504307834 04/05/2017

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEUNG-YUP LEE	12/02/2016
JI-WON JEONG	12/02/2016
HYE-WON JEONG	12/02/2016
KYOUNG-HOON KIM	12/02/2016

RECEIVING PARTY DATA

Name:	LG CHEM, LTD.	
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City:	SEOUL	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15515899

CORRESPONDENCE DATA

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NAME OF SUBMITTER: MELINDA C. CORMIER

SIGNATURE: /Melinda C. Cormier/

DATE SIGNED: 04/05/2017

Total Attachments: 2

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PATENT 504307834 REEL: 041861 FRAME: 0236

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PATENT REEL: 041861 FRAME: 0237

	ON AND ASSIGNMENT FOR DESIGN APPLICATIONS	Attorney Docket Number:		
Title of Invention	METHOD FOR EVALUATI USING SAME	NG IDENTITY OF POLYMERS AND SYSTEM		
As the below This declarated to	ition	nated as the undersigned), I/We hereby declare that:		
V United States application or PCT international application number PCT/KR2015/013409 filed on December 8, 2015				
The above-identified application was made or authorized to be made by me/us. IWe believe that I am the original inventor or an original joint inventor of a claimed invention in the application. IWe 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., (hereinafter referred to as assignee), a corporation of Korea whose mailing address is 128, Yeoui-daero; Yeongdeungpo-gu, Seoul; REPUBLIC OF KOREA 150-721 is desirous of acquiring the entire right, title and interest in the same. NOW, THEREFORE, in consideration of the sum of one dollar, the receipt wherof is acknowledged, and other good and valuable consideration, the undersigned hereby sell(s), assign(s) and set(s) over to said assignee my/our entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention daiming priority or benefit of the aforesaid utility application pursuant to any leave or treaty, and including all claims for damages by reason of past infringement with the right to use for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as				
	E OF INVENTOR(S)			
Invento <i>r</i> one Signature:	E LEE, Seung-Yup	Date: <u>December</u> 2, 2016		
	nal inventors or a legal representative are b	eing named on1 additional form(s) attached hereto.		

PLEASE SEE THE WARNINGS ON THE LAST PAGE OF THIS FORM.

SUPPLEMENTAL SHEET

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATIONS	ADDITIONAL INVENTOR(S) Supplemental Sheet			
Inventor two: <u>JEONG, Ji-Won</u> Signature: <u>/42174</u>	Date: December 2, 2016			
Inventor three; <u>JEONG, Hye-Won</u> Signeture; <u>ずかえ</u>	Date: <u>December 2. 2016</u>			
Inventor four: <u>KIM, Kyoung-Hoon</u> Signature: <u>引 オ ま</u>	Dale: December, 2, 2016			
WARNING: According to 37 C.F.R. 1.63 (c), "[a] person may not execute an oath or declaration unless the person has reviewed and understands the contents of the application, including the claims and is aware of the duty to disclose to the Office all information known to be material to patentability as defined in 1.58." Patitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a polition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization torms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.				