

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT										
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT										
<b>CONVEYING PARTY DATA</b>											
<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>Mayumi Yamaguchi</td> <td>11/16/2006</td> </tr> <tr> <td>Konami Izumi</td> <td>11/16/2006</td> </tr> <tr> <td>Kojiro SHIRAISHI</td> <td>11/16/2006</td> </tr> </tbody> </table>		Name	Execution Date	Mayumi Yamaguchi	11/16/2006	Konami Izumi	11/16/2006	Kojiro SHIRAISHI	11/16/2006		
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;"><b>Name:</b></td> <td>Semiconductor Energy Laboratory Co., Ltd.</td> </tr> <tr> <td><b>Street Address:</b></td> <td>398, Hase, Atsugi-Shi</td> </tr> <tr> <td><b>City:</b></td> <td>Kanagawa-Ken</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> <tr> <td><b>Postal Code:</b></td> <td>243-0036</td> </tr> </table>		<b>Name:</b>	Semiconductor Energy Laboratory Co., Ltd.	<b>Street Address:</b>	398, Hase, Atsugi-Shi	<b>City:</b>	Kanagawa-Ken	<b>State/Country:</b>	JAPAN	<b>Postal Code:</b>	243-0036
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<b>CORRESPONDENCE DATA</b>											
<p>Fax Number: (877)769-7945  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (202) 626-6416          Email: apsi@fr.com          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>											
<b>ATTORNEY DOCKET NUMBER:</b>	12732-414001										
<b>NAME OF SUBMITTER:</b>	Sharon M. Washington										
<p>Total Attachments: 1                  source=Assigment for 12732-414001#page1.tif</p>											

CH \$40.00 11562711

**PATENT**

## ASSIGNMENT

For valuable consideration, We, Mayumi YAMAGUCHI of Atsugi, Kanagawa, Japan, Konami IZUMI of Atsugi, Kanagawa, Japan and Kojiro SHIRAISHI 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 MICROSTRUCTURE AND MANUFACTURING METHOD THEREOF AND MICROELECTROMECHANICAL SYSTEM, filed NOVEMBER 22, 2006, and assigned U.S. Serial Number 11/562,711, 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 Mayumi Yamaguchi  
Name: Mayumi YAMAGUCHI  
Date: 11/16/2006

Signature Konami Izumi  
Name: Konami IZUMI  
Date: 11/16/2006

Signature Kojiro Shiraishi  
Name: Kojiro SHIRAISHI  
Date: 11/16/2006