

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>Akiko Kobayashi</td> <td>05/21/2013</td> </tr> <tr> <td>Yosuke Kimura</td> <td>05/22/2013</td> </tr> <tr> <td>Dai Ishikawa</td> <td>05/22/2013</td> </tr> <tr> <td>Kiyohiro Matsushita</td> <td>05/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Akiko Kobayashi	05/21/2013	Yosuke Kimura	05/22/2013	Dai Ishikawa	05/22/2013	Kiyohiro Matsushita	05/21/2013
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<table border="1"> <tr> <td>Name:</td> <td>ASM IP Holding B.V.</td> </tr> <tr> <td>Street Address:</td> <td>Versterkerstraat 8</td> </tr> <tr> <td>City:</td> <td>Almere</td> </tr> <tr> <td>State/Country:</td> <td>NETHERLANDS</td> </tr> <tr> <td>Postal Code:</td> <td>1322 AP</td> </tr> </table>		Name:	ASM IP Holding B.V.	Street Address:	Versterkerstraat 8	City:	Almere	State/Country:	NETHERLANDS	Postal Code:	1322 AP
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CORRESPONDENCE DATA											
<p>Fax Number: 6023826070 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6023826337 Email: snieto@swlaw.com Correspondent Name: Snell & Wilmer L.L.P. / Damon L. Boyd Address Line 1: One Arizona Center Address Line 2: 400 East Van Buren Street Address Line 4: Phoenix, ARMED FORCES IN EUROPE, THE MIDDLE EAST, AFRICA AND CANADA 85004-2202</p>											
ATTORNEY DOCKET NUMBER:	56436.03800										
NAME OF SUBMITTER:	Damon L. Boyd										

Signature:	/Damon L. Boyd/
Date:	05/23/2013
Total Attachments: 3 source=5643603800ASN#page1.tif source=5643603800ASN#page2.tif source=5643603800ASN#page3.tif	

ASSIGNMENT

UTILITY PATENT

WHEREAS, the undersigned inventor(s) (hereinafter singly and collectively, "ASSIGNOR") of the address(es) indicated below, have invented a(n) **Method for Repairing Damage of Dielectric Film by Cyclic Processes** for which application for Letters Patent of the United States is being applied for herewith (hereinafter "Application");

AND WHEREAS, **ASM IP Holding B.V.** (hereinafter "ASSIGNEE"), a corporation having its principal place of business at Versterkerstraat 8, 1322 AP Almere, The Netherlands, is desirous of acquiring the entire right, title, and interest in and to the Application and the invention as described in the Application, and is a non-Inventor Applicant;

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.

IN ADDITION, I authorize any attorney associated with Snell & Wilmer L.L.P. to insert on this document the serial number, filing date, and any further identification that may be necessary or desirable by the U.S. Patent and Trademark Office.

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

Application No.: 13/901,341

Filed: May 23, 2013

INVENTOR'S NAME	ADDRESS	SIGNATURE	DATE
<u>Akiko Kobayashi</u>	<u>Setagaya-ku, Tokyo</u> <u>Japan</u>	<u>小林 明子</u>	<u>May 21, 2013</u>

WITNESS NAME	SIGNATURE	DATE
<u>Junya Morimoto</u>	<u>J. Morimoto</u>	<u>May 21, 2013</u>

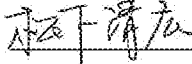
INVENTOR'S NAME	ADDRESS	SIGNATURE	DATE
<u>Yosuke Kimura</u>	<u>Hertogstraat 151/0102 3001</u> <u>Leuven, Belgium</u>	<u>木村 祥亮</u>	<u>22 May 2013</u>

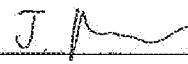
WITNESS NAME	SIGNATURE	DATE
<u>David de Roest</u>	<u>[Signature]</u>	<u>May 22nd, 2013</u>

INVENTOR'S NAME	ADDRESS	SIGNATURE	DATE
<u>Dai Ishikawa</u>	<u>Omae-shi, Tokyo</u> <u>Japan</u>	<u>石川 大</u>	<u>May 22, 2013</u>

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Application No.: 13/901,341
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INVENTOR'S NAME	ADDRESS	SIGNATURE	DATE
<u>Kiyohiro Matsushita</u>	<u>Fuchu-shi, Tokyo</u> <u>Japan</u>	<u></u>	<u>21/5/13</u>

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<u>Junya Morimoto</u>	<u></u>	<u>May 21, 2013</u>

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