

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5790777

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YOUNG-EUN CHEON	10/10/2019
SEON-JU LIM	10/10/2019
TAE-JIN KIM	10/10/2019
CHANG-Q LEE	10/10/2019
RECEIVING PARTY DATA	
Name:	SK INNOVATION CO., LTD.
Street Address:	26, JONG-RO, JONGNO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	03188
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16608997
CORRESPONDENCE DATA	
Fax Number:	(412)471-4094
<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:	(412)471-8815
Email:	assignments@webblaw.com
Correspondent Name:	THE WEBB LAW FIRM
Address Line 1:	ONE GATEWAY CENTER
Address Line 2:	420 FT. DUQUESNE BLVD., SUITE 1200
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15222
ATTORNEY DOCKET NUMBER:	1455-1907734
NAME OF SUBMITTER:	RICHARD L. BYRNE, REG. NO. 28,498
SIGNATURE:	/Richard L. Byrne/
DATE SIGNED:	10/28/2019
Total Attachments: 4	
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source=Assignment#page1.tif	

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Young-Eun CHEON
Seon-Ju LIM
Tac-Jin KIM
Chang-Q LEE

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: SK Innovation Co., Ltd.

Internal Address: _____

Street Address: 26, Jong-ro, Jongno-gu

City: Seoul

State: _____

Country: REPUBLIC OF KOREA Zip: 03188

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) October 10, 2019

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

16/608,997

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Richard L. Byrne

Internal Address: The Webb Law Firm

Street Address: One Gateway Center
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Docket Number: 1455 - 1907734

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 0

- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

/Richard L. Byrne/

October 28, 2019

Signature

Date

Richard L. Byrne

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

REEL: 050841 FRAME: 0987

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

**HIERARCHICAL EU-2 TYPE ZEOLITE HAVING BOTH MICROPORES AND
MESOPORES, AND PREPARATION METHOD THEREFOR**

(Invention Title)

for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

for which an application for a United States Patent was filed on _____ (mm/dd/yyyy) and bears Application Number _____ (hereinafter "said application").

AND/OR

for which an international patent application was filed under the Patent Cooperation Treaty on 04/30/2018, bearing Application No. PCT/KR2018/005013 (hereinafter "said application").

AND, WHEREAS, SK Innovation Co., Ltd., a corporation of Republic of Korea, having a place of business at 26, Jong-ro, Jongno-gu, Seoul 03188, Republic of Korea hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

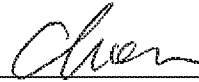
And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee

or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:
CHEON, Young-Eun

RESIDENCE:
Daejeon, Republic of Korea

EXECUTED this 10 day of Oct, 2019



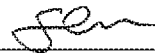
SIGNATURE

WITNESS:

2. FULL NAME OF ASSIGNOR:
LIM, Seon-Ju

RESIDENCE:
Daejeon, Republic of Korea

EXECUTED this 10 day of Oct., 2019



SIGNATURE

WITNESS:

Checked Box indicates 1 additional page(s) for inventor signatures.

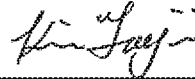
INTERNATIONAL

Application No. _____
Attorney Docket No. _____

3. FULL NAME OF ASSIGNOR:
KIM, Tae-Jin

RESIDENCE:
Daejeon, Republic of Korea

EXECUTED this 10 day of Oct., 2019



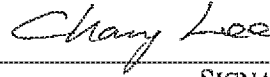
SIGNATURE

WITNESS:

4. FULL NAME OF ASSIGNOR:
LEE, Chang-Q

RESIDENCE:
Daejeon, Republic of Korea

EXECUTED this 10 day of October, 2019



SIGNATURE

WITNESS:
