

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Eric J. Shero	08/10/2010
Mohith Verghese	08/10/2010
RECEIVING PARTY DATA	
Name:	ASM AMERICA, INC.
Street Address:	3440 East University Drive
City:	Phoenix
State/Country:	ARIZONA
Postal Code:	85034-7200
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12547911
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NAME OF SUBMITTER:	David Buckingham
Total Attachments: 2 source=Assignment1#page1.tif source=Assignment1#page2.tif	

OP \$40.00 12547911

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PATENT
REEL: 025056 FRAME: 0280

ASSIGNMENT

WHEREAS, Eric J. Shero, a United States citizen, residing at 2548 E. Lupine Avenue, Phoenix, Arizona 85028; Mohith Verghese, a United States citizen, residing at 15219 South Foxtail Lane, Phoenix, Arizona 85048; AND Jan Willem Maes, a Netherlands citizen, residing at Abelenprieel 5, Wilrijk, 2610, Belgium (individuals hereinafter "ASSIGNORS"); invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries related to HIGH CONCENTRATION WATER PULSES FOR ATOMIC LAYER DEPOSITION (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been filed (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

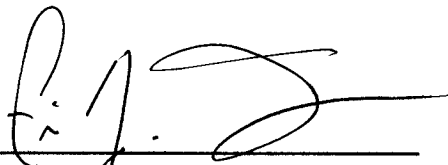
AND WHEREAS, ASM AMERICA, INC., a Delaware Corporation, with its principal place of business at 3440 East University Drive, Phoenix, Arizona 85034-7200 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

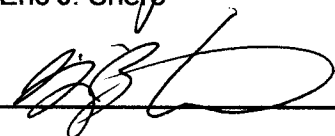
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby acknowledge that ASSIGNORS have sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including U.S. Application No. 12/547,911, filed August 26, 2009, and all 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 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 request 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 all claims for damages and all remedies arising out of any violation of the rights assigned hereby 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.

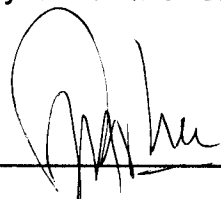
AND ASSIGNORS DO HEREBY covenant and agree that ASSIGNORS will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNORS respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional 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.

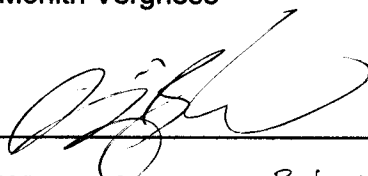
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10 day of August, 2010.


Eric J. Sherp


Witness Signature - Benjamin B. Cotton

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10 day of August, 2010.


Mohith Verghese


Witness Signature - Benjamin B. Cotton

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 20____.

Jan Willem Maes

Witness Signature

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