

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>Takeharu Kitagawa</td> <td>09/01/2011</td> </tr> <tr> <td>Shusaku Goto</td> <td>09/01/2011</td> </tr> <tr> <td>Minoru Miyatake</td> <td>09/01/2011</td> </tr> <tr> <td>Tomohiro Mori</td> <td>09/01/2011</td> </tr> <tr> <td>Takashi Kamijo</td> <td>09/01/2011</td> </tr> <tr> <td>Kentaro Yoshida</td> <td>09/01/2011</td> </tr> <tr> <td>Satoru Kunikata</td> <td>09/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	Takeharu Kitagawa	09/01/2011	Shusaku Goto	09/01/2011	Minoru Miyatake	09/01/2011	Tomohiro Mori	09/01/2011	Takashi Kamijo	09/01/2011	Kentaro Yoshida	09/01/2011	Satoru Kunikata	09/01/2011
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RECEIVING PARTY DATA																	
Name:	NITTO DENKO CORPORATION																
Street Address:	1-1-2, Shimohozumi, Ibaraki-shi																
City:	Osaka																
State/Country:	JAPAN																
Postal Code:	5678680																
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>13283307</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13283307												
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Application Number:	13283307																
CORRESPONDENCE DATA																	
Fax Number:	(703)518-5499																
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Email:	yshgroup@ipfirm.com																
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
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ATTORNEY DOCKET NUMBER:	5070-0019CON																

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PATENT
REEL: 027138 FRAME: 0672

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) | Takeharu KITAGAWA | 2) | Shusaku GOTO |
| 3) | Minoru MIYATAKE | 4) | Tomohiro MORI |
| 5) | Takashi KAMIJO | 6) | Kentaro YOSHIDA |
| 7) | Satoru KUNIKATA | 8) | |
| 9) | | <input 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, 5678680, 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:

Optical display device having polarizing film

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Patent Application No. _____; or September 1, 2011
- (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) | <u>Takeharu Kitagawa</u>
Name: Takeharu KITAGAWA | <u>September 1, 2011</u>
Date |
| 2) | <u>Shusaku Goto</u>
Name: Shusaku GOTO | <u>September 1, 2011</u>
Date |
| 3) | <u>Minoru Miyatake</u>
Name: Minoru MIYATAKE | <u>September 1, 2011</u>
Date |

4) Tomohiro Mori
Name: Tomohiro MORI

September 1, 2011
Date

5) Takashi Kamijo
Name: Takashi KAMIJO

September 1, 2011
Date

6) Kentaro Yoshida
Name: Kentaro YOSHIDA

September 1, 2011
Date

7) Satoru Funikata
Name: Satoru KUNIKATA

September 1, 2011
Date