

**PATENT ASSIGNMENT**

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| SUBMISSION TYPE:   | NEW ASSIGNMENT                         |
| NATURE OF CONVEYANCE:  | ASSIGNMENT                             |
| CONVEYING PARTY DATA   |  |
| Name   | Execution Date                         |
| Naoki FUKUNAGA   | 10/15/2008                             |
| Hiroshi OSAWA  | 10/15/2008                             |
| RECEIVING PARTY DATA   |  |
| Name:  | SHOWA DENKO K.K.                       |
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| City:  | Minato-ku, Tokyo                       |
| State/Country:   | JAPAN                                  |
| PROPERTY NUMBERS Total: 1  |  |
| Property Type  | Number                                 |
| Application Number:  | 12297989                               |
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| NAME OF SUBMITTER:   | Abraham J. Rosner                      |
| Total Attachments: 1<br>source=ASSIGNMENT_FILING#page1.tif                           |  |

CH \$40.00 12297989

# ASSIGNMENT

Whereas, I/we, (1) Naoki FUKUNAGA; and (2) 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

METHOD OF MANUFACTURING GALLIUM NITRIDE-BASED COMPOUND SEMICONDUCTOR LIGHT-EMITTING DEVICE, GALLIUM NITRIDE-BASED COMPOUND SEMICONDUCTOR LIGHT-EMITTING DEVICE, AND LAMP

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

October 15, 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 12/297,989, filed October 21, 2008) the filing date and application number of said application when known.

Date: October 15, 2008

s/ Naoki Fukunaga  
Naoki FUKUNAGA

Date: October 15, 2008

s/ Hiroshi Osaawa  
Hiroshi OSAWA

Date:

s/ \_\_\_\_\_

Date:

s/ \_\_\_\_\_

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