


Client Code: ASMGEN.029AUS

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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>a) Ki Jong Kim b) Dae Youn Kim</p> <p>Additional name(s) of conveying party(ies) attached? () Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: ASM Genitech Korea Ltd.</p> <p>Address: Sungkong-Kwan 1-dong Chun-An Valley 514 Sameun-ri, Jiksan-eup, Cheonan-si Chungcheongnam-do, 330-816 Republic of Korea</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>a) 09 December 2008 b) 09 December 2008</p>	<p>Additional name(s) of receiving party(ies) attached? () Yes (X) No</p> <p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 12/332,234 Filing Date: December 10, 2008</p> <p>Additional numbers attached? () Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995</p> <p>Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614</p> <p>Return Fax: (949) 760-9502</p> <p>Attorney's Docket No.: ASMGEN.029AUS</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) Authorized to be charged to deposit account</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>41,394</u> Registration No.</p> <p><u></u> Signature</p> <p><u>December 19, 2008</u> Date</p> <p>Total number of pages including cover sheet, attachments and document: 4</p>	

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Application No.: 12/332,234
Filing Date: December 10, 2008

PATENT
Client Code: ASMGEN 023AUS
Page 1

ASSIGNMENT

WHEREAS, WE, Ki Jong Kim, a Republic of Korea citizen, residing at Gubongmaul APT 504-205, GwanJeo-dong, Seo-gu, Daejeon-si, Republic of Korea; and Dae Youn Kim, a Republic of Korea citizen, residing at Sunbimaul APT 209-1104, Songchon-dong, Daedog-gu, Daejeon-si, Republic of Korea, have invented certain new and useful improvements in a THIN FILM DEPOSITION APPARATUS AND METHOD THEREOF for which we caused to be filed an application for Letters Patent in the United States; and we hereby authorize and request the attorneys of Knobbe, Martens, Olson & Bear, LLP, Customer No. 20,995, to insert here in parentheses (Application Number 12/332,234, filed December 10, 2008) the filing date and application number of said application when known:

AND WHEREAS, ASM GENITECH KOREA LTD. (hereinafter "ASSIGNEE"), a Corporation, with its principal place of business at Sungkong-Kwan 1-dong, Chun-An Valley 514, Sameun-ri, Jiksan-eup, Cheonan-si, Chungcheongnam-do, 330-818, REPUBLIC OF KOREA, desires to acquire the entire right, title, and interest in and to said improvements and said Application:

NOW, THEREFORE, in return for good and valuable consideration, the receipt of which is hereby acknowledged, we, 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 said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and 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 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, its 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 said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to said ASSIGNEE, its 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

Application No.: 12/332,234
Filing Date: December 10, 2008

PATENT
Client Code: ASMGEN.029AUS
Page 2

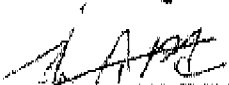
possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

WE hereby authorize the registrants of Knobbe, Martens, Olson & Bear, LLP, having a place of business at 2040 Main Street, 14th Floor, Irvine, California 92614, to fill in the application number and filing date of the Application in the header of this document after such information becomes available.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9th day of Dec, 2008.



Ki Jong Kim



Witness Signature

Kim, Soe-Hyun

Witness Name


Application No.: 12/332,234
Filing Date: December 10, 2008

PATENT
Client Code: ASMGEN-029AUS
Page 3

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9 day of
Dec, 2008.



Dae Youn Kim



Witness Signature

Kim, Soo-Hyun

Witness Name

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