

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3255401

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKEHARU KITAGAWA	08/31/2011
TAKUYA NAKAZONO	08/31/2011
SHUSAKU GOTO	08/31/2011
MINORU MIYATAKE	08/31/2011
TOMOHIRO MORI	08/31/2011
TAKASHI KAMIJO	08/31/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	NITTO DENKO CORPORATION
<b>Street Address:</b>	1-1-2, SHIMOHOZUMI
<b>City:</b>	IBARAKI-SHI, OSAKA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	5678680
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14639818
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)518-5499
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<b>ATTORNEY DOCKET NUMBER:</b>	5070-0017DIV
<b>NAME OF SUBMITTER:</b>	YOON S. HAM
<b>SIGNATURE:</b>	/Yoon S. Ham/
<b>DATE SIGNED:</b>	03/06/2015

**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) Takuya NAKAZONO                                    |
| 3) Shusaku GOTO      | 4) Minoru MIYATAKE                                    |
| 5) Tomohiro MORI     | 6) Takashi KAMUO                                      |
| 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:

Method and apparatus for continuously producing optical panel  
assemblies

- (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 August 31, 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>Takeharu Kitagawa</u><br>Name: Takeharu KITAGAWA | <u>August 31</u> , 2011<br>Date |
| 2) <u>Takuya NAKAZONO</u><br>Name: Takuya NAKAZONO     | <u>August 31</u> , 2011<br>Date |
| 3) <u>Shusaku Goto</u><br>Name: Shusaku GOTO           | <u>August 31</u> , 2011<br>Date |

4) Minoru Miyatake  
Name: Minoru MIYATAKE

August 31, 2011  
Date

5) Tomohiro Mori  
Name: Tomohiro MORI

August 31, 2011  
Date

6) Takashi Kamiyo  
Name: Takashi KAMIJO

August 31, 2011  
Date