

## 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>SAMSUNG DISPLAY CO., LTD.</td> <td>11/05/2012</td> </tr> <tr> <td>AZ ELECTRONIC MATERIALS (JAPAN) K.K.</td> <td>10/13/2012</td> </tr> </tbody> </table>		Name	Execution Date	SAMSUNG DISPLAY CO., LTD.	11/05/2012	AZ ELECTRONIC MATERIALS (JAPAN) K.K.	10/13/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>SAMSUNG DISPLAY CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>95, Samsung 2 Ro, Giheung-Gu, Gyeonggi-Do</td> </tr> <tr> <td>City:</td> <td>Yongin-City</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	SAMSUNG DISPLAY CO., LTD.	Street Address:	95, Samsung 2 Ro, Giheung-Gu, Gyeonggi-Do	City:	Yongin-City	State/Country:	KOREA, REPUBLIC OF		
Name:	SAMSUNG DISPLAY CO., LTD.										
Street Address:	95, Samsung 2 Ro, Giheung-Gu, Gyeonggi-Do										
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<table border="1"> <tr> <td>Name:</td> <td>AZ Electronic Materials IP (Japan) KK</td> </tr> <tr> <td>Street Address:</td> <td>Bunkyo Green Court, 28-8, Honkomagome 2-Chome, Bunkyo-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>113-0021</td> </tr> </table>		Name:	AZ Electronic Materials IP (Japan) KK	Street Address:	Bunkyo Green Court, 28-8, Honkomagome 2-Chome, Bunkyo-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	113-0021
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Patent Number:</td> <td>6645682</td> </tr> </tbody> </table>		Property Type	Number	Patent Number:	6645682						
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Patent Number:	6645682										
CORRESPONDENCE DATA											
Fax Number:	7032639361										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	3013-2										

CH \$40.00 6645682

NAME OF SUBMITTER:

Jongwon Kim

Total Attachments: 4

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# ASSIGNMENT

AS A BELOW NAMED ASSIGNOR, the hereinafter named Assignor individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey from the hereinafter named Assignor unto the hereinafter named Assignee:

ASSIGNOR: SAMSUNG DISPLAY CO., LTD.

ADDRESS: 95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea

ASSIGNOR: AZ Electronic Materials IP K.K.

ADDRESS: Bunkyo Green Court, 28-8, Honkomagome 2-Chome, Bunkyo-ku, Tokyo, 113-0021, JAPAN

AND;

ASSIGNEE: SAMSUNG DISPLAY CO., LTD.

ADDRESS: 95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea

ASSIGNEE: AZ Electronic Materials IP (Japan) KK

ADDRESS: Bunkyo Green Court, 28-8, Honkomagome 2-Chome, Bunkyo-ku, Tokyo, 113-0021, JAPAN

Who is my Assignee, and to the successes and assigns of my Assignee, all my right, title and interest, in and for the United States of America and all other countries, including all rights of priority, in and to the invention entitled:

**TITLE: THINNER FOR RINSING PHOTORESIST AND METHOD OF TREATING PHOTORESIST LAYER**

described in an application or a patent for a United States patent the specification of which is either attached hereto or otherwise accompanies this Assignment or is more particularly identified as:

- executed on even date herewith;
- Serial No. \_\_\_\_\_ filed in the U.S. Patent & Trademark Office on \_\_\_\_\_;
- Patent No. 6,645,682 issued in the U.S. Patent & Trademark Office on November 11, 2003; or
- executed on \_\_\_\_\_.

and in and to all United States patents which may be granted thereon and therefore, and in and to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-examined patents, and to any extensions thereof, said interest being the entire ownership of the patent when granted, to be held and enjoyed by my Assignees, its successors, assigns or other legal representatives, to the full end of the term, terms, or any extension or renewal thereof, for which said patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment, sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or patent, or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

And I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request the practitioners associated with Customer No. 66390 of LEXYOUME IP MEISTER, PLLC as my attorney(s) or agent(s) to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder:

For SAMSUNG DISPLAY CO., LTD.

Date: \_\_\_\_\_

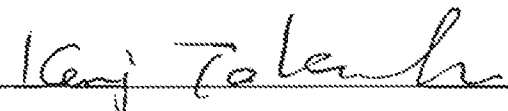
By: \_\_\_\_\_

Title: \_\_\_\_\_

Print Name: \_\_\_\_\_

For AZ ELECTRONIC MATERIALS (JAPAN) K.K.

Date: October 13, 2012

By: 

Title: President

Print Name: Kenji Takeuchi

# ASSIGNMENT

AS A BELOW NAMED ASSIGNOR, the hereinafter named Assignor individually hereby declare that: IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and other good and valuable consideration, the receipt of which from the hereinafter named Assignee is hereby acknowledged, I do hereby sell, assign and forever grant and convey from the hereinafter named Assignor unto the hereinafter named Assignee:

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ADDRESS: Bunkyo Green Court, 28-8, Honkomagome 2-Chome, Bunkyo-ku, Tokyo, 113-0021, JAPAN

AND;

ASSIGNEE: SAMSUNG DISPLAY CO., LTD.

ADDRESS: 95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea

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AND I hereby covenant and agree to sign and execute any further documents or instruments which may from time-to-time be either necessary, lawful, proper or requested by the Assignee, in the prosecution of the above-named application or patent, or in the preparation and prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue, re-examination, in any amendment, extension, or interference proceeding, whether administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

And I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request the practitioners associated with Customer No. 66390 of LEXYOUME IP MEISTER, PLLC as my attorney(s) or agent(s) to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder:

For **SAMSUNG DISPLAY CO., LTD.**

Date: November 5, 2012

Title: Principal IP Manager

By: Sang Cheol SHIN

Print Name: Sang Cheol Shin

For **AZ ELECTRONIC MATERIALS (JAPAN) K.K.**

Date: \_\_\_\_\_

Title: \_\_\_\_\_

By: \_\_\_\_\_

Print Name: \_\_\_\_\_