

Client Code: ASMINT.078AUS

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<p>1. Name of conveying parties: (List using letters or numbers for multiple parties)</p> <p>1. Albert Hasper 2. Theodorus Gerardus Maria Oosterlaken</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: ASM International N.V. Address: Jan van Eycklaan 10 3723 BC Bilthoven The Netherlands</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p><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)</p> <p>1. October 13, 2005 2. October 13, 2005</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p><input checked="" type="checkbox"/> Patent Application No.: 11/250,795 Filing Date: October 13, 2005</p> <p>Additional numbers attached?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.: ASMINT.078AUS</p>	<p>6. Total number of applications and patents involved: ONE</p>
<p>7. Total fee (37 CFR 1.21(h)): \$0</p> <p><input checked="" type="checkbox"/> Previously Paid</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>Zi Y. Wong</u> Name of Person Signing</p> <p><u>58,410</u> Registration No.</p> <p>_____ Signature</p> <p><u>6/1/07</u> Date</p> <p>Total number of pages including cover sheet, attachments and document: 2</p>	

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<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. October 13, 2005 2. October 13, 2005</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 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 780-9502 Attorney's Docket No.: ASMINT.078AUS</p>	<p>6. Total number of applications and patents involved: ONE</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Enclosed</p> <p><i>previously paid.</i></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>October 13, 2005</u> Date</p> <p>41,394 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 3</p>	

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Filing Date: Herewith

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Page 1

ASSIGNMENT

WHEREAS, We, Albert Hasper, a Dutch citizen, residing at Prinses Beatrix Plantsoen 9, 7941 EV Meppel, THE NETHERLANDS, and Theodorus Gerardus Maria Oosterlaken, a Dutch citizen, residing at Meent 4, 3421 GT Oudewater, THE NETHERLANDS, have invented certain new and useful improvements in PARTS FOR DEPOSITION REACTORS, for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, ASM INTERNATIONAL N.V. (hereinafter "ASSIGNEE"), with its principal place of business at Jan van Eycklaan 10, 3723 BC Bilthoven, THE NETHERLANDS, 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 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 13 day of 10, 2005

Albert Hasper

Witness Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13 day of 10, 2005

Theodorus Gerardus Maria Oosterlaken

Witness Signature

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