

09-16-2004



To the Director, U.S. Patent and Trademark Office

Documents or copy thereof.

102837478

9-3-04

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Michael A. Todd 2. Ivo Raaijmakers</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>() Yes (X) No</p>	<p>receiving party(ies):</p> <p>Name: ASM America, Inc. Internal Address: Street Address: 3440 East University Drive City: Phoenix State: AZ ZIP: 85034-7200</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. August 9, 2004 2. August 23, 2004</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Application(s) filed herewith</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 Return Fax: (949) 760-9502 Attorney's Docket No.: ASMEX.337A</p>	<p>6. Total number of applications and patents involved: 1</p> <p>10933978</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Enclosed</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>Adeel S. Akhtar</u> Name of Person Signing</p> <p><u><i>Adeel S. Akhtar</i></u> Signature</p> <p><u>September 3, 2004</u> Date</p> <p>41,394 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 4</p>	

16800 U.S. PTO
10/933978
090304

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

09/08/2004 SHASSEM1 00000040 10933978

04 FC:0021

40.00 UP

Mail Stop Assignment Recordation Services
Director, U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

RECORDPA
W:\DOCS\ZYW\ZYW-3319.DOC
090304

ASSIGNMENT

WHEREAS, We, Michael A. Todd, a U.S. citizen, residing at 7041 N. 14th Place, Phoenix, AZ 85020, and Ivo Raaijmakers, a Dutch Citizen, residing at Soestdijkseweg 389, Bilthoven 3723 HD, THE NETHERLANDS, have invented certain new and useful improvements in a DEPOSITION FROM LIQUID SOURCES for which we have executed an application for Letters Patent in the United States, on even date herewith;

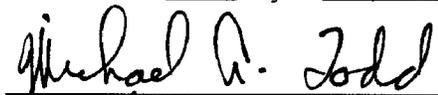
AND WHEREAS, ASM AMERICA, INC. (hereinafter "ASSIGNEE"), a DE Corporation, with its principal place of business at 3440 East University Drive, Phoenix, AZ 85034-7200, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in 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.

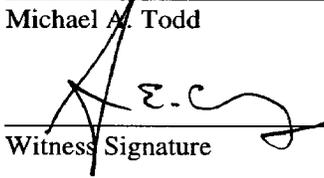
AND WE DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, his successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, 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 9TH day of AUGUST, 20 04



Michael A. Todd



Witness Signature

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

Ivo Raaijmakers

Witness Signature



Application No.: Unknown
Filing Date: Herewith

PATENT
Client Code: ASMEX.337A
Page 1

ASSIGNMENT

WHEREAS, We, Michael A. Todd, a U.S. citizen, residing at 7041 N. 14th Place, Phoenix, AZ 85020, and Ivo Raaijmakers, a Dutch Citizen, residing at Soestdijkseweg 389, Bilthoven 3723 HD, THE NETHERLANDS, have invented certain new and useful improvements in a DEPOSITION FROM LIQUID SOURCES 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 DE 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 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.

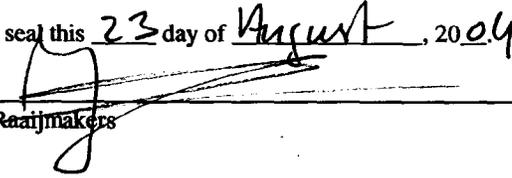
AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, 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 ____ day of _____, 20__.

Michael A. Todd

Witness Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 23 day of August, 2004



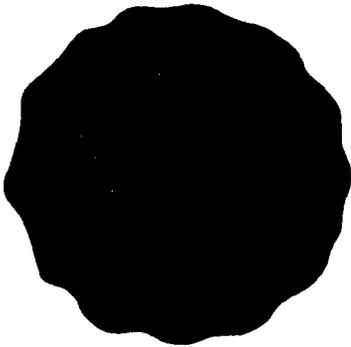
Ivo Raaijmakers

Witness Signature



Seen by me, IJsbrand Cornelis van Straten, prospective civil-law notary, residing in Amsterdam, the Netherlands, acting as legal substitute (*waarnemer*) for Paul Hubertus Nicolaas Quist, civil-law notary in Amsterdam, the Netherlands, for the legalization of the signature of Mr. I.J.M.M. Raaijmakers, holder of a Dutch Passport with number M01731363.

Amsterdam, 26 August 2004.



A handwritten signature in black ink, appearing to be "I.J.M.M. Raaijmakers".