

## 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>Naoki FUKUNAGA</td><td>06/03/2008</td></tr><tr><td>Hironao SHINOHARA</td><td>06/03/2008</td></tr><tr><td>Hiroshi OSAWA</td><td>06/03/2008</td></tr></tbody></table>	Name	Execution Date	Naoki FUKUNAGA	06/03/2008	Hironao SHINOHARA	06/03/2008	Hiroshi OSAWA	06/03/2008	
Name	Execution Date								
Naoki FUKUNAGA	06/03/2008								
Hironao SHINOHARA	06/03/2008								
Hiroshi OSAWA	06/03/2008								
RECEIVING PARTY DATA									
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City:	Minato-ku, Tokyo								
State/Country:	JAPAN								
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>12097054</td></tr></tbody></table>	Property Type	Number	Application Number:	12097054					
Property Type	Number								
Application Number:	12097054								
CORRESPONDENCE DATA									
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Total Attachments: 1 source=EXECUTED_ASSIGNMENT#page1.tif									

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PATENT  
REEL: 021083 FRAME: 0288

発明の名称「窒化ガリウム系化合物半導体発光素子及びその製造方法」  
国際出願番号：2006/12/13、PCT/J P2006/324854  
基礎特許番号：① 2005/12/14、P2005-366288  
② 2005/12/14、P2005-366289

406207US01  
OSP-26102  
US 1/1

For Non-U.S. Clients

## ASSIGNMENT

Whereas, I/we, (1) Naoki FUKUNAGA; (2) Hironao SHINOHARA; and (3) Hiroshi OSAWA of c/o SHOWA DENKO K.K., 5-1, Yawata Kaigan dori, Ichihara-shi, Chiba-ken, Japan hereinafter called assignor(s), have invented certain improvements in

GALLIUM NITRIDE BASED COMPOUND SEMICONDUCTOR LIGHT-EMITTING DEVICE AND  
METHOD OF MANUFACTURING THE SAME

June 3, 2008 ; and

Whereas, SHOWA DENKO K.K. of 13-9, Shibadaimon 1-chome, Minato-ku, Tokyo, 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 12097054, filed June 12, 2008) the filing date and application number of said application when known.

Date: June 3, 2008

s/ Naoki Fukunaga  
Naoki FUKUNAGA

Date: June 3, 2008

s/ Hironao Shinohara  
Hironao SHINOHARA

Date: June 3, 2008

s/ Hiroshi Osaawa  
Hiroshi OSAWA

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