

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Akihisa Shimomura</td> <td>11/12/2008</td> </tr> <tr> <td>Masaki KOYAMA</td> <td>11/12/2008</td> </tr> <tr> <td>Satohiro OKAMOTO</td> <td>11/12/2008</td> </tr> </tbody> </table>		Name	Execution Date	Akihisa Shimomura	11/12/2008	Masaki KOYAMA	11/12/2008	Satohiro OKAMOTO	11/12/2008
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Akihisa Shimomura	11/12/2008								
Masaki KOYAMA	11/12/2008								
Satohiro OKAMOTO	11/12/2008								
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12275809</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12275809				
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Application Number:	12275809								
CORRESPONDENCE DATA									
Fax Number:	(877)769-7945								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	(202) 783-5070								
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Correspondent Name:	John F. Hayden								
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ATTORNEY DOCKET NUMBER:	12732-0582001								
NAME OF SUBMITTER:	Sharon M. Washington								
Total Attachments: 1 source=Assignment for 12732-0582001#page1.tif									

CH \$40.00 12275809

PATENT

ASSIGNMENT

For valuable consideration, We, Akihisa SHIMOMURA of Isehara, Kanagawa, Japan, Masaki KOYAMA of Atsugi, Kanagawa, Japan and Satohiro OKAMOTO 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 MANUFACTURING SEMICONDUCTOR SUBSTRATE AND SEMICONDUCTOR SUBSTRATE MANUFACTURING APPARATUS, filed November 21, 2008, and assigned U.S. Serial Number 12/275,809, 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 Akihisa SHIMOMURA
Name: Akihisa SHIMOMURA
Date: 11/12/2008

Signature Masaki KOYAMA
Name: Masaki KOYAMA
Date: 11/12/2008

Signature Satohiro Okamoto
Name: Satohiro OKAMOTO
Date: 11/12/2008