

08-23-2004

Client Code: ASMEX.328C1

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To the Director, U.S. Patent and Tradem

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Original documents or copy thereof.

15364 U.S. PTO
10/918547



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| <p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>Michael A. Todd <i>8-12-04</i></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.</p> <p>Internal Address: 3440 E. University Drive</p> <p>Street Address: 3440 E. University Drive</p> <p>City: Phoenix State: AZ</p> <p>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</p> <p>() Merger () Change of Name</p> <p>() Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>April 22, 2002</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</p> <p>Return Fax: (949) 760-9502</p> <p>Attorney's Docket No.: ASMEX.328C1</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) 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>Joseph J. Mallon</u> Name of Person Signing</p> <p><i>Joseph J. Mallon</i> Signature</p> <p><u>August 12, 2004</u> Date</p> <p><u>39,287</u> Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 2</p> | |

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

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PATENT
REEL: 015692 FRAME: 0288

ASSIGNMENT

WHEREAS, I, Michael A. Todd, a United States citizen, residing at residing at 7041 N. 14th Place, Phoenix, AZ 85020, have invented certain new and useful improvements in a DEPOSITION OVER MIXED SUBSTRATES for which I have filed an application for Letters Patent in the United States, 10/074,633, on February 11, 2002;

AND WHEREAS, ASM AMERICA, INC. (hereinafter "ASSIGNEE"), a Delaware Corporation, with its principal place of business at 3440 E. 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, I, the said inventor, do hereby acknowledge that I have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, 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 I 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, successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to me 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, 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 22nd day of April, 2002

Michael A. Todd
Michael A. Todd

STATE OF Arizona

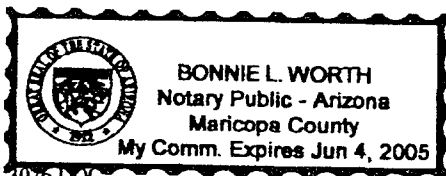
COUNTY OF Maricopa

} ss.

On April 22 2002, before me, Bonnie L. Worth, Notary Public, personally appeared Michael A. Todd 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]



Bonnie L. Worth
Notary Signature

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