

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hiromitsu SAKAI	12/21/2011
RECEIVING PARTY DATA	
Name:	SHOWA DENKO K.K.
Street Address:	13-9, Shibadaimon 1-chome
City:	Minato-ku, Tokyo
State/Country:	JAPAN
Postal Code:	105-8518
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13382749
CORRESPONDENCE DATA	
Fax Number:	(202)293-7860
Phone:	202-293-7060
Email:	pmichael@sughrue.com, sughrue@sughrue.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:	SUGHRUE MION, PLLC
Address Line 1:	2100 PENNSYLVANIA AVENUE, N.W.
Address Line 2:	SUITE 800
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037
ATTORNEY DOCKET NUMBER:	Q128490
NAME OF SUBMITTER:	Perri Michael, New Applic. Specialist
Total Attachments: 1 source=ASSIGNMENT_AS_FILED#page1.tif	

OP \$40.00 13382749

# ASSIGNMENT

Whereas, I/we, Hiromitsu SAKAI of c/o SHOWA DENKO K.K., 5-1, Yawata Kaigan dori, Ichihara-shi, Chiba 290-0067 Japan hereinafter called assignor(s), have invented certain improvements in

SEMICONDUCTOR LIGHT-EMITTING ELEMENT MANUFACTURING METHOD, LAMP, ELECTRONIC EQUIPMENT, AND MECHANICAL APPARATUS

and executed an application for Letters Patent of the United States of America therefor on

December 21, 2011 ; and

Whereas, SHOWA DENKO K.K. of 13-9, Shibadaimon 1-chome, Minato-ku, Tokyo 105-8518 Japan (assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including the rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director -- U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number 13/382,749, filed 01/06/2012) the filing date and application number of said application when known.

Date: December 21, 2011

s/

Hiromitsu Sakai

Hiromitsu SAKAI

Date:

s/

Date:

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)