## 506535037 03/03/2021 PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE:      | NEW ASSIGNMENT |                |
|-----------------------|----------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT     |                |
| CONVEYING PARTY DATA  | •              |                |
|                       | Name           | Execution Date |
| TAE HO YOON           |                | 07/23/2008     |
| HYUNG SANG PARK       |                | 07/23/2008     |
| YONG MIN YOO          |                | 07/23/2008     |

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| City:           | CHEONAN-SI, CHUNGCHEONGNAM-DO                                      |
| State/Country:  | KOREA, REPUBLIC OF   |
| Postal Code:    | 330-816  |

## **PROPERTY NUMBERS Total: 1**

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 16822390 |

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| ATTORNEY DOCKET NUMBER: | ASMGEN.024C1         |
|-------------------------|----------------------|
| NAME OF SUBMITTER:      | ANDREW N. MERICKEL   |
| SIGNATURE:              | /Andrew N. Merickel/ |
| DATE SIGNED:            | 03/03/2021           |

## **Total Attachments: 4**

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Application No.: 12/118,300 Filing Date: 119,23,2008 PATENT Client Code: ASMGEN.024AUS Page 1

#### ASSIGNMENT

WHEREAS, WE, Tae Ho Yoon, a Korean citizen, residing at 104-706 Juun chungsul APT, Jinsa-ri, Gongdo-eup, Anseong-si, Gyeonggi-do, Republic of Korea; Hyung Sang Park, a Korean citizen, residing at B 1805 Daerim Acroriver APT, Guel 3-dong, KwanJin-gu, Seoul-si, Republic of Korea; and Yong Min Yoo, a Korean citizen, residing Hyundai I-PARK 110-602, Buldang-dong, Cheonan-si, Chungcheongnam-do, Republic of Korea, have invented certain new and useful improvements in a METHOD OF DEPOSITING SILICON OXIDE FILMS 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 12,178,300), filed VY 23, 2000) 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, 330-816, 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, little, 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 possible to aid said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

### PATENT REEL: 055481 FRAME: 0703

| Application N | o.: 12 | 178,300  |       |
|---------------|--------|----------|-------|
| Filing Date:  | JULY   | 13, 2008 | ***** |

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PATENT Client Code: ASMGEN.024AUS Page 2

WE hereby authorize the registrants of Knobbe, Martens, Olson & Bear, LLP, having a place of business at 2040 Main Street, 14<sup>th</sup> 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 3 day of July \_\_\_\_\_ 2008

Tae Ho Yoon

JAPA Witness Signature

Kim. Sup - Hyun Witness Name

## PATENT REEL: 055481 FRAME: 0704

| Application No.: 12   178, 300<br>Filing Date: 100 23, 2008 | PATENT<br>Client Code: ASMGEN.024AUS<br>Page 3 |
|---|--|
| IN TESTIMONY WHEREOF, I hereunto se                         | partir i lite                                  |
|   | Hyung Sang Park                                |
|   | MAR  |
| •   | Militara Kimantura                             |

Witness Signature

Kim, <u>Sur-Hyun</u> Witness Name

## PATENT REEL: 055481 FRAME: 0705

| Application No.: 12 178, 300<br>Filing Date: JJW 23, 2008 | PATENT<br>Client Code: ASMGEN.024AUS<br>Page 4  |
|---|---|
| IN TESTIMONY WHEREOF, I hereunto                          | set my hand and seal this $\frac{23}{2}$ day of |
|   | Yong Min Yoo                                    |
|   | AA  |
|   | Witness Signature                               |
|   | the Country                                     |

<u>Sca – El yura</u> Witness Name

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**RECORDED: 03/03/2021**