506176101 07/28/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUNHWAN HWANG	08/12/2019
KYONG YONG CHA	08/12/2019
DONG HYUN KO	08/12/2019
YE SEUL HWANG	08/12/2019
JUN KYU HAN	08/12/2019
SANG JIN HAN	08/12/2019
SEONGMIN KIM	08/12/2019

RECEIVING PARTY DATA

Name:	LG CHEM, LTD.
Street Address:	128, YEOUI-DAERO
Internal Address:	YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16965586

CORRESPONDENCE DATA

Fax Number: (619)595-8135

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: 6195958032

Email: mlaip@dentons.com

Correspondent Name: RENZO N. ROCCHEGIANI

Address Line 1: DENTONS US LLP

Address Line 2: 4655 EXECUTIVE DRIVE, SUITE 700
Address Line 4: SAN DIEGO, CALIFORNIA 92121

ATTORNEY DOCKET NUMBER: 29137.03204.US00

NAME OF SUBMITTER: RENZO N. ROCCHEGIANI

SIGNATURE: /Renzo N. Rocchegiani/

506176101 PATENT REEL: 053333 FRAME: 0843

DATE SIGNED:	07/28/2020		
This document serves as an Oath/Declaration (37 CFR 1.63).			
Total Attachments: 2			
source=CPO2019-0212US_Declaration and Assignment#page1.tif			
source=CPO2019-0212US_Declaration and Assignment#page2.tif			

PATENT REEL: 053333 FRAME: 0844

	ATION AND ASSIGNMENT FOR Y OR DESIGN APPLICATION	Attorney Docket Number: P2017-3991PCUS	
Title of Inven	ion: METHOD FOR PRODUCING COMPLEX CATALYST PRO	METAL COMPLEX CATALYST, AND METAL DUCED BY SAME	
As the	below-named inventor(s) (hereinafter designa	ted as the undersigned), I/We hereby declare that:	
This de	claration is directed to:		
	☐ The attached application, or		
⊠	United States application or PCT international application number PCT/KR2019/004251, filed on April 10, 2019		

The above-identified application was made or authorized to be made by me/us.

I/We believe that I am/We are the original inventor or an original joint inventor of a claimed invention in the application.

I/We 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.

Whereas, the undersigned as a sole inventor (if only one name is listed below) or as a joint inventor (if plural names are listed below) has invented certain new and useful improvements in the application identified above.

And, whereas LG CHEM, LTD., ("assignee"), a corporation of Korea whose mailing address is 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea, is desirous of acquiring the entire right, title, and interest in the same.

Now, in consideration of the sum of five dollars, and for other good and valuable consideration, the receipt whereof is hereby acknowledged, I/We, by these presents hereby agree to seil, assign, and transfer unto assignee, and assignee's heirs, successors, and assigns, the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all provisional, non-provisional, divisional, continuation, continuation-in-part, substitute, and reissue applications, and all Letters Patent, extensions, reissues, and reexamination certificates which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries.

I/We hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to assignee as the assignee of my/our entire right, title, and interest in and to the same, for the sole use and behalf of assignee, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me/us had this Assignment and sale not been made.

Further, I/We agree that I/We will communicate to said assignee or its (his) representatives any facts known to me/us respecting said invention, and perform all affirmative acts which may be necessary in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to assignee, make all rightful oaths, and, generally do everything possible to aid assignee, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Dentons US LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 8.12.2019 Hwang Sunhwan
Name HWANG, Sunhwan (Signature of Inventor) 2. Date: 8. 12. 2019 Cha Kyong Yong (Signature of Inventor) 3. Date: Aug. [2, 20]9 Doughyun Ko
Name KO, Dong Hyun (Signature of Inventor) Date: 8.12.2019 Hwany Yeseul
Name HWANG, Ye Seul (Signature of Inventor) 5. Date: 8.12.2019 Han Junkyu (Signature of Inventor) 6. Date: 8.12. 2019 You Sangjin
Name HAN, Sang Jin (Signature of Inventor)

7. Date: 8.12.2019 Kim Stongmin.

Name KIM, Scongmin (Signature of Inventor)

RECORDED: 07/28/2020