505998017 04/02/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6044727

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUN KYU KIM	03/31/2020
SUNG KYU LEE	03/31/2020
HYOUNG JUN	03/31/2020
CHAN HYU JIN	03/31/2020
JEONG JU MOON	03/31/2020
JOO HO KIM	03/31/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16838816

CORRESPONDENCE DATA

Fax Number: (202)496-7756

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: 202-496-7500 Email: mlaip@dentons.com **DENTONS US LLP Correspondent Name:** Address Line 1: 1900 K. STREET, N.W. Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	29137.03181.US00
NAME OF SUBMITTER:	SONG K. JUNG
SIGNATURE:	/Song K. Jung/
DATE SIGNED:	04/02/2020

Total Attachments: 2

PATENT REEL: 052300 FRAME: 0564

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PATENT REEL: 052300 FRAME: 0565

Assignment of Application

WHEREAS, I (WI	KIM, Hyun Kyu; LEE, Sung Kyu; JUN, Hyoung; JIN, Chan Hyu; MOON, Jeong Ju; KIM, Joo Ho	
_		, respectively,
have invented cert	ain new and useful improvements	in:
		TION PRODUCT OF ESTERIFICATION
for which an application for Letters Patent was executed on		
7.4 11 11 NT	··· I D	
(Application No.	, F:	iled), and
WHEREAS,	LG CHEM, LTD.	
,	ed to as "ASSIGNEE") having a p -daero, Yeongdeungpo-gu, Seou	

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), and for other good and valuable consideration, the receipt whereof is hereby acknowledged, I (WE), by these presents hereby agree to sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S heirs, successors, and assigns, the full and exclusive right to the 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 said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said 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 said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said

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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:	March 31, 2020	(Signature of Inventor) KIM, Hyun Kyu
Date:	March 31, 2020	(Signature of Inventor) LEE, Sung Kyu
Date:	March 31, 2020	Zd Zd (Signature of Inventor)
Date:	March 31, 2020	JUN, Hyoung 7 2 2 3 (Signature of Inventor)
Date:	March 31, 2020	Signature of Inventor)
Date:	March 31, 2020	MOON, Jeong Ju 7
Date:		(Signature of Inventor)

Dentons US LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

2019-OPLC-3144/US