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PATENTS ONL



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TO THE ASSISTANT COMMISSIONER FOR PATENTS: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

- 1) Ivo Raaijmakers
- 2) Cornelius Alexander van der Jeugd
- 3) Christophe Francois Lilian Pomarede
- 4) Alexander Gschwandtner
- 5) Andreas Grassl

2. Name and address of receiving party(ies):

Name: ASM America, Inc.  
 Internal Address:  
 Street Address: 3440 East University Drive  
 City: Phoenix State: AZ ZIP: 85034-7200

Additional name(s) of receiving party(ies) attached?  
 ( ) Yes (X) No

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

3. Nature of conveyance:

- (X) Assignment
- ( ) Merger
- ( ) Security Agreement
- ( ) Change of Name
- ( ) Other:

*MAD  
12/20/99*

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above)

- 1) March 4, 1999
- 2) March 3, 1999
- 3) March 3, 1999
- 4) March 3, 1999
- 5) March 3, 1999

4. Application number(s) or Patent number(s):

- ( ) Application(s) filed herewith Execution Date(s):
- (X) Patent Application No.: 09/264,167  
Filing Date: 03/05/99
- ( ) Patent No.:  
Issue Date:

Additional numbers attached? ( ) Yes (X) No

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

Name: Adeel S. Akhtar  
 KNOBBE, MARTENS, OLSON & BEAR, LLP  
 Customer No. 20,995  
 Internal Address: Sixteenth Floor  
 Street Address: 620 Newport Center Drive  
 City: Newport Beach State: CA ZIP: 92660  
 Attorney's Docket No.: ASMEX.186A

7. Total fee (37 CFR 3.41): \$40.00

- (X) Enclosed
- ( ) Authorized to be charged to deposit account

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

9. Statement and signature.

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.

Adeel S. Akhtar  
 Name of Person Signing

*Adeel Akhtar*  
 Signature

December 16, 1999  
 Date

41,394  
 Registration No.

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:

02/03/2000 DMGUYEN 00000305 09264167

01 FC:581

40.00 DP

Assistant Commissioner for Patents  
 Box Assignments  
 Washington, D.C. 20231

Appacation No.: Unknown  
Filing Date: Herewith

PATENT  
Client Code: ASMEX.186A  
Page 1

ASSIGNMENT

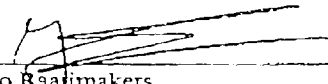
WHEREAS, We, Ivo Raaijmakers, a citizen of the Netherlands, residing at 2741 E. Big Horn Avenue, Phoenix, Arizona 85048, Christophe François Lilian Pomarède, a citizen of France, residing at 16, Lot La condamine, F-34570 Pignan, France, Cornelius Alexander van der Jeugd, a citizen of the Netherlands, residing at 9560 NW Arborview Drive, Portland, Oregon 97229, Alexander Gschwandtner, a citizen of Austria, residing at Eisenheimerstrasse 18, 80687 Munich, Germany, and Andreas Grassl, a citizen of Germany, residing at Friedrich-Engels-Bogen 12, 81735 Munich, Germany, have invented certain new and useful improvements in a METHOD OF DEPOSITING SILICON WITH HIGH STEP COVERAGE, for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, ASM America, Inc. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 3440 East University Drive, Phoenix, Arizona 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, he 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 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, he successors, legal representatives and assigns, in accordance with the terms of this instrument.

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.

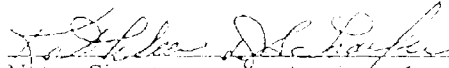
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 4<sup>th</sup> day of March 1999

  
Ivo Raaijmakers

STATE OF Arizona  
COUNTY OF Maricopa ] ss.

On 3/4/99, before me, John DeLoach, personally appeared Ivo Raaijmakers, 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]

  
Notary Signature  
John DeLoach  
My Commission Expires 11/30/00

Application No.: Unknown  
Filing Date: Herewith

PATENT  
Client Code: ASMEX.186A  
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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of March 1999

Cornelius Alexander van der Jeugd  
Cornelius Alexander van der Jeugd

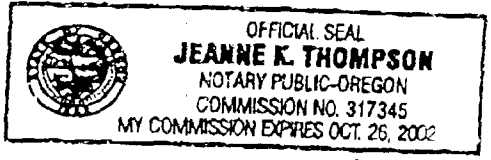
STATE OF OREGON  
COUNTY OF MULTNOMAH ] ss.

On 3/3/99, before me, Jeanne K. Thompson, personally appeared Cornelius Alexander van der Jeugd, 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]

Jeanne K. Thompson  
Notary Signature



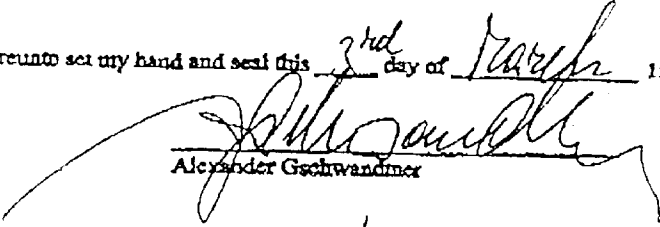
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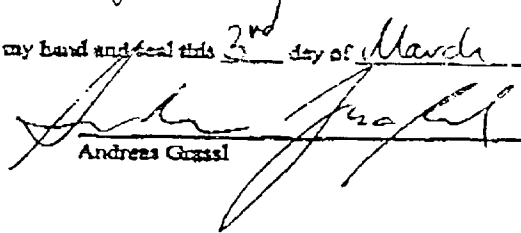
IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of March 1999

  
\_\_\_\_\_  
Christophe François Lhian Pomardé

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of March 1999

  
\_\_\_\_\_  
Alexander Geschwandner

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 3rd day of March 1999

  
\_\_\_\_\_  
Andreas Gussel

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