[X] the specification of which was filed under the Patent Cooperation Treaty on January 16, 2012,

Serial No. PCT/JP2012/050759, the United States of America being designated.

AND WHEREAS FUJI ELECTRIC CO., LTD. of Kawasaki-shi, Japan,

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

**WITNESS:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**WITNESS:**

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

**ASSIGNOR:**

Signature: Manabu Takei

Name: Manabu Takei

Date: November, 7, 2012

**ASSIGNOR:**

Signature: yusuke Kobayashi

Name: Yusuke Kobayashi

Date: November, 2, 2012

RABIN & BERDO, P.C., Washington, D.C.