

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>Kouji KIMURA</td><td>11/15/2010</td></tr><tr><td>Kazuo KITADA</td><td>11/15/2010</td></tr><tr><td>Tomokazu YURA</td><td>11/15/2010</td></tr><tr><td>Satoru KOSHIO</td><td>11/15/2010</td></tr><tr><td>Fumihito SHIMANOE</td><td>11/15/2010</td></tr><tr><td>Takuya NAKAZONO</td><td>11/15/2010</td></tr></tbody></table>		Name	Execution Date	Kouji KIMURA	11/15/2010	Kazuo KITADA	11/15/2010	Tomokazu YURA	11/15/2010	Satoru KOSHIO	11/15/2010	Fumihito SHIMANOE	11/15/2010	Takuya NAKAZONO	11/15/2010
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<table border="1"><tr><td>Name:</td><td>NITTO DENKO CORPORATION</td></tr><tr><td>Street Address:</td><td>1-1-2, Shimohozumi, Ibaraki-shi</td></tr><tr><td>City:</td><td>Osaka</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>567-8680</td></tr></table>		Name:	NITTO DENKO CORPORATION	Street Address:	1-1-2, Shimohozumi, Ibaraki-shi	City:	Osaka	State/Country:	JAPAN	Postal Code:	567-8680				
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PROPERTY NUMBERS Total: 1															
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Application Number:	13230470														
CORRESPONDENCE DATA															
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ATTORNEY DOCKET NUMBER:	5070-0009DIV2														

OP \$40.00 13230470

501654918

PATENT
REEL: 026888 FRAME: 0651

NAME OF SUBMITTER:

Yoon S. Ham

Total Attachments: 2

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- | | | | |
|----|-------------------|-------------------------------------|------------------------------|
| 1) | Kouji KIMURA | 2) | Kazuo KITADA |
| 3) | Tomokazu YURA | 4) | Satoru KOSHIO |
| 5) | Fumihito SHIMANOE | 6) | Takuya NAKAZONO |
| 7) | | 8) | |
| 9) | | <input checked="" type="checkbox"/> | x box if continued on page 2 |

who has made a certain new and useful invention, hereby sells, assigns and transfers unto **NITTO DENKO CORPORATION**, having a place of business at 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 567-8680, JAPAN, its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled:

**INFORMATION STORAGE/READOUT DEVICE FOR USE IN CONTINUOUSLY
MANUFACTURING SYSTEM FOR LIQUID-CRYSTAL DISPLAY
ELEMENTS, AND METHOD AND SYSTEM FOR PRODUCING THE SAME**

- (a) for which an application for United States Letters Patent was filed on October 13, 2010, and identified by United States Patent Application No. 12/903,977; or
- (b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefore and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

1) Kouji Kimura
Name: **Kouji KIMURA**

November 15, 2010
Date

2) Kazuo KITADA
Name: **Kazuo KITADA**

November 15, 2010
Date

3) Tomokazu YURA
Name: **Tomokazu YURA**

November 15, 2010
Date

4) Satoru Koshio
Name: Satoru KOSHIO

November 15, 2010
Date

5) Fumihito SHIMANOE
Name: Fumihito SHIMANOE

November 15, 2010
Date

6) Takuya NAKAZONO
Name: Takuya NAKAZONO

November 15, 2010
Date