505192811 11/15/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONG SAN CHANG	05/15/2018
U HWANG LEE	05/15/2018
YOUNG KYU HWANG	05/15/2018
CHRISTIAN SERRE	03/02/2018
THOMAS DEVIC	02/27/2018
AMANDINE CADIAU	02/28/2018
NORBERT STOCK	05/14/2018
NELE REIMER	05/14/2018
MICHAEL T. WHARMBY	08/05/2018

RECEIVING PARTY DATA

Name:	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY
Street Address:	141, GAJEONG-RO, YUSEONG-GU
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	34114

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15575246

CORRESPONDENCE DATA

Fax Number: (512)536-4598

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.

Phone: 5124745201

Email: sharon.dunn@nortonrosefulbright.com

Correspondent Name: MICHAEL R KRAWZSENEK, NORTON ROSE FULBRIGHT US LLP

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Address Line 2: SUITE 1100

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ATTORNEY DOCKET NUMBER:	HANO.P0017US
NAME OF SUBMITTER:	MICHAEL R. KRAWZSENEK

505192811 PATENT REEL: 047516 FRAME: 0144

SIGNATURE:	/Michael R. Krawzsenek/		
DATE SIGNED:	11/15/2018		
Total Attachments: 7			
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PATENT REEL: 047516 FRAME: 0145

AND WHEREAS Korea Research Institute of Chemical Technology, having a place of business at 141, Gajeong-ro Yuseong-gu, Daejeon 34114, Republic of Korea ("ASSIGNEE"), is desirous of acquiring all right, title and interest in and to the Patent(s);

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, each ASSIGNOR does hereby:

IRREVOCABLY SELLS, ASSIGNS, AND TRANSFERS to the ASSIGNEE ASSIGNOR's entire right, title, and interest throughout the world in U.S. Patent Application No. 15/575,246, filed November 17, 2017, titled "ADSORBENTS COMPRISING ORGANIC-INORGANIC HYBRID NANOPOROUS MATERIALS FOR SORPTION OF WATER OR ALCOHOL AND USE THEREOF", including all information disclosed therein, such right, title, and interest including but not limited to the right to sue for injunctions and/or damages for any past, ongoing, and/or future infringement. For the avoidance of doubt, this sale, assignment, and transfer extends to all ASSIGNOR's right, title, and interest in all patents and applications (throughout the world) of any kind that claim priority to or otherwise issue from any of the Patent(s), including any and all divisional, continuation, continuation-in-part, continuing, extension, foreign, international, national phase, non-provisional, provisional, reexamination, reissue, renewal or substitute patents and/or patent applications;

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WAIVES any right it has to challenge the adequacy of the consideration; and

AGREES that this Agreement is binding on ASSIGNOR's heirs, assigns, representatives, and successors.

	Chance,	2 May 15,2	·18 672	May (C, 2018
	Name: Jong San GHANG	Date //	Name: U Hwang LEE	Date
	MAS	Mast. 2	Wg.	
2	Name: Young Kyu HWANG	Date	Name: Christian SERRE	Date
20	Name: Thomas DEVIC	Date	Name: Amandine CADIAU	Date
<1				
	Name: Norbert STOCK	Date	Name: Nele REIMER	Date
	Name: Michael T. WHARMI	3Y Date		
밁				
5	Name:	Date		
2	Title:	/ Korea Research Institute		
~ {}		of Chemical Technology		

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Name: Young Kyu H	WANG	Date	Name: Christian SERRE	Naud 2 mg 2018 Date
Name: Thomas DEV	C	Date	Name: Amandine CADIAU	Date
Name: Norbert STOC	Ж	Date	Name: Nele REIMER	Date
Name: Michael T. W	HARMBY	Date		
Name:		Date		
Title:		Research Institute		

1 of I

PATENT REEL: 047516 FRAME: 0147

AND WHEREAS Korea Research Institute of Chemical Technology, having a place of business at 141, Gajeong-ro Yuseong-gu, Daejeon 34114, Republic of Korea ("ASSIGNEE"), is desirous of acquiring all right, title and interest in and to the Patent(s);

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Name: Jong San CHA	ANG	Date	Name: U Hwang LEE	Date
Name: Young Kyu H	WANG	Date 27 Feb. 2016	Name: Christian SERRE	Date
Name: Thomas DEV	IC IC	Date	Name: Amandine CADIAU	Date
Name: Norbert STO	CK.	Date	Name: Nele REIMER	Date
Name: Michael T. W	HARMBY	Date		
Name:		Date		
Title:		Research Institute mical Technology		

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Title:		Research Institute		

1 of 1

PATENT REEL: 047516 FRAME: 0149

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