

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
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	JAE WOOK CHOI	12/19/2017
	DONG JIN SUH	12/19/2017
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	JUNGHO JAE	12/19/2017
	JUNG KYU CHOI	12/19/2017
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<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15857541
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<b>DATE SIGNED:</b>	12/29/2017	

PATENT

**Total Attachments: 2**

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## ASSIGNMENT

WHEREAS WE, **GU, Sangseo** of 5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul, 02792, Republic of Korea; **HA, Jeong-Myeong** of 5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul, 02792, Republic of Korea; **CHOI, Jae Wook** of 5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul, 02792, Republic of Korea; **SUH, Dong Jin** of 5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul, 02792, Republic of Korea; **YOON, Young Hyun** of 5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul, 02792, Republic of Korea; **JAE, Jungho** of 5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul, 02792, Republic of Korea and **CHOI, Jung Kyu** of Department of Chemical and Biological Engineering, College of Engineering, Korea University, 145, Anam-ro, Seongbuk-gu, Seoul, 02841, Republic of Korea (hereinafter collectively referred to as the “**ASSIGNORS**”), have invented certain new and useful improvements in:

### **CATALYSTS SUPPORTED ON MODIFIED-CARRIER FOR OXIDATIVE COUPLING REACTION OF METHANE AND METHOD FOR OXIDATIVE COUPLING REACTION OF METHANE USING THE SAME**

(hereinafter referred to as the “**INVENTION**”) which claims priority to Korean Applications No. 10-2017-0155066, filed on 20 November, 2017 (hereinafter collectively referred to as the “**APPLICATIONS**”);

AND WHEREAS, **KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY** (hereinafter referred to as “**ASSIGNEE**”), a corporation organized and existing under the laws of the Country of **Republic of Korea**, having a place of business at **5, Hwarang-ro 14-gil, Seongbuk-gu, Seoul, 02792, Republic of Korea**, is desirous of acquiring an interest in any and all countries, in and to the **INVENTION**, the **APPLICATIONS**, and any and all Patents to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, the **ASSIGNORS**, have assigned and transferred, and hereby assign and transfer unto **ASSIGNEE**, the entire right, title and interest in and to the **INVENTION**, the **APPLICATIONS**, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to **ASSIGNEE**; and we do hereby agree that we will execute all papers necessary in connection with any and all patent applications when called upon to do so by **ASSIGNEE**, its successors or assigns, and that we will,

at the cost and expense of ASSIGNEE, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

The undersigned declare that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the APPLICATIONS or any Patents issuing thereon.

Date: 12/19/2017

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GU, Sangseo

Date: 12/19/2017

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CHOI Jung Kyu  
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