PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUNPEI YAMAZAKI	09/03/2015

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:	14850026

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	12732-1575001
NAME OF SUBMITTER:	JANELLE A. JACKSON
SIGNATURE:	/Janelle A. Jackson/
DATE SIGNED:	09/15/2015

Total Attachments: 1

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PATENT 503480828 REEL: 036571 FRAME: 0342

Attorney Docket No. 12732-1575001 Client Reference No. US21205

ASSIGNMENT

For valuable consideration, I, <u>Shunpei YAMAZAKI of Setagaya</u>, <u>Tokyo, Japan</u> hereby assign to <u>Semiconductor Energy Laboratory Co.</u>, <u>Ltd.</u>, a <u>Japanese</u> 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 me this day, entitled METHOD FOR MANUFACTURING
SEMICONDUCTOR DEVICE, filed September 10, 2015 , and assigned U.S. Serial
Number 14/850,026 , and I authorize and request the Assignee or 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 I authorize the Assignee to apply in all countries in my 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 I agree for myself and my 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: 19/13/20/3

RECORDED: 09/15/2015

PATENT REEL: 036571 FRAME: 0343