

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2621303

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>SHUHEI TATEMACHI</td> <td>10/25/2013</td> </tr> <tr> <td>TAKEYOSHI NISHIMURA</td> <td>10/25/2013</td> </tr> <tr> <td>YASUSHI NIIMURA</td> <td>10/25/2013</td> </tr> <tr> <td>MASANORI INOUE</td> <td>10/25/2013</td> </tr> </tbody> </table>		Name	Execution Date	SHUHEI TATEMACHI	10/25/2013	TAKEYOSHI NISHIMURA	10/25/2013	YASUSHI NIIMURA	10/25/2013	MASANORI INOUE	10/25/2013
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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: (202)408-0924</p> <p>Phone: 202-371-8976</p> <p>Email: firm@rabinberdo.com</p> <p><i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: RABIN &amp; BERDO, PC</p> <p>Address Line 1: 1101 14TH STREET, NW</p> <p>Address Line 2: SUITE 500</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	FEC-514										
NAME OF SUBMITTER:	ROBERT H. BERDO, JR.										

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PATENT  
 REEL: 031635 FRAME: 0835

OP \$40.00 14054277

Signature:	/Robert H. Berdo, Jr./
Date:	11/20/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=ASSIGNMENT_14054277#page1.tif source=ASSIGNMENT_14054277#page2.tif	

**ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT**

WHEREAS Shuhei TATEMICHl, Takeyoshi NISHIMURA, Yasushi NIIMURA, Masanori INOUE, hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to **SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE**

[ ] said application being attached hereto;

[x] said application having been filed in the United States Patent and Trademark Office on October 15, 2013, as Application Serial No. 14/054,277, and was amended on \_\_\_\_\_ (if applicable);

[ ] the specification of which was filed under the Patent Cooperation Treaty on \_\_\_\_\_, Serial No. \_\_\_\_\_, the United States of America being designated.

AND WHEREAS FUJI ELECTRIC CO., LTD., of Kawasaki-shi, Japan hereinafter referred to as the assignee or applicant, 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.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14<sup>th</sup> Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

**WITNESS:**

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

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

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

**ASSIGNOR (SOLE OR FIRST INVENTOR):**

Signature: Shuhei Tatemichi

Legal Name: Shuhei TATEMICHl

Date: October 25, 2013

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

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

**WITNESS:**

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

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

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

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**WITNESS:**

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

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

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

**ASSIGNOR (SECOND INVENTOR):**

Signature: Takeyoshi Nishimura

Legal Name: Takeyoshi NISHIMURA

Date: Takeyoshi Nishimura October 25, 2013 T.N.

**ASSIGNOR (THIRD INVENTOR):**

Signature: Yasushi Niimura

Legal Name: Yasushi NIIMURA

Date: October, 25, 2013

**ASSIGNOR (FOURTH INVENTOR):**

Signature: Masanori Inoue

Legal Name: Masanori INOUE

Date: October, 25, 2013