

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AKIHISA SHIMOMURA	02/03/2015
YASUMASA YAMANE	02/03/2015
YUHEI SATO	02/03/2015
TAKAHISA ISHIYAMA	02/03/2015
KENICHI OKAZAKI	02/05/2015
CHIHO KAWANABE	02/06/2015
MASASHI OOTA	02/04/2015
NORITAKA ISHIHARA	02/04/2015
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:	15068708
CORRESPONDENCE DATA	
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SIGNATURE:	/Janelle A. Jackson/

PATENT

DATE SIGNED:	05/12/2016
Total Attachments: 4 source=12732-1432002 Assignment#page1.tif source=12732-1432002 Assignment#page2.tif source=12732-1432002 Assignment#page3.tif source=12732-1432002 Assignment#page4.tif	

ASSIGNMENT

For valuable consideration, We, Akihisa SHIMOMURA of Atsugi, Kanagawa, Japan, Yasumasa YAMANE of Atsugi, Kanagawa, Japan, Yuhei SATO of Atsugi, Kanagawa, Japan, Takahisa ISHIYAMA of Atsugi, Kanagawa, Japan, Kenichi OKAZAKI of Tochigi, Tochigi, Japan, Chiho KAWANABE of Tochigi, Tochigi, Japan, Masashi OOTA of Atsugi, Kanagawa, Japan and Noritaka ISHIHARA of Koza, 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 FILM, TRANSISTOR, SEMICONDUCTOR DEVICE, DISPLAY DEVICE, AND ELECTRONIC APPLIANCE, filed February 19, 2015, and assigned U.S. Serial Number 14/626,049, 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 Akihisa SHIMOMURA
Name: Akihisa SHIMOMURA
Date: 02/03/2015

Signature Yasumasa Yamane
Name: Yasumasa YAMANE
Date: 02/03/2015

Signature Yuhei SATO
Name: Yuhei SATO
Date: 02/03/2015

Signature Takahisa ISHIYAMA
Name: Takahisa ISHIYAMA
Date: 02/03/2015

Signature _____
Name: Kenichi OKAZAKI
Date: _____

Signature _____
Name: Chiho KAWANABE
Date: _____

Signature Masashi Oota
Name: Masashi OOTA
Date: 02/04/2015

Signature Noritaka ISHIHARA
Name: Noritaka ISHIHARA
Date: 02/09/2015

ASSIGNMENT

For valuable consideration, We, Akihisa SHIMOMURA of Atsugi, Kanagawa, Japan, Yasumasa YAMANE of Atsugi, Kanagawa, Japan, Yuhei SATO of Atsugi, Kanagawa, Japan, Takahisa ISHIYAMA of Atsugi, Kanagawa, Japan, Kenichi OKAZAKI of Tochigi, Tochigi, Japan, Chiho KAWANABE of Tochigi, Tochigi, Japan, Masashi OOTA of Atsugi, Kanagawa, Japan and Noritaka ISHIHARA of Koza, Kanagawa, Japan hereby assign to Semiconductor Energy Laboratory Co., Ltd., a Japanese corporation having a place of business at:

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Signature _____
Name: Akihisa SHIMOMURA
Date: _____

Signature _____
Name: Yasumasa YAMANE
Date: _____

Signature

Name: Yuhei SATO

Date:

Signature

Name: Takahisa ISHIYAMA

Date:

Signature

Kenichi OKAZAKI

Name: Kenichi OKAZAKI

Date: 02/05/2015

Signature

Chiho Kawanabe

Name: Chiho KAWANABE

Date: 02/06/2015

Signature

Name: Masashi OOTA

Date:

Signature

Name: Noritaka ISHIHARA

Date: