

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HO WON LEE	03/17/2021
JE MI LIM	03/17/2021
HEE SOO KIM	03/17/2021
JU HWAN IM	03/17/2021
DAE HYUN CHOO	03/17/2021
KA YOUNG KIM	03/18/2021
JAE SUK CHOI	03/17/2021
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17289271
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PATENT

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SIGNATURE:	/Richard L. Byrne/
DATE SIGNED:	04/28/2021
Total Attachments: 4 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

INTERNATIONAL
Application No. _____

Attorney Docket No. 9636-2101401

ASSIGNMENT

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

**COBALT-BASED SINGLE-ATOM DEHYDROGENATION CATALYSTS AND
METHOD FOR PRODUCING CORRESPONDING OLEFINS FROM PARAFFINS
USING THE SAME**

(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 10/30/2019 (mm/dd/yyyy), bearing Application No. PCT/KR2019/014476 (hereinafter "said application").

AND, WHEREAS, SK Innovation Co., Ltd., a corporation of the Republic of Korea, having a place of business at 26, Jong-ro Jongno-gu, Seoul 03188, Republic of Korea, and

SK Global Chemical Co., Ltd., a corporation of the Republic of Korea, having a place of business at 26, Jong-ro Jongno-gu, Seoul 03188, Republic of Korea, hereinafter called the "assignees", are 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 assignees, 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 assignees 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, including rights of priority under the International Convention of Paris (1883) as amended, 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 hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. 17/289,271 filed 10/30/2019) the filing date and application number of said application when known.

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.

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And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignees 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 assignees or by counsel for said assignees to assist or enable said assignees 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 assignees.

1. FULL NAME OF ASSIGNOR:
Ho Won Lee

RESIDENCE:
Daejeon, Republic of Korea

EXECUTED this 17 day of May, 2021

Howon Lee
SIGNATURE

WITNESS:

[Signature]

2. FULL NAME OF ASSIGNOR:
Je Mi Lim

RESIDENCE:
Daejeon, Republic of Korea

EXECUTED this 17 day of May, 2021

Je Mi Lim
SIGNATURE

WITNESS:

[Signature]

☒ Checked Box indicates 2 additional pages for inventor signatures.

INTERNATIONAL

Application No. _____

Attorney Docket No. 9636-2101401

3. FULL NAME OF ASSIGNOR:

Hee Soo Kim

RESIDENCE:

Daejeon, Republic of KoreaEXECUTED this 12 day of March, 2021Kim, Heesoo

SIGNATURE

WITNESS: [Signature]

4. FULL NAME OF ASSIGNOR:

Ju Hwan Im

RESIDENCE:

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SIGNATURE

WITNESS: [Signature]

5. FULL NAME OF ASSIGNOR:

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RESIDENCE:

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WITNESS: [Signature]

INTERNATIONAL

Application No. _____

Attorney Docket No. 9636-2101401

6. FULL NAME OF ASSIGNOR:
Ka Young Kim

RESIDENCE:
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EXECUTED this 18 day of Mar, 2021

Ka Young Kim

SIGNATURE

WITNESS: [Signature]

7. FULL NAME OF ASSIGNOR:
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EXECUTED this 17 day of Mar, 2021

Choi Jae Suk

SIGNATURE

WITNESS: [Signature]