

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Woo-Jin Lee</td> <td>09/20/2010</td> </tr> <tr> <td>Kuo-Wei Hong</td> <td>10/13/2010</td> </tr> <tr> <td>Akira Shimizu</td> <td>09/30/2010</td> </tr> <tr> <td>Deakyun Jeong</td> <td>10/04/2010</td> </tr> </tbody> </table>		Name	Execution Date	Woo-Jin Lee	09/20/2010	Kuo-Wei Hong	10/13/2010	Akira Shimizu	09/30/2010	Deakyun Jeong	10/04/2010
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>ASM Japan K.K.</td> </tr> <tr> <td>Street Address:</td> <td>23-1, 6-chome Nagayama</td> </tr> <tr> <td>City:</td> <td>Tama-shi, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>206-0025</td> </tr> </table>		Name:	ASM Japan K.K.	Street Address:	23-1, 6-chome Nagayama	City:	Tama-shi, Tokyo	State/Country:	JAPAN	Postal Code:	206-0025
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CORRESPONDENCE DATA											
<p>Fax Number: (602)382-6070</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6023826337</p> <p>Email: dboyd@swlaw.com</p> <p>Correspondent Name: Snell & Wilmer L.L.P. / Damon L. Boyd</p> <p>Address Line 1: One Arizona Center</p> <p>Address Line 2: 400 East Van Buren Street</p> <p>Address Line 4: Phoenix, ARIZONA 85004-2202</p>											
ATTORNEY DOCKET NUMBER:	56436.0800										
NAME OF SUBMITTER:	Damon L. boyd										
Total Attachments: 3											

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ASSIGNMENT

UTILITY PATENT

WHEREAS, the undersigned inventor(s) (hereinafter singly and collectively, "ASSIGNOR") of the address(es) indicated below, have invented a(n) **METHOD OF DEPOSITING DIELECTRIC FILM HAVING SI-N BONDS BY MODIFIED PEALD METHOD** for which application for Letters Patent of the United States is being applied for herewith (hereinafter "Application");

AND WHEREAS, ASM Japan K.K. (hereinafter "ASSIGNEE"), a corporation having its principal place of business at Tokyo, Japan and a mailing address of 23-1, 6-chome Nagayama, Tama-shi, Tokyo, Japan 206-0025, is desirous of acquiring the entire right, title, and interest in and to the Application and the invention as described in the Application;

AND WHEREAS, a "formal application," as referred to herein, shall include the Application including any provisional, non-provisional, design, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document thereof,

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents do sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title, and interest in and to the Applications, the invention as described in the Application, and all formal applications which may be filed based in whole or in part on one or more of the aforesaid applications, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREE to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of formal applications based on the invention or improvements therein, and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date(s) written below by ASSIGNOR:

Application No.: 12/901,323
Filed: 10/8/2010

INVENTOR'S NAME ADDRESS

Woo-Jin Lee

Tama-Shi, Tokyo
Japan

SIGNATURE

Woo-Jin Lee

DATE

2010/9/30

WITNESS NAME

SIGNATURE

DATE

Junya Morimoto

J. Morimoto

2010/9/30

INVENTOR'S NAME

ADDRESS

SIGNATURE

DATE

Kuo-Wei Hong

Tama-Shi, Tokyo
Japan

Kuo Wei Hong

2010/10/13

WITNESS NAME

SIGNATURE

DATE

Junya Morimoto

J. Morimoto

2010/10/13

Application No.: 12/901,323
Filed: 10/8/2010

INVENTOR'S NAME	ADDRESS	SIGNATURE	DATE
<u>Akira Shimizu</u>	<u>Sagamihara-shi, Kanagawa</u> <u>Japan</u>	<u>清水 晃</u>	<u>30 Sep. 2010</u>

WITNESS NAME	SIGNATURE	DATE
<u>Junya Morimoto</u>	<u>J. A</u>	<u>20/09/30</u>

INVENTOR'S NAME	ADDRESS	SIGNATURE	DATE
<u>Deakyun Jeong</u>	<u>Seoungbuk-gu, Seoul</u> <u>Korea</u>	<u>정대균</u>	<u>4. Oct 2010</u>

WITNESS NAME	SIGNATURE	DATE
<u>Kyungheon Jeong</u>	<u>[Signature]</u>	<u>4. Oct. 2010</u>

SNELL & WILMER, L.L.P.
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