

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                           |               |                         |                        |                          |                          |             |               |            |                       |            |
|---|--|---------------|-------------------------|------------------------|--------------------------|--------------------------|-------------|---------------|------------|-----------------------|------------|
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                               |               |                         |                        |                          |                          |             |               |            |                       |            |
| <b>CONVEYING PARTY DATA</b>   |  |               |                         |                        |                          |                          |             |               |            |                       |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Naohide Takamoto</td> <td>04/13/2011</td> </tr> <tr> <td>Goji Shiga</td> <td>04/13/2011</td> </tr> <tr> <td>Fumiteru Asai</td> <td>04/13/2011</td> </tr> <tr> <td>Toshimasa Sugimura</td> <td>04/13/2011</td> </tr> </tbody> </table> |  | Name          | Execution Date          | Naohide Takamoto       | 04/13/2011               | Goji Shiga               | 04/13/2011  | Fumiteru Asai | 04/13/2011 | Toshimasa Sugimura    | 04/13/2011 |
| Name  | Execution Date                           |               |                         |                        |                          |                          |             |               |            |                       |            |
| Naohide Takamoto  | 04/13/2011                               |               |                         |                        |                          |                          |             |               |            |                       |            |
| Goji Shiga  | 04/13/2011                               |               |                         |                        |                          |                          |             |               |            |                       |            |
| Fumiteru Asai   | 04/13/2011                               |               |                         |                        |                          |                          |             |               |            |                       |            |
| Toshimasa Sugimura  | 04/13/2011                               |               |                         |                        |                          |                          |             |               |            |                       |            |
| <b>RECEIVING PARTY DATA</b>   |  |               |                         |                        |                          |                          |             |               |            |                       |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"><b>Name:</b></td> <td>Nitto Denko Corporation</td> </tr> <tr> <td><b>Street Address:</b></td> <td>1-2, Shimohozumi 1-chome</td> </tr> <tr> <td><b>Internal Address:</b></td> <td>Ibaraki-shi</td> </tr> <tr> <td><b>City:</b></td> <td>Osaka</td> </tr> <tr> <td><b>State/Country:</b></td> <td>JAPAN</td> </tr> </table>           |  | <b>Name:</b>  | Nitto Denko Corporation | <b>Street Address:</b> | 1-2, Shimohozumi 1-chome | <b>Internal Address:</b> | Ibaraki-shi | <b>City:</b>  | Osaka      | <b>State/Country:</b> | JAPAN      |
| <b>Name:</b>  | Nitto Denko Corporation                  |               |                         |                        |                          |                          |             |               |            |                       |            |
| <b>Street Address:</b>  | 1-2, Shimohozumi 1-chome                 |               |                         |                        |                          |                          |             |               |            |                       |            |
| <b>Internal Address:</b>  | Ibaraki-shi                              |               |                         |                        |                          |                          |             |               |            |                       |            |
| <b>City:</b>  | Osaka                                    |               |                         |                        |                          |                          |             |               |            |                       |            |
| <b>State/Country:</b>   | JAPAN                                    |               |                         |                        |                          |                          |             |               |            |                       |            |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |               |                         |                        |                          |                          |             |               |            |                       |            |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13088738</td> </tr> </tbody> </table>   |  | Property Type | Number                  | Application Number:    | 13088738                 |                          |             |               |            |                       |            |
| Property Type   | Number                                   |               |                         |                        |                          |                          |             |               |            |                       |            |
| Application Number:   | 13088738                                 |               |                         |                        |                          |                          |             |               |            |                       |            |
| <b>CORRESPONDENCE DATA</b>  |  |               |                         |                        |                          |                          |             |               |            |                       |            |
| <p>Fax Number: (202)293-7860</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-293-7060</p> <p>Email: kmackeverican@SUGHRUE.COM</p> <p>Correspondent Name: SUGHRUE-265550</p> <p>Address Line 1: 2100 PENNSYLVANIA AVE. NW</p> <p>Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20037-3213</p>   |  |               |                         |                        |                          |                          |             |               |            |                       |            |
| <b>ATTORNEY DOCKET NUMBER:</b>  | Q124249                                  |               |                         |                        |                          |                          |             |               |            |                       |            |
| <b>NAME OF SUBMITTER:</b>   | Kallie R. MacKeverican; Teams Specialist |               |                         |                        |                          |                          |             |               |            |                       |            |
| <p>Total Attachments: 1</p> <p>source=Assignment_Executed#page1.tif</p>   |  |               |                         |                        |                          |                          |             |               |            |                       |            |

OP \$40.00 13088738

**PATENT**

**501504154**

**REEL: 026143 FRAME: 0677**

# ASSIGNMENT

Whereas, I/we Naohide TAKAMOTO, Goji SHIGA, Fumiteru ASAI  
and Toshimasa SUGIMURA, all of Osaka, Japan

hereinafter called assignor(s), have invented certain improvements in  
DICING TAPE-INTEGRATED FILM FOR SEMICONDUCTOR BACK SURFACE

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

April 13, 2011 ; 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: April 13, 2011

s/ Naohide Takamoto

Date: April 13, 2011

s/ Goji Shiga

Date: April 13, 2011

s/ Fumiteru Asai

Date: April 13, 2011

s/ Toshimasa Sugimura

Date:

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