505975117 03/19/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IKJIN CHOI	01/29/2020
SOON JAE KWON	01/29/2020
INGYU KIM	01/29/2020
HYOUNSOO UH	01/29/2020

RECEIVING PARTY DATA

Name:	LG CHEM, 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	
Application Number:	16648495	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	LGCHEM 3.3F-2511	
NAME OF SUBMITTER:	MELINDA C. CORMIER	
SIGNATURE:	/Melinda C. Cormier/	
DATE SIGNED:	03/19/2020	

Total Attachments: 5

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PATENT REEL: 052164 FRAME: 0869

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PATENT REEL: 052164 FRAME: 0870

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

The attached U.S. non-provisional patent application, or

TITLE: METHOD OF PREPARING MAGNETIC POWDER, AND MAGNETIC POWDER

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

Section I. Declaration

This declaration is directed to:

	U.S. non-provisional patent application number	, filed on
	, or	
	PCT international patent application number <u>PCT/KR2019/01037</u> 2019.	7, filed on <u>August 14,</u>
The above	-identified application was made or authorized to be made by me (us)	
* :	eve that I am (we are) the original inventor (original joint inventors) of identified application.	a claimed invention in
(we) her	eby acknowledge that any willful false statement made in this dec	claration is punishable
. This form	requires the use of an Application Data Sheet.	

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
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LG CHEM Ref No. P2018-1266PCUS (Portfolio: Magnetic material)

PATENT ***LGChem***
REEL: 052164 FRAME: **0871

Attorney Ref No. LGCHEM 3.3F-2511

under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

LG CHEM, LTD.

having an address at 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea (hereinafter designated as the Assignee(s)), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee(s), and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee(s) and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications daiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee(s) to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

LG CHEM Ref No. P2018-1266PCUS (Portfolio: Magnetic material) Attorney Ref No. LGCHEM 3.3P-2511

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
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Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee(s) without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee(s), and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee(s).

The undersigned hereby grant(s) the law firm of LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

LG CHEM Ref No. P2018-1266PCUS (Portfolio: Magnetic material)

Attorney Ref No. LGCHEM 3.3F-2511

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Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF	Full Name Ikjin CHOI	
FIRST INVENTOR/ASSIGNOR		
SIGNATURE	DAT	E 2020, 01 29.

LEGAL NAME OF SECOND	Full Name Soon Jae KWON	
INVENTOR/ASSIGNOR		
SIGNATURE _	Hum	DATE <u>2020, 01. 29</u>

LEGAL NAME OF		Fuli Name
THIRD INVENTOR/ASSIGNOR		ingyu KiM
SIGNATURE	<u> </u>	DATE 2030, 01, 29

LG CHEM Ref No. P2018-1266PCUS (Portfolio: Magnetic material)

Attorney Ref No. LGCHEM 3.3F-2511

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	LEGAL NAME OF	Full Name	
FOURTH INVENTOR/ASSIGNOR		Hyounsoo UH	
	SIGNATURE	Man 16 Mh	DATE <u>Ja 29</u> , 2020

LG CHEM Ref No. P2018-1266PCUS (Portfolio: Magnetic material)

RECORDED: 03/19/2020

Attorney Ref No. LGCHEM 3.3F-2511

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