505223088 12/06/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEUL KI KIM	11/22/2018
EUN JUNG LEE	11/22/2018
CHOONG HOON LEE	11/22/2018
KI WON HAN	11/22/2018
JAE KWON JANG	11/22/2018
HYO JUNG HAN	11/22/2018
IN SUNG PARK	11/22/2018

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:	16307319

CORRESPONDENCE DATA

Fax Number: (908)654-7866

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: (908) 654-5000

Email: assignment@lernerdavid.com

Correspondent Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	LGCHEM 3.3F-1624
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/

PATENT 505223088 REEL: 047693 FRAME: 0815

DATE SIGNED:	12/06/2018	
Total Attachments: 6		
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PATENT REEL: 047693 FRAME: 0816

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

The attached U.S. non-provisional patent application, or

TITLE: OLEFIN-BASED COPOLYMER AND PROCESS FOR PREPARING SAME

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

Section I. Declaration

This declaration is directed to:

	U.S. non-provisional patent application number, or	, filed on
	PCT international patent application number PCT/KR2017/18,2017 .	010160, filed on September
The above-id	entified application was made or authorized to be made by r	ne (us).
	e that I am (we are) the original inventor (original joint invent entified application.	ors) of a claimed invention in
(we) hereb	y acknowledge that any willful false statement made in t	his declaration is punishable
This form re	quires the use of an Application Data Sheet.	

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under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

LG CHEM, LTD.

having an address at 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea (hereinafter designated as the Assignee(s)), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee(s), and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee(s) and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee(s) to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of

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the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee(s) without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee(s), and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee(s).

The undersigned hereby grant(s) the law firm of LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

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Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF	Full Name		
FIRST INVENTOR/ASSIGNOR	Seul Ki KIM		
SIGNATURE		DATE .	Nov. 22, 2018
LEGAL NAME OF SECOND	Full Name		
INVENTOR/ASSIGNOR	Eun Jung LEE		
SIGNATURE	0(=276	DATE	Nov. 22, 2018
LEGAL NAME OF	Full Name		
THIRD INVENTOR/ASSIGNOR	Choong Hoon LEE		
SIGNATURE	Mee	DATE	Nov. 22, 2018

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LEGAL NAME OF	Full Name		
FOURTH	Ki Won HAN		
INVENTOR/ASSIGNOR			
SIGNATURE /	DATE Nov. 22, 2018		
LEGAL NAME OF	Full Name		
FIFTH INVENTOR/ASSIGNOR	Jae Kwon JANG		
SIGNATURE C	LM DATE Nov. 22, 2018		
LEGAL NAME OF	Full Name		
INVENTOR/ASSIGNOR	Hyo Jung HAN		
SIGNATURE	Han DATE Nov. 22, 2018		

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LEGAL NAME OF SEVENTH	Full Name In Sung PARK	
INVENTOR/ASSIGNOR		
SIGNATURE	Ulv-	DATE Nov. 22, 2018

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