11/01/2021 506952897

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6999735

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
JUNG SU HAN	08/26/2021
WON SANG KWON	08/26/2021
JUNG EUN KIM	08/26/2021
SEUNG UK YEU	08/26/2021
DO YOUNG HA	08/26/2021

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17607652	

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NAME OF SUBMITTER:	KATHLEEN REYNOLDS
SIGNATURE: /Kathleen Reynolds/	
DATE SIGNED: 11/01/2021	

Total Attachments: 2

PATENT REEL: 057981 FRAME: 0248

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PATENT REEL: 057981 FRAME: 0249

DECLARATION AND ASSIGNMENT FOR

UTILITY OF	R DESIGN APPLICATIONS	Attorney Docket Nu	mber: LGCHEM 3.3F-3445	
Title of Invention	CARBOXYLIC ACID MODIFIED-NITE	RILE BASED COPOLYM	ER LATEX	
As the below named inventor(s) (hereinafter designated as the undersigned), I/We hereby declare that: This declaration is directed to: The attached application, or X United States application or PCT international application number PCT/KR2021/001629 filed on February 8, 2021				
	ed application was made or authorized t	-		
	am the original inventor or an original jo		•	
	owledge that any willful false statement i iment of not more than five (5) years, or		punishable under 18 U.S.C. 1001	
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, Yeoul-daero; Yeongdeungpo-gu; Seoul; REPUBLIC OF KOREA 07336 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 claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue 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 assignee of the entire interest therein; and the undersigned for me/us and my/our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the e				
contents of the appli	.R. § 1.63(c), "[a] person may not execute a		the person has reviewed and understands the Office all information known to the person to be	
FULL NAMI	E OF INVENTOR(S)			
Inventor on	e: HAN, Jung Su	Date: _	August 26, 2021	
Signature:				
XAdditio	nal inventors or a legal representative are b	eing named on 1	additional form(s) attached hereto.	

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

RECORDED: 11/01/2021

DECLARATION AND ASSIGNMENT FOR UTILITY ADDITIONAL INVENTOR(S) OR DESIGN APPLICATIONS Supplemental Sheet Date: August 26, 2021 Inventor two: KWON, Won Sang Signature: ___ KIM, Jung Eun Date: August 26, 2021 Inventor three: Signature: YEU, Seung Uk Date: August 26, 2021 Inventor four: Signature: Inventor five: HA, Do Young Date: August 26, 2021 Signature: 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 the person to be material to patentability as defined in §1.56."

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity 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 petition 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) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

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