

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>Takanori Matsuzaki</td> <td>05/07/2012</td> </tr> <tr> <td>Hiroki Inoue</td> <td>05/07/2012</td> </tr> <tr> <td>Shuheii Nagatsuka</td> <td>05/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Takanori Matsuzaki	05/07/2012	Hiroki Inoue	05/07/2012	Shuheii Nagatsuka	05/07/2012
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Takanori Matsuzaki	05/07/2012								
Hiroki Inoue	05/07/2012								
Shuheii Nagatsuka	05/07/2012								
RECEIVING PARTY DATA									
Name:	Semiconductor Energy Laboratory Co., Ltd.								
Street Address:	398, Hase								
City:	Atsugi-shi, Kanagawa-ken								
State/Country:	JAPAN								
Postal Code:	243-0036								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13473752</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13473752				
Property Type	Number								
Application Number:	13473752								
CORRESPONDENCE DATA									
Fax Number:	(877)769-7945								
Phone:	(202) 783-5070								
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NAME OF SUBMITTER:	April K. Saunders-Fuller								
Total Attachments: 1 source=12732-1072001-ASN#page1.tif									

CH \$40.00 13473752

ASSIGNMENT

For valuable consideration, We, Takanori MATSUZAKI of Atsugi, Kanagawa, Japan, Hiroki INOUE of Isehara, Kanagawa, Japan and Shuhei NAGATSUKA of Atsugi, 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 METHOD FOR DRIVING SEMICONDUCTOR DEVICE, filed May 17, 2012, and assigned U.S. Serial Number 13/473,752, 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 Takanori MATSUZAKI
Name: Takanori MATSUZAKI
Date: 05/07/2012

Signature Hiroki Inoue
Name: Hiroki INOUE
Date: 05/07/2012

Signature Shuhei NAGATSUKA
Name: Shuhei NAGATSUKA
Date: 05/07/2012