

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHUNPEI YAMAZAKI	11/18/2015
HARUYUKI BABA	11/24/2015
AKIO SUZUKI	11/24/2015
HIROMI SAWAI	11/24/2015
MASAHIKO HAYAKAWA	11/25/2015
NORITAKA ISHIHARA	11/24/2015
MASASHI OOTA	11/24/2015
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:	14953632
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	12732-1617001
NAME OF SUBMITTER:	JANELLE A. JACKSON
SIGNATURE:	/Janelle A. Jackson/
DATE SIGNED:	12/08/2015

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Total Attachments: 2

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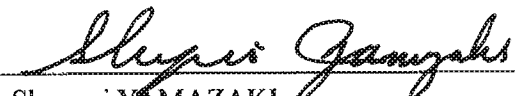
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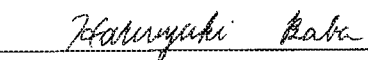
ASSIGNMENT

For valuable consideration, We, Shunpei YAMAZAKI of Setagaya, Tokyo, Japan, Haruyuki BABA of Isehara, Kanagawa, Japan, Akio SUZUKI of Yokohama, Kanagawa, Japan, Hiromi SAWAI of Atsugi, Kanagawa, Japan, Masahiko HAYAKAWA of Atsugi, Kanagawa, Japan, Noritaka ISHIHARA of Koza, 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 AND METHOD OF MANUFACTURING THE SAME, filed November 30, 2015, and assigned U.S. Serial Number 14/953,632, 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: 11/18/2015

Signature 
Name: Haruyuki BABA
Date: 11/24/2015

Signature Akio Suzuki
Name: Akio SUZUKI
Date: 11/24/2015

Signature Hiromi Sawai
Name: Hiromi SAWAI
Date: 11/24/2015

Signature Masahiko Hayakawa
Name: Masahiko HAYAKAWA
Date: 11/25/2015

Signature Noritaka Ishihara
Name: Noritaka ISHIHARA
Date: 11/24/2015

Signature Masashi Oota
Name: Masashi OOTA
Date: 11/24/2015