

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Yuusuke Sugawara</td><td>04/27/2006</td></tr><tr><td>Kazuo Nishi</td><td>04/27/2006</td></tr><tr><td>Tatsuya Arao</td><td>04/24/2006</td></tr><tr><td>Daiki Yamada</td><td>04/24/2006</td></tr><tr><td>Hidekazu Takahashi</td><td>04/24/2006</td></tr><tr><td>Naoto Kusumoto</td><td>04/24/2006</td></tr></tbody></table>	Name	Execution Date	Yuusuke Sugawara	04/27/2006	Kazuo Nishi	04/27/2006	Tatsuya Arao	04/24/2006	Daiki Yamada	04/24/2006	Hidekazu Takahashi	04/24/2006	Naoto Kusumoto	04/24/2006	
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Naoto Kusumoto	04/24/2006														
RECEIVING PARTY DATA															
Name:	Semiconductor Energy Laboratory Co., Ltd.														
Street Address:	Intellectual Property Division														
Internal Address:	398 Hase Atsugi-Shi														
City:	Kanagawa-Ken 243-0036														
State/Country:	JAPAN														
Postal Code:															
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>11383645</td></tr></tbody></table>	Property Type	Number	Application Number:	11383645											
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Application Number:	11383645														
CORRESPONDENCE DATA															
Fax Number: (877)769-7945 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	12732-349001														

PATENT

500105071

REEL: 017629 FRAME: 0889

CH \$40.00 11383645

NAME OF SUBMITTER:

Sharon M. Washington

Total Attachments: 2

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## ASSIGNMENT

For valuable consideration, We, Yuusuke SUGAWARA of Minamiarupusu, Yamanashi, Japan,  
Kazuo NISHI of Kofu, Yamanashi, Japan, Tatsuya ARAO of Ebina, Kanagawa, Japan, Daiki YAMADA of  
Isehara, Kanagawa, Japan, Hidekazu TAKAHASHI of Isehara, Kanagawa, Japan and Naoto KUSUMOTO  
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 PHOTOELECTRIC CONVERSION DEVICE, MANUFACTURING METHOD THEREOF AND SEMICONDUCTOR DEVICE, and assigned U.S. Serial Number 11/383,645, and we authorize and request the attorneys appointed in said application 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 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 Yuusuke Sugawara  
Name: Yuusuke SUGAWARA  
Date: 04/27/2006

Signature Kazuo Nishi  
Name: Kazuo NISHI  
Date: 04/27/2006

Signature Tatsuya Arai  
Name: Tatsuya ARAO  
Date: 04/24/2006

Signature Daiki Yamada  
Name: Daiki YAMADA  
Date: 04/24/2006

Signature Hidekazu Takahashi  
Name: Hidekazu TAKAHASHI  
Date: 04/24/2006

Signature Naoto Kusumoto  
Name: Naoto KUSUMOTO  
Date: 04/24/2006