

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5422626

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YOUNG HUN KIM	02/22/2019
JE KYUN LEE	02/22/2019
HAE JIN HWANG	02/22/2019
KYOUNG JIN LEE	02/22/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LG CHEM, LTD.
<b>Street Address:</b>	128, YEOUNI-DAERO, YEONGDEUNGPO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	07336
<b>Name:</b>	INHA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION
<b>Street Address:</b>	INHA UNIVERSITY 100, INHA-RO, NAM-GU
<b>City:</b>	INCHEON
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	22212
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16333523
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)496-7756
<i>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.</i>	
<b>Phone:</b>	202-496-7500
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<b>Correspondent Name:</b>	DENTONS US LLP
<b>Address Line 1:</b>	1900 K. STREET, N.W.
<b>Address Line 4:</b>	WASHINGTON, D.C. 20006
<b>ATTORNEY DOCKET NUMBER:</b>	29137.02757.US00
<b>NAME OF SUBMITTER:</b>	SONG K. JUNG

<b>SIGNATURE:</b>	/Song K. Jung#35,210/
<b>DATE SIGNED:</b>	03/14/2019
<b>Total Attachments: 5</b> source=2913702757US00ASS#page1.tif source=2913702757US00ASS#page2.tif source=2913702757US00ASS#page3.tif source=2913702757US00ASS#page4.tif source=2913702757US00ASS#page5.tif	

# Assignment of Application

WHEREAS, I (WE)	<b>KIM, Young Hun; LEE, Je Kyun; HWANG, Hae Jin; LEE, Kyoung Jin</b>
, respectively,	
have invented certain new and useful improvements in:	
<b>SILICON CARBIDE POWDER AND METHOD OF PREPARING THE SAME USING A HYDROPHOBIC SPHERICAL SILICA AEROGEL</b>	
for which an application for Letters Patent was executed on	

(Application No. _____	, Filed _____	), and
WHEREAS, <b>LG CHEM, LTD.</b>	(hereinafter referred to as "ASSIGNEE") having a place of business at: <b>128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea</b>	
And,		
WHEREAS, <b>INHA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION</b>	(hereinafter referred to as "ASSIGNEE") having a place of business at: <b>Inha University 100, Inha-ro, Nam-gu, Incheon 22212, Republic of Korea</b>	

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;

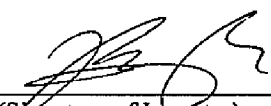
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), and for other good and valuable consideration, the receipt whereof is hereby acknowledged, I (WE), by these presents hereby agree to sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S heirs, successors, and assigns, the full 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.

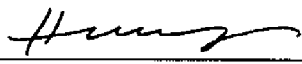
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his)

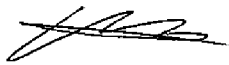
representatives any facts known to me (us) respecting said invention, and perform all affirmative acts which may be necessary in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to 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 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: February 22, 2019   
(Signature of Inventor)  
***KIM, Young Hun***

Date: \_\_\_\_\_  
(Signature of Inventor)  
***LEE, Je Kyun***

Date: February 22, 2019   
(Signature of Inventor)  
***HWANG, Hae Jin***

Date: February 22, 2019   
(Signature of Inventor)  
***LEE, Kyoung Jin***

Date: \_\_\_\_\_  
(Signature of Inventor)

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

2017-OPLC-9745PC/US



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**SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY  
OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)**

<b>Title of Invention</b>	SILICON CARBIDE POWDER AND METHOD OF PREPARING THE SAME		
This statement is directed to:			
<input checked="" type="checkbox"/> The attached application, OR <input type="checkbox"/> United States application or PCT international application number _____ filed on _____.			
<b>LEGAL NAME of inventor to whom this substitute statement applies:</b>			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) <b>LEE, Je Kyun</b>			
Residence (except for a deceased or legally incapacitated inventor):			
Daejeon City	State	Country	Republic of Korea
Mailing Address (except for a deceased or legally incapacitated inventor):			
LG Chem Research Park, 188, Munji-ro, Yuseong-gu			
Daejeon City	State	Zip 34122	Country Republic of Korea
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.			
The above-identified application was made or authorized to be made by me.			
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
Relationship to the inventor to whom this substitute statement applies:			
<input type="checkbox"/> Legal Representative (for deceased or legally incapacitated inventor only),			
<input type="checkbox"/> Assignee,			
<input checked="" type="checkbox"/> Person to whom the inventor is under an obligation to assign,			
<input type="checkbox"/> Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or			
<input type="checkbox"/> Joint Inventor.			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## SUBSTITUTE STATEMENT

Circumstances permitting execution of this substitute statement:

- Inventor is deceased,
- Inventor is under legal incapacity,
- Inventor cannot be found or reached after diligent effort, or
- Inventor has refused to execute the oath or declaration under 37 CFR 1.63.

If there are joint inventors, please check the appropriate box below:

- An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.

OR

- An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).

### WARNING:

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.

### PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

Name: <b>Soo Hee Jung</b>	Date (Optional):
---------------------------	------------------

Signature: 

### APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:

If the applicant is a juristic entity, list the applicant name and the title of the signer:

Applicant Name: **LG CHEM, LTD.**

Title of Person Executing This Substitute Statement: **General Manager of IP Department**

The signer, whose title is supplied above, is authorized to act on behalf of the applicant.

### Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):

City <b>Daejeon</b>	State	Country <b>Korea</b>
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### Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)

**LG CHEM Research Park, 188, Munji-ro, Yuseong-gu, Daejeon**

City <b>Daejeon</b>	State	Zip <b>07336</b>	Country <b>Korea</b>
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Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.

bkl

특허법인 태평양 | BAE, KIM & LEE IP Group  
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반송

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친전문서

구분	담당	대천유선등록번호	AM770
전화		전화번호	02-6228-6231-3
매월	1	일지	8-24
달	2		01A
일	3		
보급기간		권	원개지
발송일	2018	년	8월
			24일

대전광역시 유성구 가정로 299  
101동 302호

이재균 님 귀하

우) 34112

( 반지씨 인감이란은 함 )

