

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JI HYE SHIN	07/20/2020
TAE EON PARK	07/20/2020
SU JIN KIM	07/20/2020
KI HWAN KIM	07/20/2020
IL HA LEE	07/20/2020
JUN YOUNG LEE	07/20/2020
RECEIVING PARTY DATA	
Name:	LG CHEM, LTD.
Street Address:	128, YEOUNI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17047830
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	2024967500
Email:	mlaip@dentons.com
Correspondent Name:	DENTONS US LLP
Address Line 1:	1900 K STREET, NW
Address Line 4:	WASHINGTON, D.C. 20006
ATTORNEY DOCKET NUMBER:	29137.03266.US00
NAME OF SUBMITTER:	SCOTT W. CUMMINGS
SIGNATURE:	/Scott W. Cummings/
DATE SIGNED:	10/15/2020
Total Attachments: 6	

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Assignment of Application

WHEREAS, I (WE)	SHIN, Ji Hye; PARK, Tae Eon; KIM, Su Jin; KIM, Ki Hwan; LEE, Il Ha; LEE, Jun Young		
			, respectively,
have invented certain new and useful improvements in:			
CARBON FIBER CARBONIZATION APPARATUS USING MICROWAVE			
for which an application for Letters Patent was executed on			

(Application No.	17/047,830	, Filed	October 15, 2020), and
WHEREAS,	LG CHEM, LTD.			
(hereinafter referred to as “ASSIGNEE”) having a place of business at: 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea				

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: 7/20/2020 Shin Ji Hye
(Signature of Inventor)
SHIN, Ji Hye

Date: _____
(Signature of Inventor)
PARK, Tae Eon

Date: 7/20/2020 Su Jin Kim
(Signature of Inventor)
KIM, Su Jin

Date: 7/20/2020 Ki Hwan Kim
(Signature of Inventor)
KIM, Ki Hwan

Date: 7/20/2020 Lee Il Ha
(Signature of Inventor)
LEE, Il Ha

Date: _____
(Signature of Inventor)
LEE, Jun Young

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

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Date: _____
(Signature of Inventor)
SHIN, Ji Hye

Date: July 20, 2020
(Signature of Inventor)
PARK, Tae Eon

Date: _____
(Signature of Inventor)
KIM, Su Jin

Date: _____
(Signature of Inventor)
KIM, Ki Hwan

Date: _____
(Signature of Inventor)
LEE, Il Ha

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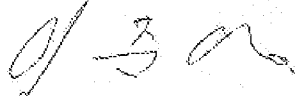
Date: _____
(Signature of Inventor)
SHIN, Ji Hye

Date: _____
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PARK, Tae Eon

Date: _____
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KIM, Su Jin

Date: _____
(Signature of Inventor)
KIM, Ki Hwan

Date: _____
(Signature of Inventor)
LEE, Il Ha

Date: 7/10/2020 
(Signature of Inventor)
LEE, Jun Young

Dentons US LLP
Attorneys At Law
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Washington, D.C. 20006