PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINYOUNG YI	01/09/2017
AASIM SHAHZAD	02/07/2017
WOOSIK KIM	01/10/2017
TAEKYUNG YU	01/10/2017

RECEIVING PARTY DATA

Name:	UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY	
Street Address:	GLOBAL CAMPUS, 1732, DEOGYEONG-DAERO	
Internal Address:	GIHEUNG-GU, YONGIN-SI,	
City:	GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	17104	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15428123

CORRESPONDENCE DATA

Fax Number: (512)334-2999

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Correspondent Name: STEVEN L HIGHLANDER - PARKER HIGHLANDER PLLC

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ATTORNEY DOCKET NUMBER:	HANO.P0012US	
NAME OF SUBMITTER:	STEVEN L. HIGHLANDER	
SIGNATURE:	/Steven L. Highlander/	
DATE SIGNED:	02/10/2017	

Total Attachments: 4

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PATENT REEL: 041228 FRAME: 0293 source=HANO.P0012US - OPA16208-US_Executed Assignment (00417822xCCC41)#page2.tif source=HANO.P0012US - OPA16208-US_Executed Assignment (00417822xCCC41)#page3.tif source=HANO.P0012US - OPA16208-US_Executed Assignment (00417822xCCC41)#page4.tif

PATENT REEL: 041228 FRAME: 0294

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to UNIVERSITY-INDUSTRY COOPERATION GROUP OF KYUNG HEE UNIVERSITY (the "Assignee"), having a place of business at Global Campus, 1732, Deogycong-daero, Giheung-gu, Yongin-si, Gyeonggi-do 17104, Republic of Korea, their entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been filed concurrently herewith and is entitled "HYBRID NANOSTRUCTURED PHOTOCATALYSTS AND PREPARATION THEREOF," which claims priority to Korean Application No.10-2016-0085714, filed July 6, 2016, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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USSN 15/428,123

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

The assignment of said invention is a shown below or (2) the filing date of the firs	effective as of the earlier of (1) the date of execution at filed of said patent applications.
Signature:	Date:
Namé: Taekyung YU	
$\underline{\mathbf{YU}}$, known to me to be the person whose	January, 2017 personally appeared Taekyung name is subscribed to the foregoing instrument and he same of his/her own free will for the purposes and
보이고 있는데 이 글로 보면 생각하는 말이 하여 있는데 보다. 	Wall-A
하게 되었다. 경기에 되었다. 그 사용 전쟁 (경기에 가장 보기 있다.) 그 사용 전 (경기에 가장 기업을 보기 되었다.) 기관 (경기 기업	Witness
KIM, known to me to be the person whose	Date: 0/10/20//, January 2017 personally appeared WooSik e name is subscribed to the foregoing instrument and the same of his/her own free will for the purposes and
	- 4 A W
	Witness
	그의 물건 병이 되고하면 수 명류 사용도 한 경이 하는 이 모든

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Signature: ACCASS d.	Date: 07/02/2017
BEFORE ME, on this \$\int Z\$ day of \$\frac{\text{SHABZAD}}{\text{RABZAD}}\$ known to me to be the per-instrument and acknowledged to me that be the purposes and consideration therein express.	February, 2017 personally appeared Assim son whose name is subscribed to the foregoing /she executed the same of his/her own free will for sed. **DR RIAZ QADSER HEAD CHIMISTRY DEVISION Witness
Signature: Name: Minyoung YI	Dave:
XI, known to me to be the person whose n	, 2017 personelly appeared Minyoung same is subscribed to the foregoing instrument and a same of his/her own free will for the purposes and
	Witness

PARKER HIGHLANDON PLAC 1136 S. Chind of New Highway Building Cong Lotte 200 Austin, TX 28746

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Signature:		Date:
Name: Aasim SHAHZAD		
BEFORE ME, on this day of SHAHZAD known to me to be the point instrument and acknowledged to me that be the purposes and consideration therein expression	xson whose e/she execut	2017 personally appeared Assimname is subscribed to the foregoing of the same of his/her own free will for
	Witness	
Signature: — \delta \delta \delta \delta		Date: <u>2017, 117, 119</u>
Name: Minyoung YT		
BEFORE ME, on this 09 day of	Jaugn	, 2017 personally appeared Minyoung
YI known to me to be the person whose acknowledged to me that he/she executed to consideration therein expressed.	name is sub	ecuped to the joickoing mainment are
	Witness	- 100 - 100

PARKER BIKHLANDER PLLC 1705 Capital of Texas Highway Building One, Suite 200 Austin, TX 78746

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RECORDED: 02/10/2017

PATENT REEL: 041228 FRAME: 0298