

PATENT ASSIGNMENT

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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>Kaoru Hatano</td> <td>02/15/2012</td> </tr> <tr> <td>Satoshi Seo</td> <td>02/15/2012</td> </tr> <tr> <td>Yoshiaki Oikawa</td> <td>02/16/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kaoru Hatano	02/15/2012	Satoshi Seo	02/15/2012	Yoshiaki Oikawa	02/16/2012				
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<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
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CORRESPONDENCE DATA													
Fax Number: (312)655-1501 Phone: 312-655-1500 Email: mark.murphy@huschblackwell.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> 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:	5250-114996 (0966)												
NAME OF SUBMITTER:	Mark J. Murphy												
Total Attachments: 1 source=p966assignment#page1.tif													

CH \$40.00 13352794

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

DISPLAY DEVICE, LIGHT-EMITTING DEVICE, LIGHTING DEVICE, AND ELECTRONIC APPLIANCE

which I executed herewith. If the patent application has already been filed, it received serial number 13/352,794 and bears a filing date of January 18, 2012.

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.

Kaoru Hatanu

Name: Kaoru HATANO

02/15/2012

Date

Satoshi Seo

Name: Satoshi SEO

02/15/2012

Date

Yoshiaki Oikawa

Name: Yoshiaki OIKAWA

02/16/2012

Date