


Client Code: ASMEX.585A

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Chang-gong Wang 2. Eric J. Shero 3. Glen Wilk 4. Jan Willem Maes</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>() Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: ASM America Inc. Internal Address: Street Address: 3440 East University Drive City: Phoenix State: AZ ZIP: 85034</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>() Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement () Merger () Change of Name () Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1. 09/22/06 2. 10/08/06 3. 09/18/06 4. 09/18/06</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 11/490,875 Filing Date: July 21, 2006</p> <p>Additional numbers attached?</p> <p>() Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: ASMEX.585A</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.</p> <p><u>Andrew N. Merickel</u> Name of Person Signing</p> <p><u></u> Signature</p> <p><u>October 10 2006</u> Date</p> <p>53,317 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 4</p>	

Documents transmitted via Facsimile to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director, U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
Facsimile Number: (571) 273-0140

3000710
100906

700291329

PATENT
REEL: 018381 FRAME: 0034

CH \$40.00 111410 11490875

Application No.: 11/490,875
Filing Date: July 21, 2006

PATENT
Client Code: ASMEX.585A
Page 1

ASSIGNMENT

WHEREAS, We, Chang-gong Wang, a Chinese citizen, residing at 3120 E. Lark Drive, Chandler, AZ 85249, Eric J. Shero, a U.S. citizen, residing at 2548 East Lupine Avenue, Phoenix, AZ 85028, Glen Wilk, a U.S. citizen, residing at 10844 E. Raintree Drive, Scottsdale, AZ 85255 and Jan Willem Maes, a Dutch citizen, residing at Abelenprieel 5, 2610 Wilrijk, BELGIUM, have invented certain new and useful improvements in ALD OF METAL SILICATE FILMS for which we have filed an application for Letters Patent in the United States, Application No. 11/490,875, Filed on July 21, 2006;

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

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations 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 applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we 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 Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his 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 the said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 22 day of September, 2006

Wang Chang-gong
Chang-gong Wang

STATE OF Arizona }
COUNTY OF Maricopa } ss.

On 9/22/06, before me, Cammie Lopez, personally appeared Chang-gong Wang personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his

Application No.: 11/490,875
Filing Date: July 21, 2006

PATENT
Client Code: ASMEX.585A
Page 2

authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Cammie R. Lopez
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 8th day of October, 2006

Eric J. Shero
Eric J. Shero

STATE OF Arizona }
COUNTY OF Maricopa } ss.

On 10/8/06, before me, Cammie Lopez, personally appeared Eric J. Shero personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]



Cammie R. Lopez
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18th day of September, 2006

Glen Wilk
Glen Wilk

STATE OF Arizona }
COUNTY OF Maricopa } ss.

On 9/18/06, before me, Cammie Lopez, personally appeared Glen Wilk personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]




Cammie R. Lopez
Notary Signature

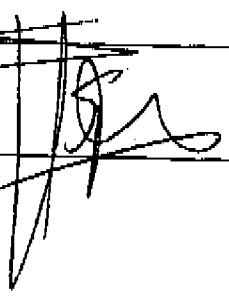
Application No.: 11/490,875
Filing Date: July 21, 2006

PATENT
Client Code: ASMEX.585A
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18 day of SEPTEMBER, 2006


Jan Willem Maes

Witness Signature


Hazel Spree

2861303
082206