#### PATENT ASSIGNMENT

### Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Jong-San Chang	05/07/2010
Young Kyu Hwang	05/07/2010
Sung Hwa Jhung	05/07/2010
Do-Young Hong	05/07/2010
You-Kyung Seo	05/07/2010
Gerard Ferey	05/07/2010
Christian Serre	05/07/2010

#### **RECEIVING PARTY DATA**

Name:	KOREAN RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY		
Street Address:	100, Jang-dong, Yuseong-gu		
City:	Daejeon		
State/Country:	KOREA, REPUBLIC OF		
Postal Code:	305-343		

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12600997

#### **CORRESPONDENCE DATA**

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via US Mail.

Correspondent Name: Blakely, Sokoloff, Taylor & Zafman

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ATTORNEY DOCKET NUMBER: 03633.P003

REEL: 028776 FRAME: 0294

**PATENT** 

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# Total Attachments: 6 source=3633P003\_Assignment#page1.tif source=3633P003\_Assignment\_Ferey#page1.tif source=3633P003\_Assignment\_Ferey#page2.tif source=3633P003\_Assignment\_Ferey#page2.tif source=3633P003\_Assignment\_Ferey#page2.tif source=3633P003\_Assignment\_Serre#page1.tif source=3633P003\_Assignment\_Serre#page2.tif

PATENT REEL: 028776 FRAME: 0295

ASSIGNMENT OF PATENT APPLICATION	Attorney Docket No.: 03633.P003
For good and valuable consideration, the receipt and suffic	ciency of which is hereby acknowledged, I/we,
the undersigned,Jong-San Chang, Young Kyu Hwang, Sung	Hwa Jhung, Do-Young Hong,
You-Kyung Seo, Gerard Ferey, Christian Serre	1
hereby sell, assign, and transfer to KOREA RESEARCH INST	TTUTE OF CHEMICAL TECHNOLOGY
······································	
a corporation of the Republic of Korea having a principal place of Indepension 305-343, Republic of Korea, ("Assignee"), and its success entire right, title, and interest for the United States and all foreign of improvements that are disclosed in the application (provisional or which for the non-provisional application may have a declaration econcurrently herewith and which application (provisional or non-present).	ssors, assigns, and legal representatives, the countries, in and to any and all inventions or non-provisional) for the United States patent executed by the undersigned prior hereto or
PREPARATION OF SURFACE FUNCTIONALIZED POROUS OR	GANIC-INORGANIC HYBRID MATERIALS OR
MESOPOROUS MATERIALS WITH COORDINATIVELY UNSA	ATURATED METAL SITES AND CATALYTIC
APPLICATIONS THER	REOF
said patent application also identified as follows (when known):	
[I/we hereby authorize an attorney or agent for said Assig filing date of said patent application when known.]	nee to insert below the application number and
United States Patent Application Number <u>12/600,997</u> filed Nov	<u>vember 19, 2009</u> ,
and in and to said application (provisional or non-provisional) and applications, utility applications, design applications, divisional approsecution applications, continuation-in-part applications, substitutional applications, reexaminations, extensions, and all other patent applications of the states and all foreign countries on any of said inventions of patents, reissued patents, reexamination certificates, and extensional United States and all foreign countries on said inventions or improved in the filing of said United States application;	plications, continuation applications, continued ute applications, renewal applications, reissue plications that have been or shall be filed in the improvements; and in and to all original ons, that have been or shall be issued in the
agree that said Assignee may apply for and receive a pate improvements in its own name; and that, when requested, without Assignee, its successors, assigns, and legal representatives, to certain this Assignment, the undersigned will execute all provisional applications, design applications, divisional applications, continuation-in-part applications, substitute application reexaminations, extensions, and all other patent applications on a execute all rightful oaths, assignments, powers of attorney, and of successors, assigns, and representatives all facts known to the unimprovements and the history thereof; and generally assist said A representatives in securing and maintaining proper patent protect vesting title to said inventions or improvements, and all application or improvements, in said Assignee, its successors, assigns, and I	t charge to, but at the expense or, said arry out in good faith the intent and purpose of ications, non-provisional applications, utility ition applications, continued prosecution ons, renewal applications, reissue applications, any and all said inventions or improvements; ther papers; communicate to said Assignee, its indersigned relating to said inventions or assignee, its successors, assigns, or tion for said inventions or improvements and for ns for patents and all patents on said inventions legal representatives; and
covenant with said Assignee, its successors, assigns, and grant, mortgage, license, or other agreement affecting the rights a others by the undersigned, and that full right to convey the same undersigned.	and property herein conveyed has been made to

- 1 -

Rev. 1/08/2010

**PATENT** 

Each Inventor:	Please Sign and Date Below:					
May 7 Date	, 20_ 10_	Signature				
May ) Date	, 20 <u> / Ö</u>					
Moy 7 Date	, 20	0.3.1.4.6				
Moy 7	, 20 0	Sung Hwa Jhung Printed/Typed Name Signature Do-Young Hong				
May 1	, 20 <u>/</u> 0	Printed/Typed Name  Signature				
Date	, 20	You-Kyung Seo Printed/Typed Name Signature Gerard Ferey				
Date	, 20	Printed/Typed Name  Signature  Christian Serre  Printed/Typed Name				
		Assignment Document Return Address: BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP 1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300				

Rev. 1/08/2010

#### **ASSIGNMENT OF PATENT APPLICATION**

Attorney Docket No.: 03633.P003

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, \_Gerard Ferey, hereby sell, assign, and transfer to \_\_\_KOREA RESEARCH INSTITUTE OF \_CHEMICAL TECHNOLOGY

a corporation of the Republic of Korea having a principal place of business at 100, Jang-dong, Yuseong-gu. Daejeon 305-343, Republic of Korea, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

## PREPARATION OF SURFACE FUNCTIONALIZED POROUS ORGANIC-INORGANIC HYBRID MATERIALS OR MESOPOROUS MATERIALS WITH COORDINATIVELY UNSATURATED METAL SITES AND CATALYTIC APPLICATIONS THEREOF

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

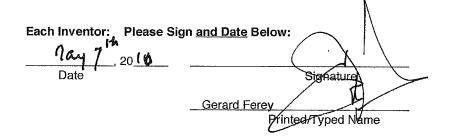
United States Patent Application Number \_\_\_12/600,997\_filed November 19, 2009,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
(408) 720-8300

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Rev 1/08/2010

<b>ASSIGNMENT</b>	OF	PAT	ENT	APPL	ICATION
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Attorney Docket No.: 03633.P003

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the undersigned, <u>Christian Serre</u>, hereby sell, assign, and transfer to <u>KOREA RESEARCH INSTITUTE OF</u>
<u>CHEMICAL TECHNOLOGY</u>

a corporation of the Republic of Korea having a principal place of business at 100, Jang-dong, Yuseong-gu, Daejeon 305-343, Republic of Korea, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which for the non-provisional application may have a declaration executed by the undersigned prior hereto or concurrently herewith and which application (provisional or non-provisional) is entitled

## PREPARATION OF SURFACE FUNCTIONALIZED POROUS ORGANIC-INORGANIC HYBRID MATERIALS OR MESOPOROUS MATERIALS WITH COORDINATIVELY UNSATURATED METAL SITES AND CATALYTIC APPLICATIONS THEREOF

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 12/600,997 filed November 19, 2009,

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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Rev. 1/08/2010

Each Inventor: Please Sign and Date Below:

7 th of may, 2010
Date

<u>Christian Serre</u> Printed/Typed Name

Assignment Document Return Address:
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
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