

12-09-2004



To the Director, U.S. Patent and Trademark

nal documents or copy thereof.

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<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Juhana Kostamo 2. Maarten Stokhof</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>( ) Yes (X) No</p>	<p>2. Name of receiving party(ies):</p> <p><b>Name:</b> ASM INTERNATIONAL, N.V.</p> <p><b>Street Address:</b> Jan van Eycklaan 10 3723 BC Bilthoven, The Netherlands</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>1. 11/04/04 2. 11/16/04</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 10/910,881 Filing Date: August 3, 2004</p> <p>Additional numbers attached?</p> <p>( ) Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p><b>Customer No.</b> 20,995</p> <p><b>Return Fax:</b> (949) 760-9502</p> <p><b>Attorney's Docket No.:</b> ASMMC.056AUS</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>Andrew N. Merickel</u> Name of Person Signing</p> <p><u>53,317</u> Registration No.</p> <p><u></u> Signature</p> <p><u>12/1/04</u> Date</p> <p>Total number of pages including cover sheet, attachments and document: 2</p>	

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ASSIGNMENT

WHEREAS, We, Juhana Kostamo, a Finnish citizen, residing at Norppatie 4 B 5, FIN-02260 Espoo, FINLAND, Maarten Stokhof, a Dutch citizen, residing at TERVUURSEVEST 207 B-3000 Leuven, BELGIUM, have invented certain new and useful improvements in a METHOD OF GROWING ELECTRICAL CONDUCTORS for which we have filed an application for Letters Patent in the United States, Application No. 10/910,881, Filed on August 3, 2004;

AND WHEREAS, ASM INTERNATIONAL N.V. (hereinafter "ASSIGNEE"), a Corporation, 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 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 4th day of November, 2004.

  
\_\_\_\_\_  
Juhana Kostamo

  
\_\_\_\_\_  
Witness Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16<sup>th</sup> day of NOVEMBER, 2004.

  
\_\_\_\_\_  
Maarten Stokhof

  
\_\_\_\_\_  
Witness Signature