

PATENT ASSIGNMENT COVER SHEET

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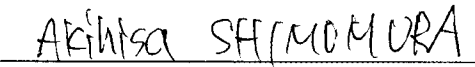
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shunpei Yamazaki	12/08/2014
Akihisa Shimomura	12/09/2014
Yasumasa Yamane	12/04/2014
Yuhei Sato	12/04/2014
Tetsuhiro Tanaka	12/04/2014
Masashi Tsubuku	12/04/2014
Toshihiko Takeuchi	12/04/2014
Ryo Tokumaru	12/04/2014
Mitsuhiro Ichijo	12/04/2014
Satoshi Toriumi	12/04/2014
Takashi Ohtsuki	12/04/2014
Toshiya Endo	12/04/2014
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:	14575052
CORRESPONDENCE DATA	
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503111129	PATENT REEL: 034564 FRAME: 0455

ATTORNEY DOCKET NUMBER:	12732-1394001
NAME OF SUBMITTER:	APRIL K. SAUNDERS-FULLER
SIGNATURE:	/April K. Saunders-Fuller/
DATE SIGNED:	12/22/2014
Total Attachments: 3 source=12732-1394001-ASSIGN#page1.tif source=12732-1394001-ASSIGN#page2.tif source=12732-1394001-ASSIGN#page3.tif	

ASSIGNMENT

For valuable consideration, We, Shunpei YAMAZAKI of Setagaya, Tokyo, Japan, Akihisa SHIMOMURA of Atsugi, Kanagawa, Japan, Yasumasa YAMANE of Atsugi, Kanagawa, Japan, Yuhei SATO of Atsugi, Kanagawa, Japan, Tetsuhiro TANAKA of Atsugi, Kanagawa, Japan, Masashi TSUBUKU of Atsugi, Kanagawa, Japan, Toshihiko TAKEUCHI of Atsugi, Kanagawa, Japan, Ryo TOKUMARU of Isehara, Kanagawa, Japan, Mitsuhiro ICHIO of Zama, Kanagawa, Japan, Satoshi TORIUMI of Ebina, Kanagawa, Japan, Takashi OHTSUKI of Hadano, Kanagawa, Japan and Toshiya ENDO 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 December 18, 2014, and assigned U.S. Serial Number 14/575,052, 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: 12/08/2014

Signature 
Name: Akihisa SHIMOMURA
Date: 12/09/2014

Signature Yasumasa Yamane
Name: Yasumasa YAMANE
Date: 12/04/2014

Signature Yuhei SATO
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Date: 12/04/2014

Signature Tetsuhiro TANAKA
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Signature Masashi Tsubuku
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Signature Toshiya ENDO
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Date: 12 / 04 / 2014