


Client Code: ASMEX.517A

**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) Matthias Bauer, (2) Chantal Arena, (3) Ronald Bertram, (4) Pierre Tomasini (5) Nyles Cody, (6) Paul Brabant, (7) Joseph Italiano, (8) Paul Jacobson, (9) Keith Doran Weeks</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p><b>Name:</b> ASM AMERICA, INC. <b>Street Address:</b> 3440 East University Drive <b>City:</b> Phoenix <b>State:</b> AZ <b>ZIP:</b> 85034-7200</p> <p>Additional name(s) of receiving party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures) (1) 5/10/06, (2) 6/8/06, (3) 6/1/06, (4) 5/3/06, (5) 5/5/06, (6) 5/5/06, (7) 5/25/06, (8) 5/25/06, (9) 5/24/06</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p><input checked="" type="checkbox"/> Patent Application No.: 11/343,264 Filing Date: January 30, 2006</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p><b>Customer No.</b> 20,995 <b>Address:</b> Knobbe, Martens, Olson &amp; Bear, LLP 2040 Main Street, 14<sup>th</sup> Floor Irvine, CA 92614 <b>Return Fax:</b> (949) 760-9502 <b>Attorney's Docket No.:</b> ASMEX.517A</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p><input checked="" type="checkbox"/> 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>Kyle F. Schlueter</u> Name of Person Signing</p> <p> Signature</p> <p>June 19, 2006 Date</p> <p>54,912 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 7</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

700271224

**PATENT**  
**REEL: 017818 FRAME: 0973**

CH \$40.00 111410 11343264

**PATENT**

Client Code: ASMEX.517A

Page 1

Application No.: 11/343,264  
Filing Date: January 30, 2006

**ASSIGNMENT**

WHEREAS, We, Matthias Bauer, a German citizen, residing at 7205 South Golfside Lane, Phoenix, AZ 85042; and Chantal Arena, a United States citizen, residing at 3847 E. Ivyglen Circle, Mesa, AZ 85205; and Ronald Bertram, a United States citizen, residing at 221 East Silver Creek, Gilbert, AZ 85296; and Pierre Tomasini, a French citizen, residing at 1445 E. Broadway Rd., Unit 214, Tempe, AZ 85282; and Nyles Cody, a United States citizen, residing at 1395 W. Maria Lane, Tempe, AZ 85284; and Paul Brabant, a United States citizen, residing at 4347 E. Kachina Trail, Phoenix, AZ 85044; and Joseph Italiano, a United States citizen, residing at 15833 S. 38<sup>th</sup> Street, Phoenix, AZ 85048; and Paul Jacobson, a United States citizen, residing at 4116 E. Tanglewood, Phoenix, AZ 85048 and Keith Doran Weeks, a United States citizen, residing at 730 S. Golden Key, Gilbert, AZ 85233, have invented certain new and useful improvements in a SELECTIVE DEPOSITION OF SILICON-CONTAINING FILMS for which we have filed an application for Letters Patent in the United States, Application No. 11/343,264, Filed on January 30, 2006;

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

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other 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, his 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, his 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, his 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, his successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

**PATENT****REEL: 017818 FRAME: 0974**

Application No.: 11/343,264  
Filing Date: January 30, 2006

PATENT  
Client Code: ASMEX.517A  
Page 2

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10<sup>th</sup> day of May, 2006

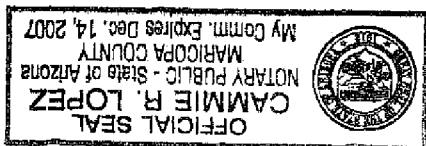
Matthias Bauer  
Matthias Bauer

STATE OF Arizona }  
COUNTY OF Maricopa } ss.

On 5/10/06, before me, Cammie Lopez, personally appeared Matthias Bauer 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 Lopez  
Notary Signature

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

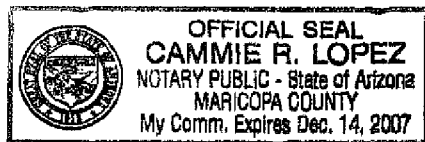
Chantal Arena  
Chantal Arena

STATE OF Arizona }  
COUNTY OF Maricopa } ss.

