

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>Hiroyuki KATAYAMA</td><td>11/14/2008</td></tr><tr><td>Asami KUBO</td><td>11/14/2008</td></tr></tbody></table>		Name	Execution Date	Hiroyuki KATAYAMA	11/14/2008	Asami KUBO	11/14/2008				
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<table border="1"><tr><td>Name:</td><td>NITTO DENKO CORPORATION</td></tr><tr><td>Street Address:</td><td>1-2, Shimohozumi 1-chome</td></tr><tr><td>Internal Address:</td><td>Osaka</td></tr><tr><td>City:</td><td>Ibaraki-shi</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>		Name:	NITTO DENKO CORPORATION	Street Address:	1-2, Shimohozumi 1-chome	Internal Address:	Osaka	City:	Ibaraki-shi	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
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PATENT
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ASSIGNMENT

Whereas, I/we **Hiroyuki KATAYAMA and Asami KUBO**, both of **Osaka, Japan**

hereinafter called assignor(s), have invented certain improvements in

**RESIN FOR OPTICAL-SEMICONDUCTOR-ELEMENT ENCAPSULATION
AND OPTICAL SEMICONDUCTOR DEVICE OBTAINED WITH THE SAME**

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

November 14, 2008; and

Whereas, **NITTO DENKO CORPORATION** of
1-2, Shimohozumi 1-chome, Ibaraki-shi, Osaka, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States 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, including the right to claim priority under 35 U.S.C. § 119, 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 will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application 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 _____, filed _____) the filing date and application number of said application when known.

Date: November 14, 2008 s/ Hiroyuki Katayama

Date: November 14, 2008 s/ Asami Kubo

Date: s/ _____

Date: s/ _____

Date: s/ _____