# 505244012 12/19/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5290791

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Yasuharu Hosaka	07/02/2013
Yukinori Shima	07/02/2013
Kenichi Okazaki	07/02/2013
Shunpei Yamazaki	07/02/2013

### **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:	15012092

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	12732-1941002
NAME OF SUBMITTER:	SHARON M. ALLEN
SIGNATURE:	/Sharon M. Allen/
DATE SIGNED:	12/19/2018

# **Total Attachments: 4**

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#### ASSIGNMENT

Serial No. 13/939,323

Filed July 11, 2013

WHEREAS, Yasuharu HOSAKA, Yukinori SHIMA, Kenichi OKAZAKI and Shunpei YAMAZAKI

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in <u>DISPLAY DEVICE AND ELECTRONIC DEVICE INCLUDING THE DISPLAY DEVICE</u> for which an application for Letters Patent of the United States of America has been executed by the undersigned on , and;

WHEREAS, <u>Semiconductor Energy Laboratory Co.</u>, <u>Ltd.</u> of <u>398</u>, <u>Hase</u>, <u>Atsugi-shi</u>, <u>Kanagawa-ken</u>, <u>243-0036 Japan</u> and its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from

said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby convenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of ROBINSON INTELLECTUAL PROPERTY LAW OFFICE the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 07/02/2013	Signature	, Yashbarn MUSARA
	Name	Yasuharu HOSAKA
Date <u>07 / 02 / 2013</u>	Signature Name	Yukinori SHIMA
Date 07/02/2013	Signature Name	Kenichi OKAZAKI
Date	Signature Name	Shunpei YAMAZAKI
Notary Public. If not, ther	the execu	bly be acknowledged before a United States Consul or ation by the Inventor(s) should be witnessed has (have) provements in by at least two other persons who should
Witness	***************************************	Signature
Witness		Signature
Witness		Signature

#### ASSIGNMENT

Serial No. 13/939,323

Filed July 11, 2013

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In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Signature	
	Name	Yasuharu HOSAKA
Date	Sionatur	· •
	Name	Yukinori SHIMA
8 <sub>1</sub>		•
Date	Name	Kenichi OKAZAKI
Date 09/02/2017	Signature Name	Shunpei XAMAZAKI
Notary Public. If not, then	the execu	bly be acknowledged before a United States Consul or ation by the Inventor(s) should be witnessed has (have) provements in by at least two other persons who should
Witness	***************************************	Signature
Witness	**************************************	Signature
4 5 7°,		Ciamatura