

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHUNPEI YAMAZAKI	05/04/2015
TETSUHIRO TANAKA	04/29/2015
MASAYUKI SAKAKURA	04/30/2015
RYO TOKUMARU	04/29/2015
YASUMASA YAMANE	04/29/2015
YUHEI SATO	04/29/2015
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:	14719431
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NAME OF SUBMITTER:	JANELLE A. JACKSON
SIGNATURE:	/Janelle A. Jackson/
DATE SIGNED:	05/27/2015

Total Attachments: 4

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ASSIGNMENT

For valuable consideration, We, Shunpei YAMAZAKI of Setagaya, Tokyo, Japan, Tetsuhiro TANAKA of Atsugi, Kanagawa, Japan, Masayuki SAKAKURA of Isehara, Kanagawa, Japan, Ryo TOKUMARU of Isehara, Kanagawa, Japan, Yasumasa YAMANE of Atsugi, Kanagawa, Japan and Yuhei SATO 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 MANUFACTURING METHOD OF SEMICONDUCTOR DEVICE, filed May 22, 2015, and assigned U.S. Serial Number 14/719,431, 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: 05/04/2015

Signature _____
Name: Tetsuhiro TANAKA
Date: _____

Signature: _____
Name: Masayuki SAKAKURA
Date: _____

Signature: _____
Name: Ryo TOKUMARU
Date: _____

Signature: _____
Name: Yasumasa YAMANE
Date: _____

Signature: _____
Name: Yuhei SATO
Date: _____

ASSIGNMENT

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Signature _____
Name: Shunpei YAMAZAKI
Date: _____

Signature Tetsuhiro TANAKA
Name: Tetsuhiro TANAKA
Date: 04/29/2015

Signature: Masayuki Sakakura
Name: Masayuki SAKAKURA
Date: 04/30/2015

Signature: Ryo TOKUMARU
Name: Ryo TOKUMARU
Date: 04/29/2015

Signature: Yasumasa Yamane
Name: Yasumasa YAMANE
Date: 04/29/2015

Signature: Yuhei SATO
Name: Yuhei SATO
Date: 04/29/2015