

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6190950

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Satoshi Seo	08/07/2015
Nobuharu OHSAWA	08/06/2015
Shunsuke Hosoumi	08/07/2015
Takahiro Ishisone	08/18/2015
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:	16923526
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>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.</i>	
Phone:	(202) 783-5070
Email:	apsi@fr.com
Correspondent Name:	JOHN F. HAYDEN
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	12732-1563004
NAME OF SUBMITTER:	SHARON M. ALLEN
SIGNATURE:	/Sharon M. Allen/
DATE SIGNED:	07/08/2020
Total Attachments: 6	
source=12732-1563004 Assgn #page1.tif	
source=12732-1563004 Assgn #page2.tif	

source=12732-1563004 Assgn #page3.tif

source=12732-1563004 Assgn #page4.tif

source=12732-1563004 Assgn #page5.tif

source=12732-1563004 Assgn #page6.tif

ASSIGNMENT

For valuable consideration, We, Satoshi SEO of Sagami-hara, Kanagawa, Japan, Nobuharu OHSAWA of Zama, Kanagawa, Japan, Shunsuke HOSOURI of Atsugi, Kanagawa, Japan and Takahiro ISHISONE 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 LIGHT-EMITTING ELEMENT, DISPLAY DEVICE, ELECTRONIC DEVICE, AND LIGHTING DEVICE, filed August 27, 2015, and assigned U.S. Serial Number 14/837,083, 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: Satoshi SEO
Name: Satoshi SEO
Date: 08/07/2015

Signature: _____
Name: Nobuharu OHSAWA
Date: _____

Signature: _____

Name: Shunsuke HOSOUMI

Date: _____

Signature: _____

Name: Takahiro ISHISONE

Date: _____

ASSIGNMENT

For valuable consideration, We, Satoshi SEO of Sagami-hara, Kanagawa, Japan, Nobuharu OHSAWA of Zama, Kanagawa, Japan, Shunsuke HOSOURI of Atsugi, Kanagawa, Japan and Takahiro ISHISONE 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 LIGHT-EMITTING ELEMENT, DISPLAY DEVICE, ELECTRONIC DEVICE, AND LIGHTING DEVICE, filed August 27, 2015, and assigned U.S. Serial Number 14/837,083, 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: Satoshi SEO
Date: _____

Signature: Nobuharu Ohsawa
Name: Nobuharu OHSAWA
Date: 08/06/2015

Signature: _____

Name: Shunsuke HOSOUMI

Date: _____

Signature: _____

Name: Takahiro ISHISONE

Date: _____

ASSIGNMENT

For valuable consideration, We, Satoshi SEO of Sagamihara, Kanagawa, Japan, Nobuharu OHSAWA of Zama, Kanagawa, Japan, Shunsuke HOSOURI of Atsugi, Kanagawa, Japan and Takahiro ISHISONE 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 LIGHT-EMITTING ELEMENT, DISPLAY DEVICE, ELECTRONIC DEVICE, AND LIGHTING DEVICE, filed August 27, 2015, and assigned U.S. Serial Number 14/837,083, 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: Satoshi SEO
Date: _____

Signature: _____
Name: Nobuharu OHSAWA
Date: _____

Signature: Shunsuke HOSOUMI

Name: Shunsuke HOSOUMI

Date: 08/07/2015

Signature: Takahiro Ishisone

Name: Takahiro ISHISONE

Date: 08/18/2015