### PATENT ASSIGNMENT

Electronic Version v1.1  
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<th>SUBMISSION TYPE:</th>
<th>NEW ASSIGNMENT</th>
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<td>NATURE OF CONVEYANCE:</td>
<td>ASSIGNMENT</td>
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#### CONVEYING PARTY DATA

<table>
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<tr>
<th>Name</th>
<th>Execution Date</th>
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</thead>
<tbody>
<tr>
<td>Takehito FUCHIDA</td>
<td>08/23/2011</td>
</tr>
<tr>
<td>Hiroyuki TAKEMOTO</td>
<td>08/23/2011</td>
</tr>
<tr>
<td>Shunsuke SHUTOU</td>
<td>08/23/2011</td>
</tr>
<tr>
<td>Minoru MIYATAKE</td>
<td>08/23/2011</td>
</tr>
</tbody>
</table>

#### RECEIVING PARTY DATA

- **Name:** NITTO DENKO CORPORATION  
- **Street Address:** 1-1-2, Shimohozumi  
- **City:** Ibaraki-shi, Osaka  
- **State/Country:** JAPAN  
- **Postal Code:** 567-8680

#### PROPERTY NUMBERS Total: 1

<table>
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<tr>
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<td>Application Number</td>
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#### CORRESPONDENCE DATA

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*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.*

- **Correspondent Name:** Westerman, Hattori, Daniels & Adrian LLP  
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#### ATTORNEY DOCKET NUMBER:

- **111106**

#### NAME OF SUBMITTER:

- **Crystal Boyer**

Total Attachments: 1  
source=111106_Assignment_09_02_2011#page1.tiff
U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar ($1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

NITTO DENKO CORPORATION

1-1-2, Shimobozumi, Ibaraki-shi, Osaka 567-8680 JAPAN

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

LIGHT DIFFUSING ELEMENT, POLARIZING PLATE WITH
LIGHT DIFFUSING ELEMENT, LIQUID CRYSTAL DISPLAY APPARATUS USING BOTH, AND MANUFACTURING METHOD FOR LIGHT DIFFUSING ELEMENT

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

Takehito FUCHIDA
(Signature)
Takehito FUCHIDA
(Type Name)
23/8/2011
(Date)

Hiroyuki TAKEMOTO
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NO LEGALIZATION REQUIRED