

## PATENT ASSIGNMENT COVER SHEET

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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>Hideki Uochi</td> <td>06/02/2011</td> </tr> <tr> <td>Koichiro Kamata</td> <td>06/02/2011</td> </tr> </tbody> </table>		Name	Execution Date	Hideki Uochi	06/02/2011	Koichiro Kamata	06/02/2011				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SEMICONDUCTOR ENERGY LABORATORY CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>398, HASE</td> </tr> <tr> <td>City:</td> <td>ATSUGI-SHI, KANAGAWA-KEN</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>243-0036</td> </tr> </table>		Name:	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	Street Address:	398, HASE	City:	ATSUGI-SHI, KANAGAWA-KEN	State/Country:	JAPAN	Postal Code:	243-0036
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CORRESPONDENCE DATA											
<p>Fax Number: (877)769-7945          Phone: (202) 783-5070          Email: apsi@fr.com  <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i></p> <p>Correspondent Name: JOHN F. HAYDEN          Address Line 1: FISH &amp; RICHARDSON P.C.          Address Line 2: P.O.BOX 1022          Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>											
ATTORNEY DOCKET NUMBER:	12732-0888002										
NAME OF SUBMITTER:	APRIL K. SAUNDERS-FULLER										
Signature:	/April K. Saunders-Fuller/										
Date:	02/13/2014										
Total Attachments: 1 source=12732-0888002-ASN-1#page1.tif											

## ASSIGNMENT

For valuable consideration, We, Hideki UOCHI of Atsugi, Kanagawa, Japan and Koichiro KAMATA of Isehara, Kanagawa, Japan hereby assign to Semiconductor Energy Laboratory Co., Ltd., a Japanese corporation having a place of business at:

398, Hase, Atsugi-shi, Kanagawa-ken, 243-0036 Japan

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled SEMICONDUCTOR DEVICE AND METHOD FOR DRIVING THE SAME, filed January 7, 2014, and assigned U.S. Serial Number 14/148,885, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Signature Hideki Uochi

Name: Hideki UOCHI

Date: 06/02/2011

Signature Koichiro Kamata

Name: Koichiro KAMATA

Date: 06/02/2011