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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUNGKYU CHOI	11/22/2021
KWAN-YOUNG LEE	11/22/2021
JINSEONG KIM	11/22/2021
EUNHEE JANG	11/22/2021
HWIYOON NOH	11/22/2021

RECEIVING PARTY DATA

Name:	KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION	
Street Address:	145, ANAM-RO, SEONGBUK-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	02841	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17533597

CORRESPONDENCE DATA

Fax Number: (202)315-3758

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.

Phone: 2024290020 Email: pto@nsiplaw.com

Correspondent Name: NSIP LAW

Address Line 1: 1120 CONNECTICUT AVE, NW, SUITE 304

Address Line 4: D.C., D.C. 20036

ATTORNEY DOCKET NUMBER: 018194.0010

NAME OF SUBMITTER: STEPHEN T. BOUGHNER

SIGNATURE: /Stephen T. Boughner/

DATE SIGNED: 11/23/2021

Total Attachments: 3

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PATENT REEL: 058195 FRAME: 0606

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PATENT REEL: 058195 FRAME: 0607

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

DECLARATION

As a below-named inventor, I hereby declare that this declaration is directed to the application attached hereto				
or to United States Application Number or PCT International Application Number				
filed on	(if applicable), entitled:			
HYDROCARBON ADSORPTION AND DESORPT CONTROLLED CATION RATIO AND PR				

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For valuable consideration, I, as a below-named assignor, hereby assign to:

Korea University Research and Business Foundation 145, Anam-ro, Seongbuk-gu, Seoul, 02841 Republic of Korea

and its suc	cessors and assigns (co	ollectively hereina	after called "the Assignee"), the entire right, title, and	
interest thr	oughout the world in the	inventions and i	improvements that are the subject of the application	
identified in	the above declaration,	which is United	States Application Number or PCT International Application	ìΓ
Number	17/533,597	filed on	November 23, 2021 .	

I authorize and request the attorneys appointed in the above-identified application to hereafter complete this Assignment by inserting above the application number and the filing date of the above-identified application when known, and to correct any typographical errors that may be discovered in this Assignment.

This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, like rights of exclusion, and inventors' certificates for any of the inventions and improvements that are the subject of the above-identified application; and I agree for myself and my heirs, legal representatives, and assigns without further compensation to perform such lawful acts and to sign such further applications, Assignments, preliminary statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

Page 1

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

Inventor's Legal Name	Jungkyu CHOI		
Inventor's Signature		Date	Nov. 22, 2021
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	301, 11-12, Samseong-ro 107-gil, Gangnam-gu, Seoul 06155, Republic of Korea		

Inventor's Legal Name	Kwan-Young LEE		
Inventor's Signature	HOJZ.	Date	Nov. 22, 2021
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	101-1807, Hangang Daewoo Trumpworld 3rd Apt, 26, Hangang-daero, Yongsan-gu, Seoul 04389, Republic of Korea		

Inventor's Legal Name	Jinseong KIM		
Inventor's Signature	11,204	Date	Nov. 22, 2021
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	11-7, Goryeodae-ro 24ga-gil, Seongbuk-gu, Seoul 02856, Republic of Korea		

Inventor's Legal Name	Eunhee JANG		
Inventor's Signature	7 년 전.	Date	Nov. 22, 2021
Residence (City, Country)	Anyang-si, Republic of Korea		
Mailing Address	103-808, Anyang Central Hessen Apt, 174, Anyang-ro, Manan-gu, Anyang-si, Gyeonggi-do 14033, Republic of Korea		

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

Inventor's Legal Name	Hwiyoon NOH	mananananananan	
Inventor's Signature		Date	Nov. 22, 2021
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	145, Anam-ro, Seongbuk-gu, Seoul 02841, Republic of Korea		