

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHUNPEI YAMAZAKI	11/29/2013
MASAHIRO TAKAHASHI	12/02/2013
TAKUYA HIROHASHI	12/04/2013
MASASHI TSUBUKU	12/09/2013
MASASHI OOTA	12/04/2013
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:	14734029
CORRESPONDENCE DATA	
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<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>	
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ATTORNEY DOCKET NUMBER:	12732-1267002
NAME OF SUBMITTER:	JANELLE A. JACKSON
SIGNATURE:	/Janelle A. Jackson/
DATE SIGNED:	08/07/2015
Total Attachments: 2	

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ASSIGNMENT

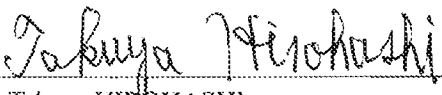
For valuable consideration, We, Shunpei YAMAZAKI of Setagaya, Tokyo, Japan, Masahiro TAKAHASHI of Atsugi, Kanagawa, Japan, Takuya HIROHASHI of Atsugi, Kanagawa, Japan, Masashi TSUBUKU of Atsugi, Kanagawa, Japan and Masashi OOTA of Atsugi, Kanagawa, Japan hereby assign to Semiconductor Energy Laboratory 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 SEMICONDUCTOR DEVICE filed 12/27/2013, and assigned U.S. Serial Number 14/141,538, 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 
Name: Shunpei YAMAZAKI
Date: 11/29/2013

Signature Masahiro Takahashi
Name: Masahiro TAKAHASHI
Date: 12/02/2013

Signature 
Name: Takuya HIROHASHI
Date: 12/04/2013

Signature Masashi Tsubuku
Name: Masashi TSUBUKU
Date: 12/09/2013

Signature Masashi OOTA
Name: Masashi OOTA
Date: 12 / 4 / 2013