

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>Jarmo Skarp</td> <td>05/12/2012</td> </tr> <tr> <td>Mervi Linnermo</td> <td>04/26/2012</td> </tr> <tr> <td>Timo Asikainen</td> <td>05/02/2012</td> </tr> <tr> <td>Eva Tois</td> <td>04/19/2012</td> </tr> <tr> <td>Suvi P. Haukka</td> <td>04/04/2012</td> </tr> <tr> <td>Tapio Kanninen</td> <td>04/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jarmo Skarp	05/12/2012	Mervi Linnermo	04/26/2012	Timo Asikainen	05/02/2012	Eva Tois	04/19/2012	Suvi P. Haukka	04/04/2012	Tapio Kanninen	04/15/2012
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<table border="1"> <tr> <td>Name:</td> <td>ASM International N.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 International N.V.	Street Address:	Versterkerstraat 8	City:	Almere	State/Country:	NETHERLANDS	Postal Code:	1322 AP				
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11009626</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11009626										
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Application Number:	11009626														
CORRESPONDENCE DATA															
<p>Fax Number: 9497609502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (949) 760-0404 Email: efilings@knobbe.com Correspondent Name: Knobbe, Martens, Olson & Bear, LLP Address Line 1: 2040 Main Street, 14th Floor Address Line 4: Irvine, CALIFORNIA 92614</p>															
ATTORNEY DOCKET NUMBER:	SEPP15.001CP1														
NAME OF SUBMITTER:	Andrew N. Merickel														

OP \$40.00 11009626

Signature:	/Andrew N. Merickel/
Date:	05/29/2013
Total Attachments: 7 source=Assignment-SEPP15_001CP1#page1.tif source=Assignment-SEPP15_001CP1#page2.tif source=Assignment-SEPP15_001CP1#page3.tif source=Assignment-SEPP15_001CP1#page4.tif source=Assignment-SEPP15_001CP1#page5.tif source=Assignment-SEPP15_001CP1#page6.tif source=Assignment-SEPP15_001CP1#page7.tif	

ASSIGNMENT

WHEREAS, Jarmo Skarp, a Finnish citizen, residing at Finland, Mervi Linnermo, a Finnish citizen, residing in Finland, Timo Asikainen, a Finnish citizen, residing in Finland, Eva Tois, a Finnish citizen, residing in Finland, Suvi P. Haukka, a Finnish citizen, residing in Finland, Tapio Kanninen, a Finnish citizen, residing in Finland, (individuals hereinafter "ASSIGNORS") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to PROCESS FOR PRODUCING METAL OXIDE FILMS AT LOW TEMPERATURES (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application"); Issued January 13, 2009 as US Patent Number 7,476,420.

AND WHEREAS, ASM INTERNATIONAL N.V. , a Corporation, with its principal place of business at Versterkerstraat 8, Almere, 1322 AP, THE NETHERLANDS (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby acknowledge that ASSIGNORS have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, any rights, title, and interest ASSIGNORS may have throughout the world in the Application and the Work, and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which have been or may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNORS hereby authorize and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

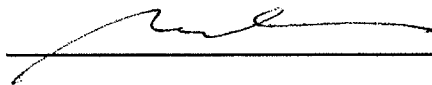
AND ASSIGNORS DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns any claims for damages and any remedies arising out of any violation of the rights assigned hereby that ASSIGNORS may have and that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNORS DO HEREBY covenant and agree that ASSIGNORS will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNORS respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

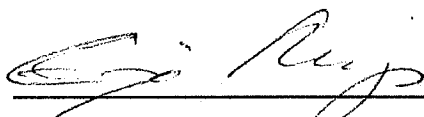
Patent No.: 7,476,420
Filing Date: November 19, 2004

Docket Number: SEPP15.001CP1
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This 12 day of May, 2012.



Jarmo Skarp



Witnessed by: Eija Skarp

Patent No.: 7,476,420
Filing Date: November 19, 2004

Docket Number: SEPP15.001CP1
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This 26 day of April, 2012

Mervi Linnermo

Mervi Linnermo

Janne Linnermo

Witnessed by: Janne Linnermo

Patent No.: 7,476,420
Filing Date: November 19, 2004

Docket Number: SEPP15.001CP1
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This 2nd day of May, 2012.

Timo Asikainen

Timo Asikainen

Hannu Huotari

Witnessed by: HANNU HUOTARI

Patent No.: 7,476,420
Filing Date: November 19, 2004

Docket Number: SEPP15.001CP1
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This 19 day of April, 2012.

Eva Tois

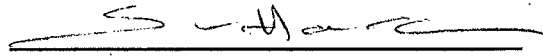
Eva Tois

Witnessed by: _____

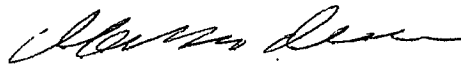
Patent No.: 7,476,420
Filing Date: November 19, 2004

Docket Number: SEPP15.001CP1
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This 4th day of April, 2012.



Suvi P. Haukka



Witnessed by: MARKO TUOMINEN

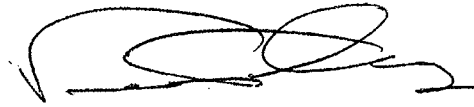
Patent No.: 7,476,420
Filing Date: November 19, 2004

Docket Number: SEPP15.001CP1
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This 15 day of April, 2012.



Tapio Kanninen



Witnessed by: Vesa Toivberg

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