

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3995516

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JI CHAN PARK	04/26/2016
JUNG IL YANG	04/26/2016
HEON JUNG	04/26/2016
TAK HYOUNG LIM	04/26/2016
RECEIVING PARTY DATA	
Name:	KOREA INSTITUTE OF ENERGY RESEARCH
Street Address:	152, GAJEONG-RO, YUSEONG-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	34129
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15156741
CORRESPONDENCE DATA	
Fax Number:	(713)228-8778
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Email:	Futakata@oshaliang.com
Correspondent Name:	JEFFREY S. BERGMAN
Address Line 1:	909 FANNIN ST
Address Line 2:	SUITE 3500
Address Line 4:	HOUSTON, TEXAS 77010
ATTORNEY DOCKET NUMBER:	18069/007001
NAME OF SUBMITTER:	KUNIKO FUTAKATA
SIGNATURE:	/Jeffrey S. Bergman/
DATE SIGNED:	08/04/2016
Total Attachments: 3	
source=007001assignment#page1.tif	
source=007001assignment#page2.tif	
source=007001assignment#page3.tif	

DECLARATION AND ASSIGNMENT – U.S. RIGHTS ONLY

Whereas, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") has/have invented:

- ☒ The attached application to be filed as a United States application or PCT international application, or
☐ United States application or PCT international application number _____ filed on _____; and, entitled:

METHANE STEAM REFORMING, USING NICKEL/ALUMINA NANOCOMPOSITE CATALYST OR NICKEL/SILICA-ALUMINA HYBRID NANOCOMPOSITE CATALYST

Regarding that application, each of the INVENTOR(S) declares the following:

- The above-identified application was made or authorized to be made by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the INVENTOR(S) hereby assign, transfer, and set over to:

KOREA INSTITUTE OF ENERGY RESEARCH

having the following address:

152, Gajeong-ro, Yuseong-gu,
Daejeon 34129, Republic of Korea

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest for the United States of America (including without limitation its territories and possessions) in and to the invention described in the patent application identified above (referred to herein as INVENTION), together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all United States Letters Patent which may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents which may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts which may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;

OSHALIANG

Intellectual Property Law

3. To perform all lawful affirmative acts which may be necessary to obtain the grant of a valid and enforceable patent to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA • LIANG LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

<u>April, 26, 2016</u> Date	1 st Inventor Signature: <u>[Signature]</u> Print or Type Name: <u>Ji Chan PARK</u>
<u>April, 26, 2016</u> Date	2 nd Inventor Signature: <u>[Signature]</u> Print or Type Name: <u>Jung Il YANG</u>
<u>April 26, 2016</u> Date	3 rd Inventor Signature: <u>[Signature]</u> Print or Type Name: <u>Heon JUNG</u>
<u>April 26, 2016</u> Date	4 th Inventor Signature: <u>[Signature]</u> Print or Type Name: <u>Tak Hyoung LIM</u>

This Assignment may be signed before either:
(a) a Notary Public for one of the States of the United States, or (b) two witnesses who sign below:

NOTARY PUBLIC	State of _____		
	County of _____		
	Before me personally appeared:	<u>Ji Chan PARK</u> <small>1st Inventor</small>	<u>Jung Il YANG</u> <small>2nd Inventor</small>
		<u>Heon JUNG</u> <small>3rd Inventor</small>	<u>Tak Hyoung LIM</u> <small>4th Inventor</small>
	each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.		
	Dated: _____	Notary Public My commission expires: _____	

OSHALIANG

Intellectual Property Law

WITNESSES

April, 26, 2016

Date

Signature of Witness:

[Signature]

Print or Type Name:

Sasha King

April, 26, 2016

Date

Signature of Witness:

[Signature]

Print or Type Name:

Jinwook Kim