

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4277767

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MASASHI TSUBUKU	01/24/2017
KAZUYA SUGIMOTO	01/18/2017
TSUTOMU MURAKAWA	01/19/2017
MOTOKI NAKASHIMA	01/19/2017
SHINPEI MATSUDA	01/18/2017
NORITAKA ISHIHARA	01/19/2017
DAISUKE KUROSAKI	01/23/2017
TOSHIMITSU OBONAI	01/23/2017
HIROSHI KANEMURA	01/23/2017
JUNICHI KOEZUKA	01/23/2017

RECEIVING PARTY DATA

Name:	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.
Street Address:	398, HASE
Internal Address:	ATSUGI-SHI
City:	KANAGAWA-KEN
State/Country:	JAPAN
Postal Code:	243-0036

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15374356

CORRESPONDENCE DATA**Fax Number:** (312)655-1501*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.***Phone:** 312-655-1500**Email:** Docket.Department@huschblackwell.com**Correspondent Name:** HUSCH BLACKWELL LLP**Address Line 1:** 120 S RIVERSIDE PLAZA**Address Line 2:** 22ND FLOOR**Address Line 4:** CHICAGO, ILLINOIS 60606

PATENT

ATTORNEY DOCKET NUMBER:	(0553-1363)
NAME OF SUBMITTER:	MARK J. MURPHY
SIGNATURE:	/Mark J. Murphy/
DATE SIGNED:	02/16/2017
Total Attachments: 6 source=AssignmentSEL1363#page1.tif source=AssignmentSEL1363#page2.tif source=AssignmentSEL1363#page3.tif source=AssignmentSEL1363#page4.tif source=AssignmentSEL1363#page5.tif source=AssignmentSEL1363#page6.tif	

ASSIGNMENT

Identity Of The Patent Application. I am the inventor (or one joint inventor) of a patent application that I am assigning. The patent application I am assigning is entitled TRANSISTOR, CIRCUIT, SEMICONDUCTOR DEVICE, DISPLAY DEVICE, AND ELECTRONIC DEVICE which I executed herewith. If the patent application has already been filed, it received serial number 15/374,356 and bears a filing date of December 9, 2016.

The Assignee and The Assignment. I assign my patent rights to Semiconductor Energy Laboratory Co., Ltd. a corporation organized according to the laws of Japan, having a place of business at 398, Hase, Atsugi-shi, Kanagawa-ken, 243-0036 Japan (hereinafter "the Assignee"). The rights I assign are my entire right, title and interest in the invention or improvements disclosed in the patent application and any and all other applications for United States Letters Patent which I may file, either solely or jointly with others, on the invention or improvements, including all continuations, divisionals, and continuations-in-part, and in any and all United States Letters Patent which may be obtained on any of said applications, and in any reissue or extension thereof. I also assign to the Assignee all priority rights under the International Convention. I agree to execute, at the request of the Assignee, all documents in connection with any application for United States letters patent therefor.

Payment Received. I am making this assignment in consideration of One Dollar and other good and valuable consideration. I acknowledge the receipt and sufficiency of the consideration.

Authorizations. I request the U.S. Commissioner of Patents and Trademarks to issue the Letters Patent to the Assignee. I authorize the attorney(s) of record in the application to insert in this assignment document the date and serial number of the application.

Further Acts. I agree, upon the request and at the expense of the Assignee, to execute any divisional, continuation or substitute application for the invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon the application. I agree to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and to vest in the Assignee all rights therein, so that the Letters Patent will be held and enjoyed by the Assignee, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me if this assignment had not been made.

Interference. In the event that any application or Letters Patent that I now assign becomes involved in interference, I agree to cooperate to the best of my ability in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof.

<u>Masashi Tsubuku</u> Name: Masashi TSUBUKU	<u>01/24/2017</u> Date
_____ Name: Kazuya SUGIMOTO	_____ Date
_____ Name: Tsutomu MURAKAWA	_____ Date
_____ Name: Motoki NAKASHIMA	_____ Date

Name: Shinpei MATSUDA	Date
Name: Noritaka ISHIHARA	Date
Name: Daisuke KUROSAKI	Date
Name: Toshimitsu OBONAI	Date
Name: Hiroshi KANEMURA	Date
Name: Junichi KOEZUKA	Date

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Kazuya SUGIMOTO	01/18/2017
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Tsutomu MURAKAWA	01/19/2017
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Name: Shinpei MATSUDA

Date

Noritaka Ishihara

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Name: Noritaka ISHIHARA

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Date

Name: Hiroshi KANEMURA

Date

Name: Junichi KOEZUKA

Date

Name: Shinpei MATSUDA Date

Name: Noritaka ISHIHARA Date

Daisuke Kurosaki
Name: Daisuke KUROSAKI Date 01/23/2017

Toshimitsu Obonai
Name: Toshimitsu OBONAI Date 01/23/2017

Hiroshi Kanemura
Name: Hiroshi KANEMURA Date 01/23/2017

Junichi KOEZUKA
Name: Junichi KOEZUKA Date 01/23/2017