

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2961304

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KEISUKE MIYAGAWA	10/21/2003
JUN KOYAMA	10/21/2003
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	
Property Type	Number
Application Number:	14321874
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	12732-0172007
NAME OF SUBMITTER:	JANELLE A. JACKSON
SIGNATURE:	/Janelle A. Jackson/
DATE SIGNED:	07/30/2014
Total Attachments: 1	
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ASSIGNMENT

For valuable consideration, We, Keisuke MIYAGAWA of Atsugi, Kanagawa, Japan and Jun KOYAMA of Sagami-hara, 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 DISPLAY DEVICE AND CONTROLLING METHOD THEREOF filed 7/2/2014 and assigned U.S. Serial Number 14/321,874 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: Keisuke Miyagawa

Name: Keisuke MIYAGAWA

Date: 10/21/2003

Signature: Jun Koyama

Name: Jun KOYAMA

Date: 10/21/2003

Signature: _____

Name: _____

Date: _____

Signature: _____

Name: _____

Date: _____