

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Satoshi Seo</td><td>07/11/2011</td></tr><tr><td>Hisao Ikeda</td><td>07/11/2011</td></tr></tbody></table>		Name	Execution Date	Satoshi Seo	07/11/2011	Hisao Ikeda	07/11/2011						
Name	Execution Date												
Satoshi Seo	07/11/2011												
Hisao Ikeda	07/11/2011												
RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Semiconductor Energy Laboratory Co., Ltd.</td></tr><tr><td>Street Address:</td><td>398 Hase</td></tr><tr><td>Internal Address:</td><td>Atsugi-shi</td></tr><tr><td>City:</td><td>Kanagawa-ken</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>243-0036</td></tr></table>		Name:	Semiconductor Energy Laboratory Co., Ltd.	Street Address:	398 Hase	Internal Address:	Atsugi-shi	City:	Kanagawa-ken	State/Country:	JAPAN	Postal Code:	243-0036
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													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13189757</td></tr></tbody></table>		Property Type	Number	Application Number:	13189757								
Property Type	Number												
Application Number:	13189757												
CORRESPONDENCE DATA													
Fax Number: (312)655-1501 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 312-655-1500													
Email: gtsdocket@welshkatz.com													
Correspondent Name: Husch Blackwell LLP													
Address Line 1: 120 S RIVERSIDE PLAZA													
Address Line 2: 22ND FLOOR													
Address Line 4: CHICAGO, ILLINOIS 60606													
ATTORNEY DOCKET NUMBER:	(0553-0895)												
NAME OF SUBMITTER:	Mark J. Murphy												
Total Attachments: 1 source=AssignmentSEL895#page1.tif													

CH \$40.00 13189757

PATENT

501604758

REEL: 026641 FRAME: 0920

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
LIGHT-EMITTING DEVICE, LIGHTING DEVICE, AND MANUFACTURING METHOD OF LIGHT-EMITTING DEVICE

which I executed herewith. If the patent application has already been filed, it received serial number _____ and bears a filing date of _____.

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.

Satoshi Seo

Name: Satoshi SEO

07/11/2011

Date

Hisao Ikeda

Name: Hisao IKEDA

07/11/2011

Date