

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JUNICHI KOEZUKA	01/21/2015
MASAMI JINTYOU	01/21/2015
YUKINORI SHIMA	01/13/2015
TAKASHI HAMOCHI	01/13/2015
YASUTAKA NAKAZAWA	01/13/2015
SHUNPEI YAMAZAKI	01/06/2015
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:	15661040
CORRESPONDENCE DATA	
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Email:	APSI@fr.com
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ATTORNEY DOCKET NUMBER:	12732-1407003
NAME OF SUBMITTER:	JANELLE A. JACKSON
SIGNATURE:	/Janelle A. Jackson/
DATE SIGNED:	09/16/2017

Total Attachments: 4

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ASSIGNMENT

For valuable consideration, We, Junichi KOEZUKA of Tochigi, Tochigi, Japan, Masami JINTYOU of Shimotsuga, Tochigi, Japan, Yukinori SHIMA of Tatebayashi, Gunma, Japan, Takashi HAMOCHI of Tochigi, Tochigi, Japan, Yasutaka NAKAZAWA of Tochigi, Tochigi, Japan and Shunpei YAMAZAKI of Setagaya, Tokyo, 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 DISPLAY DEVICE INCLUDING THE SEMICONDUCTOR DEVICE, filed December 24, 2014, and assigned U.S. Serial Number 14/582,273, 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 Junichi KOEZUKA
Name: Junichi KOEZUKA
Date: 01/21/2015

Signature Masami JINTYOU
Name: Masami JINTYOU
Date: 01/21/2015

Signature: Yukinori Shima
Name: Yukinori SHIMA
Date: 01 / 13 / 2015

Signature: Takashi HAMOCHI
Name: Takashi HAMOCHI
Date: 01 / 13 / 2015

Signature: Yasutaka NAKAZAWA
Name: Yasutaka NAKAZAWA
Date: 01 / 13 / 2015

Signature: _____
Name: Shunpei YAMAZAKI
Date: _____

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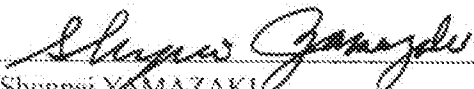
Signature _____
Name: Junichi KOEZUKA
Date: _____

Signature _____
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Name: Takashi HAMOCHI
Date: _____

Signature: _____
Name: Yasutaka NAKAZAWA
Date: _____

Signature: 
Name: Shunpei YAMAZAKI
Date: 01/06/2015