

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>Noriyuki AIHARA</td> <td>07/19/2012</td> </tr> <tr> <td>Noriyoshi SEO</td> <td>07/19/2012</td> </tr> <tr> <td>Noritaka MURAKI</td> <td>07/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Noriyuki AIHARA	07/19/2012	Noriyoshi SEO	07/19/2012	Noritaka MURAKI	07/19/2012		
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<table border="1"> <tr> <td>Name:</td> <td>SHOWA DENKO K.K.</td> </tr> <tr> <td>Street Address:</td> <td>13-9, Shibadaimon 1-chome</td> </tr> <tr> <td>City:</td> <td>Minato-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-8518</td> </tr> </table>		Name:	SHOWA DENKO K.K.	Street Address:	13-9, Shibadaimon 1-chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN	Postal Code:	105-8518
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Application Number:	13574894										
CORRESPONDENCE DATA											
Fax Number:	2022937860										
Phone:	202-293-7060										
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<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, LLC										
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Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037										
ATTORNEY DOCKET NUMBER:	Q141488										
NAME OF SUBMITTER:	Joanna Sanchez, New Apps Specialist										
Total Attachments: 1 source=Q141488_EXECUTED_ASSIGNMENT#page1.tif											

OP \$40.00 13574894

PATENT

ASSIGNMENT

Whereas, I/we, (1) Noriyuki AIHARA; (2) Noriyoshi SEO; and (3) Noritaka MURAKI of (1) to (3) of c/o SHOWA DENKO K.K., 1505, Shimokagemori, Chichibu-shi, Saitama 369-1893 Japan hereinafter called assignor(s), have invented certain improvements in

LIGHT-EMITTING DIODE, LIGHT-EMITTING DIODE LAMP AND LIGHTING DEVICE

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

July 19, 2012 ; 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 13/574,894, filed July 24, 2012) the filing date and application number of said application when known.

Date: July 19, 2012

st Noriyuki Aihara
Noriyuki AIHARA

Date: July 19, 2012

st Noriyoshi Seo
Noriyoshi SEO

Date: July 19, 2012

st Noritaka Muraki
Noritaka MURAKI

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