504229011 02/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4275688

		NEW ASSIGNMENT			
NATURE OF CONVEYAN	ICE:	ASSIGNMENT			
CONVEYING PARTY DA	ATA				
		Name	Execution Date		
WON HEE KIM			02/03/2017		
HYO JIN BAE			02/03/2017		
KYOUNG HWAN OH			02/03/2017		
WOO JIN CHO			02/03/2017		
JEONG HEON AHN			02/03/2017		
RECEIVING PARTY DA	ТА				
Name:	LG CH	EM, 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			
Property Type					
		15503548			
Application Number:					
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be	ATA	(908)654-7866 • the e-mail address first; if that is unsu			
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Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provideo	(908)654-7866 b the e-mail address first; if that is unsu i; if that is unsuccessful, it will be sent (908) 518-6320 assignment@lernerdavid.com LERNER, DAVID, LITTENBERG, KRUMH 600 SOUTH AVENUE WEST	via US Mail.		
Application Number: CORRESPONDENCE DA Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	ATA e sent to provideo	(908)654-7866 b the e-mail address first; if that is unsull ; if that is unsuccessful, it will be sent (908) 518-6320 assignment@lernerdavid.com LERNER, DAVID, LITTENBERG, KRUMH 600 SOUTH AVENUE WEST WESTFIELD, NEW JERSEY 07090	via US Mail.		
Application Number: CORRESPONDENCE DA Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to provideo	(908)654-7866 o the e-mail address first; if that is unsull ; if that is unsuccessful, it will be sent (908) 518-6320 assignment@lernerdavid.com LERNER, DAVID, LITTENBERG, KRUMH 600 SOUTH AVENUE WEST WESTFIELD, NEW JERSEY 07090 LGCHEM 3.3F-954	via US Mail.		

Total Attachments: 2

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PATENT REEL: 041261 FRAME: 0543

Fitle of Invention As the below named This declaration is directed to:		ARING CONJUGATED DIENI	F-BASED POLYMER				
This declaration	Received Anna Anna Anna Anna Anna Anna Anna Ann		METHOD FOR PREPARING CONJUGATED DIENE-BASED POLYMER				
	mvemor(s) (nereinaiter des	ignated as the undersigned),	I/We hereby declare that:				
	e attached application, or ited States application or Pt n	CT international application nu	umber				
The above-identified applic	ation was made or authorized	d to be made by me/us.					
/We believe that I am the o	riginal inventor or an original	joint inventor of a claimed inve	ention in the application.				
	hat any willful false statemen iot more than five (5) years, i		unishable under 18 U.S.C. 1001				
WHEREAS, the undersign isted below) has invented	ed as a sole inventor (If only certain new and useful impr	one name is listed below) or ovements in the application ic	as a joint inventor (if plural names are tentified above.				
			tion of Korea whose mailing address is is of acquiring the entire right, title and				
valuable consideration, the and interest for the United application and all original, therefor in the United State and patents for said invent including all claims for dam and the use of its success the Commissioner of Pater or resulting therefrom to sa my/our legal representative deliver all original, division assignments thereof to sail to the undersigned respect proceedings in which any of caths, and to do generally protection for said improve assignee.	undersigned hereby sell(s) States of America and all ot divisional, continuation, sub s of America and all other of con claiming priority or bene lages by reason of past infri ors, assigns and legal repres this and Trademarks is hereb id assignee herein, as assig as, heirs and assigns do her al, continuation, reissue and d assignee or its assigns, to ing said improvements, whe of said applications or paten everything necessary to aid ments in all countries, the e	, assign(s) and set(s) over to the countries in and to said in battitute or reissue applications countries, for said invention, in fit of the aforesaid utility appli- ngement with the right to sue sentatives, and including the right and requested to authorized and requested to a authorized and requested to a sentatives, and including the right applications for Letters communicate to said assignee anever requested, to testify in ts may become involved, to si assignee, its successors, assignees incident to said appli	acknowledged, and other good and said assignee my/our entire right, title wention and the aforesaid utility patent s and patents applied for or granted icluding without limitation all application cation pursuant to any law or treaty, an for and collect the same for its own usi- ight to claim such priority or benefit and to issue all patents on said improvement rein; and the undersigned for me/us and cut further remuneration, to execute an i. Patent on said improvements and all ae or its representatives all facts known any interferences or other legal ign all lawful papers, make all rightful signs and nominees to obtain patent ications to be borne and paid by said				
known.		s deed the filing date and ap:	plication number of said application whe				
FULL NAME OF IN							
Inventor one: <u>K</u>	IM, Won Hee	Date:	February 3, 2017				
Signature:	yma_						
(and a second	niors or a legal representative a	· · · · · · · · · · · · · · · · · · ·	additional form(s) attached hereto.				

Page 1 of 2

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REEL: 041261 FRAME: 0544

SUPPLEMENTAL SHEET

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATIONS	ADDITIONAL INVENTOR(S) Supplemental Sheet					
Inventor two:BAE, Hyo Jin	_ Date:	February 3, 2017				
Signature:						
Inventor three: OH, Kyoung Hwan	_ Date:	February 3, 2017				
Signature:						
	Date:	February 3, 2017				
Signature: <u>포 역전</u>						
Inventor five: <u>AHN, Jeong Heon</u>	_ Date:	February 3, 2017				
Signature: のと みれ						
Inventor six:	Date:					
Signature:						
Inventor seven:	Date:					
Signature:						
Inventor eight:	Date:					
Signature:						
Inventor nine:						
Signature:						
Inventor ten:	_ Date:					
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 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.						

2014-OPLC-7000PC/US



RECORDED: 02/15/2017