

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the conveying party data of inventor, Dong-Kil Yim, whose name is misspelled on current recorded assignment. previously recorded on Reel 023109 Frame 0158. Assignor(s) hereby confirms the Choi, Soo Young Chen, Jriyan Jerry Won, Tae Kyung Yim, Dong-Kil.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Soo Young Choi</td> <td>07/13/2009</td> </tr> <tr> <td>Jriyan Jerry Chen</td> <td>07/14/2009</td> </tr> <tr> <td>Tae Kyung Won</td> <td>07/13/2009</td> </tr> <tr> <td>Dong-Kil Yim</td> <td>07/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	Soo Young Choi	07/13/2009	Jriyan Jerry Chen	07/14/2009	Tae Kyung Won	07/13/2009	Dong-Kil Yim	07/09/2009
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Soo Young Choi	07/13/2009										
Jriyan Jerry Chen	07/14/2009										
Tae Kyung Won	07/13/2009										
Dong-Kil Yim	07/09/2009										
RECEIVING PARTY DATA											
Name:	Applied Materials, Inc.										
Street Address:	P.O. Box 450A										
City:	Santa Clara										
State/Country:	CALIFORNIA										
Postal Code:	95052										
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>12486435</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12486435						
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Application Number:	12486435										
CORRESPONDENCE DATA											
Fax Number:	(408)235-6796										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	408-986-7372										
Email:	yolande_glass@contractor.amat.com										
Correspondent Name:	Applied Materials										
Address Line 1:	P.O. Box 450A										
Address Line 4:	Santa Clara, CALIFORNIA 95052										
ATTORNEY DOCKET NUMBER:	13571/DISPLAY/AHRDWR/ES										
NAME OF SUBMITTER:	Yolande M. Glass										

CH \$40.00 12486435

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PATENT
REEL: 023127 FRAME: 0594

Total Attachments: 6

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08/17/2009
500938866

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the incorrect application number entered, previously recorded on Reel 023070 Frame 0781. Assignor(s) hereby confirms the Choi, Soo Young Chen, Jriyan Jerry Chen, Tae Kyung Yim, Dong-Kim.										
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Applied Materials, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 450A</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95052</td> </tr> </table>		Name:	Applied Materials, Inc.	Street Address:	P.O. Box 450A	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95052
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CORRESPONDENCE DATA											
<p>Fax Number: (408)986-3090 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-748-5524 Email: yolande_glass@contractor.amat.com Correspondent Name: Applied Materials Address Line 1: P.O. Box 450A Address Line 4: Santa Clara, CALIFORNIA 95052</p>											
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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1) Soo Young Choi 40907 Rioja Court Fremont, California 94539	2) Jriyan Jerry Chen 3825 Pruneridge Avenue Santa Clara, California 95051
3) Tae Kyung Won 1054 Belvedere Lane San Jose, California 95129	4) Dong-Kil Yim #310-1101 Halla Apt. Cheongsol-Maeul Keumgok-Dong Pundang-Ku Sungnam-City, Kyunggi-Do REPUBLIC OF KOREA 463-725

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**METHODS FOR FORMING AN AMORPHOUS SILICON
FILM IN DISPLAY DEVICES**

for which application for Letters Patent in the United States was filed on **June 17, 2009**, under Serial No. **12/486,435**, executed on even date herewith; and

WHEREAS, APPLIED MATERIALS, INC., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

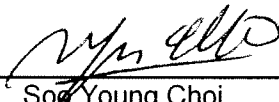

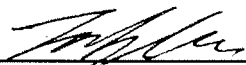
2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and

documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, conventional, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefore and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) 7/13/09 (DATE) 
Soe Young Choi
- 2) 7/14/09 (DATE) 
Jriyan Jerry Chen
- 3) 7/13/09 (DATE) 
Tae Kyung Won
- 4) _____ (DATE) _____
Dong-Kil Yim

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- 1) _____ (DATE) _____
Soo Young Choi
- 2) _____ (DATE) _____
Jriyan Jerry Chen
- 3) _____ (DATE) _____
Tae Kyung Won
- 4) July 9, 2009 (DATE)  _____
Dong-Kil Yim