

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Daisuke HATTORI</td> <td>03/07/2012</td> </tr> <tr> <td>Toshiyuki IIDA</td> <td>03/07/2012</td> </tr> <tr> <td>Takeshi MURASHIGE</td> <td>03/07/2012</td> </tr> <tr> <td>Takashi YAMAOKA</td> <td>03/07/2012</td> </tr> <tr> <td>Tatsuki NAGATSUKA</td> <td>03/08/2012</td> </tr> </tbody> </table>		Name	Execution Date	Daisuke HATTORI	03/07/2012	Toshiyuki IIDA	03/07/2012	Takeshi MURASHIGE	03/07/2012	Takashi YAMAOKA	03/07/2012	Tatsuki NAGATSUKA	03/08/2012
Name	Execution Date												
Daisuke HATTORI	03/07/2012												
Toshiyuki IIDA	03/07/2012												
Takeshi MURASHIGE	03/07/2012												
Takashi YAMAOKA	03/07/2012												
Tatsuki NAGATSUKA	03/08/2012												
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 border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13501044</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13501044								
Property Type	Number												
Application Number:	13501044												
CORRESPONDENCE DATA													
Fax Number:	(202)822-1111												
Phone:	2028221100												
Email:	PatentMail@Whdapatentlaw.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Westerman, Hattori, Daniels & Adrian LLP												
Address Line 1:	1250 Connecticut Avenue NW,												
Address Line 2:	Suite 700												
Address Line 4:	Washington,, DISTRICT OF COLUMBIA 20036												
ATTORNEY DOCKET NUMBER:	120422												
NAME OF SUBMITTER:	Crystal Boyer												
Total Attachments: 1 source=120422_Assignment_04_10_2012#page1.tif													

OP \$40.00 13501044

PATENT

Docket No. _____

Westerman, Hattori, Daniels & Adrian, LLP

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

(Insert ASSIGNEE's Name(s) Address(es))

1-1-2, Shimohozumi, 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

(Title of Invention)

TRANSPARENT SUBSTRATE

(*If the assignment is being filed after the filing of the application, this section must be completed)

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).

(Signatures)

<u><i>Daisuke Hattori</i></u> (Signature)	<u>Daisuke HATTORI</u> (Type Name)	<u>Mar. 7, 2012</u> (Date)
<u><i>Toshiyuki Iida</i></u> (Signature)	<u>Toshiyuki IIDA</u> (Type Name)	<u>Mar. 7, 2012</u> (Date)
<u><i>Takeshi Murashige</i></u> (Signature)	<u>Takeshi MURASHIGE</u> (Type Name)	<u>Mar. 7, 2012</u> (Date)
<u><i>Takashi Yamaoka</i></u> (Signature)	<u>Takashi YAMAOKA</u> (Type Name)	<u>Mar. 7, 2012</u> (Date)
<u><i>Tatsuki Nagatsuka</i></u> (Signature)	<u>Tatsuki NAGATSUKA</u> (Type Name)	<u>Mar. 8, 2012</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

PATENT

RECORDED: 04/10/2012

REEL: 028020 FRAME: 0528