

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3463982

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MAYUMI YAMAGUCHI	09/27/2006
	KONAMI IZUMI	09/26/2006
	FUMINORI TATEISHI	09/26/2006
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	
<b>Street Address:</b>	398, HASE	
<b>City:</b>	ATSUGI-SHI, KANAGAWA-KEN	
<b>State/Country:</b>	JAPAN	
<b>Postal Code:</b>	243-0036	
<b>PROPERTY NUMBERS Total: 1</b>		
<b>Property Type</b>	<b>Number</b>	
<b>Application Number:</b>	14730362	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(877)769-7945	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	(202) 783-5070	
<b>Email:</b>	APSI@fr.com	
<b>Correspondent Name:</b>	JOHN F. HAYDEN	
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.	
<b>Address Line 2:</b>	P.O.BOX 1022	
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022	
<b>ATTORNEY DOCKET NUMBER:</b>	12732-0399004	
<b>NAME OF SUBMITTER:</b>	JANELLE A. JACKSON	
<b>SIGNATURE:</b>	/Janelle A. Jackson/	
<b>DATE SIGNED:</b>	07/31/2015	
<b>Total Attachments: 1</b>		
source=12732-0399004 Assignment#page1.tif		

## ASSIGNMENT

For valuable consideration, We, Mayumi YAMAGUCHI of Atsugi, Kanagawa, Japan, Konami IZUMI of Atsugi, Kanagawa, Japan and Fuminori TATEISHI 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 MICRO ELECTRO MECHANICAL SYSTEM, SEMICONDUCTOR DEVICE, AND MANUFACTURING METHOD THEREOF, filed October 13, 2006, and assigned U.S. Serial Number 11/549,310, 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: 09/27/2006

Signature Konami Izumi  
Name: Konami IZUMI  
Date: 09/26/2006

Signature Fuminori TATEISHI  
Name: Fuminori TATEISHI  
Date: 09/26/2006