

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Petri I. Raisanen	04/27/2009
RECEIVING PARTY DATA	
Name:	ASM America, Inc.
Street Address:	3440 E. University Drive
City:	Phoenix
State/Country:	ARIZONA
Postal Code:	85034
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12430751
CORRESPONDENCE DATA	
Fax Number:	(602)253-8129
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	SQUIRE SANDERS & DEMPSEY LLP
Address Line 1:	TWO RENAISSANCE SQUARE, 40 NORTH CENTRAL
Address Line 2:	SUITE 2700
Address Line 4:	PHOENIX, ARIZONA 85004-4498
ATTORNEY DOCKET NUMBER:	055043.00010
NAME OF SUBMITTER:	Allen J. Moss
Total Attachments: 2 source=Assignment_Recordation#page1.tif source=Assignment#page1.tif	

CH \$40.00 12430751

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PATENT
REEL: 022601 FRAME: 0761

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Petri I. Raisanen

2. Name and address of receiving party(ies)

Name: ASM America, Inc.

Internal Address: _____

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) April 27, 2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

Street Address: 3440 E. University Drive

City: Phoenix

State: Arizona

Country: US Zip: 85034

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/430,751

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Squire, Sanders & Dempsey L.L.P.

Internal Address: _____

Street Address: Two Renaissance Square

40 North Central Avenue, Suite 2700

City: Phoenix

State: Arizona Zip: 85004-4498

Phone Number: (602) 528-4000

Fax Number: (602) 253-8129

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 19-3878

Authorized User Name A.J. Moss

9. Signature:

/Lucius Lockwood/

Signature

April 27, 2009

Date

Lucius Lockwood - Reg. No. 53,231

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

2

ASSIGNMENT

WHEREAS I, the below-named inventor (hereinafter "Assignor"), have made an invention entitled: "ATOMIC LAYER DEPOSITION OF HAFNIUM LANTHANUM OXIDES" for which I executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, ASM America, Inc., a CORPORATION of ARIZONA having a principal place of business at 3440 E. University Drive, Phoenix, Arizona, 85034, (hereinafter "Assignee"), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention, as well as all applications related to this application now or hereafter filed anywhere in the world and all Letters Patents granted from any of the foregoing applications;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I, as Assignor, have sold, assigned, and transferred unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention, and this application, and all divisions, continuations, and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon, and all reexaminations certificates and reissues thereof, as well as all rights to claim priority on the basis of this application, and all applications for Letters Patent which may now or hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof in any country; and I hereby authorize and request the United States Patent and Trademark Office and any official of any foreign country whose duty it is to issue Letters Patent on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, continuation-in-part and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hands.

County of <u>Maricopa</u>)	Name: <u>Petri I. Raisanen</u>
) ss.	Address: <u>930 South Silverado Street</u>
)	<u>Gilbert, Arizona 85296</u>
State of <u>Arizona</u>)	Signature: <u>[Signature]</u>
	Date: <u>04/27/2009</u>

Subscribed and sworn to before me this 27th day of April, 2009
[Signature], Notary Public

