

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>Hirokazu MATSUDA</td> <td>05/07/2012</td> </tr> <tr> <td>Takashi KONDO</td> <td>05/07/2012</td> </tr> <tr> <td>Hiroki KONO</td> <td>05/07/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hirokazu MATSUDA	05/07/2012	Takashi KONDO	05/07/2012	Hiroki KONO	05/07/2012		
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CORRESPONDENCE DATA											
<p>Fax Number: (202)293-7860</p> <p>Phone: 2022937060</p> <p>Email: aauerbach@sughrue.com, sughrue@sughrue.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Sughrue Mion PLLC</p> <p>Address Line 1: 2100 Pennsylvania Ave NW</p> <p>Address Line 2: Suite 800</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20037</p>											
ATTORNEY DOCKET NUMBER:	Q130994										
NAME OF SUBMITTER:	Alexander E. Auerbach, New App. Spec.										
<p>Total Attachments: 1</p> <p>source=ASSIGNMENT#page1.tif</p>											

OP \$40.00 13491051

Assignment

Whereas, I/We, Hirokazu MATSUDA, Takashi KONDO and Hiroki KONO
having an address of c/o NITTO DENKO CORPORATION, 1-2, Shimo-hozumi 1-chome,
Ibaraki-shi, Osaka 567-8680, Japan, hereinafter called assignor(s), have invented certain
improvements in **ENCAPSULATING SHEET AND OPTICAL SEMICONDUCTOR**
ELEMENT DEVICE and executed an application for Letters Patent of the United States of
America therefor on _____; and

Whereas, NITTO DENKO CORPORATION, having an address of 1-2, Shimo-
hozumi 1-chome, Ibaraki-shi, Osaka 567-8680, 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 all divisions,
and continuations thereof, and all Letters Patent of the United States that may be granted
thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119,
and I/we request the Director of the 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 our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses
(Application number 13/491,051 and Confirmation number
1814, filed June 7, 2012) the application
number and filing date of said application when known.

Date: May 7, 2012 Hirokazu Matsuda
s/ Hirokazu MATSUDA

Date: May 7, 2012 Takashi Kondo
s/ Takashi KONDO

Date: May 7, 2012 Hiroki Kono
s/ Hiroki KONO

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