

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Shusaku GOTO	09/02/2011
Minoru MIYATAKE	09/02/2011
Tomohiro MORI	09/02/2011
Kentaro YOSHIDA	09/02/2011
Takeharu KITAGAWA	09/02/2011
RECEIVING PARTY DATA	
Name:	NITTO DENKO CORPORATION
Street Address:	1-1-2, Shimohozumi
City:	Ibaraki-shi, Osaka
State/Country:	JAPAN
Postal Code:	5678680
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13225347
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	5070-0022
NAME OF SUBMITTER:	Yoon S. Ham
Total Attachments: 2 source=5070-0022_Assignment#page1.tif source=5070-0022_Assignment#page2.tif	

OP \$40.00 13225347

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) | Shusaku GOTO | 2) | Minoru MIYATAKE |
| 3) | Tomohiro MORI | 4) | Kentaro YOSHIDA |
| 5) | Takeharu KITAGAWA | 6) | |
| 7) | | 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:

THIN HIGH-PERFORMANCE POLARIZING FILM AND METHOD FOR MANUFACTURING
THE SAME

- (a) for which an application for United States Letters Patent was filed on _____, and identified by United States Patent Application No. _____; or
- (b) for which an application for United States Letters Patent was executed on September 2, 2011

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>Shusaku Goto</u> | <u>September 2</u> | <u>, 2011</u> |
| | Name: Shusaku GOTO | Date | |
| 2) | <u>Minoru Miyatake</u> | <u>September 2</u> | <u>, 2011</u> |
| | Name: Minoru MIYATAKE | Date | |
| 3) | <u>Tomohiro Mori</u> | <u>September 2</u> | <u>, 2011</u> |
| | Name: Tomohiro MORI | Date | |

4) Kentaro Yoshida
Name: Kentaro YOSHIDA

September 2, 2011
Date

5) Takeharu Kitagawa
Name: Takeharu KITAGAWA

September 2, 2011
Date