On 6/8/06, before me, Cammie Lopez, personally appeared Chantal Arena 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 she executed the same in her authorized capacity(ies), and that by her 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 Lopez  
Notary Signature

Application No.: 11/343,264  
Filing Date: January 30, 2006

**PATENT**  
Client Code: ASMEX.517A  
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1st day of JUNE, 2006

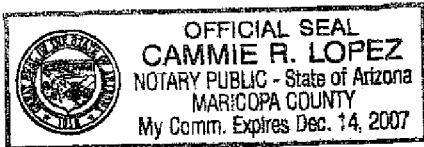
Ronald Bertram  
Ronald Bertram

STATE OF Arizona }  
COUNTY OF Maricopa } ss.

On 6/1/06, before me, Cammie Lopez, personally appeared Ronald Bertram 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 Lopez  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of MAY, 2006.

Pierre Tomasini  
Pierre Tomasini

STATE OF Arizona }  
COUNTY OF Maricopa } ss.

On 5/3/06, before me, Cammie Lopez, personally appeared Pierre Tomasini 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 Lopez  
Notary Signature

Application No.: 11/343,264  
Filing Date: January 30, 2006

**PATENT**  
Client Code: ASMEX.517A  
Page 4

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5<sup>th</sup> day of May, 2006

Nyles Cody  
Nyles Cody

STATE OF Arizona }  
COUNTY OF Maricopa } ss.

On 5/5/06, before me, Cammie Lopez, personally appeared Nyles Cody 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 Lopez  
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5 day of May, 2006

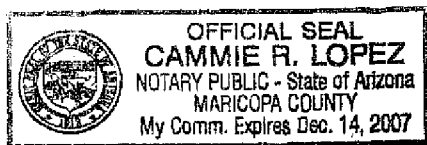
Paul Brabant  
Paul Brabant

STATE OF Arizona }  
COUNTY OF Maricopa } ss.

On 5/3/06, before me, Cammie Lopez, personally appeared Paul Brabant 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 Lopez  
Notary Signature

Application No.: 11/343,264  
Filing Date: January 30, 2006

PATENT  
Client Code: ASMEX.517A  
Page 5

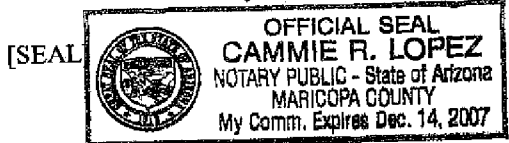
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25<sup>th</sup> day of May, 2006

Joseph Italiano  
Joseph Italiano

STATE OF Arizona }  
COUNTY OF Maricopa } ss.

On 5/25/06, before me, Cammie Lopez, personally appeared Joseph Italiano 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.



Cammie Lopez  
Notary Signature

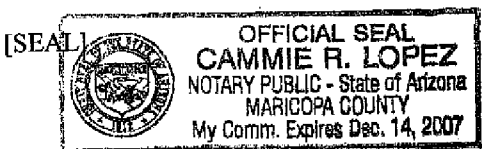
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 25 day of May, 2006

Paul Jacobson  
Paul Jacobson

STATE OF Arizona }  
COUNTY OF Maricopa } ss.

On 5/25/06, before me, Cammie Lopez, personally appeared Paul Jacobson 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.



Cammie Lopez  
Notary Signature

Application No.: 11/343,264  
Filing Date: January 30, 2006

PATENT  
Client Code: ASMEX.517A  
Page 6

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 24<sup>th</sup> day of May, 2006

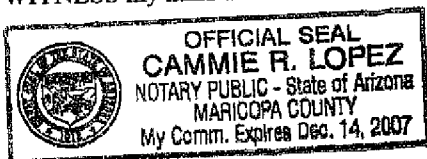
Keith Doran Weeks  
Keith Doran Weeks

STATE OF Arizona }  
COUNTY OF Maricopa } ss.

On 5/24/06, before me, Cammie Lopez, personally appeared Keith Doran Weeks 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 Lopez  
Notary Signature

2516283  
041106