504319627 04/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4366309

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANG IL LEE	03/22/2017
SUNG REAL SON	03/22/2017
YOUNG BO CHOI	03/20/2017

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:	15518827

CORRESPONDENCE DATA

Fax Number: (412)471-4094

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.

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Email: assignments@webblaw.com

Correspondent Name: THE WEBB LAW FIRM

Address Line 1: 420 FT. DUQUESNE BLVD., SUITE 1200

Address Line 2: ONE GATEWAY CENTER

Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER: 7854-1702347 NAME OF SUBMITTER: RICHARD L. BYRNE SIGNATURE: /Richard L. Byrne/ **DATE SIGNED:** 04/13/2017

Total Attachments: 4

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> **PATENT** REEL: 041996 FRAME: 0001 504319627

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PATENT REEL: 041996 FRAME: 0002

RECORDATION FO	RM COVER SHEET
PATENT	S ONLY
To the Director of the U.S. Patent and Trademark Office: Pleas	e record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Sang II LEE Sung Real SON	Name: SK Innovation Co., Ltd.
Young Bo CHOI	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) March 22, 2017; March 20, 2017 Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License	Street Address: 26, Jong-ro, Jongno-gu City: Seoul State: Country: REPUBLIC OF KOREA Zip: 03188
Other	Additional name(s) & address(es) attached? ☐ Yes ☑ No
A. Patent Application No.(s) 15/518,827 Additional numbers att	B. Patent No.(s) ached?
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Richard L. Byrne	
Internal Address: The Webb Law Firm	7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>0</u>
Olas et Adda as Con Coda es Coda es co	Authorized to be charged to deposit account Enclosed
Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200	None required (government interest not affecting title)
City: Pittsburgh	8. Payment Information
State: PA Zip: 15222	
Phone Number: 412-471-8815	
Docket Number: 7854 - 1702347	Deposit Account Number
Email Address: assignments@webblaw.com	Authorized User Name
9. Signature: /Richard L. Byrne	/ April 13, 2017
Signature	Date
Richard L. Byrne Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:
Documents to be recorded (including cover sheet Mail Stop Assignment Recordation Services, Director o	r) should be faxed to (571) 273-0140, or mailed to: f the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 041996 FRAME: 0003

Į	NTERNATIONAL
Application I	No
Attorney Docket No.	7854-1702347

<u>ASSIGNMENT</u>

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

miprov	vements in	
	METHOD FOR PRODUCING ANHYDROUS SUGAR ALCOHOL USING	
	AZEOTROPIC DISTILLATION (Invention Title)	
AND/	for which I have this day executed an application for a United States Patent (hereinafter "said application"). OR	
t & AND/	for which an application for a United States Patent was filed on	
X	for which an international patent application was filed under the Patent Cooperation Treaty on 10/07/2015 (mm/dd/yyyy), bearing Application No. PCT/KR2015/010588 (hereinafter "said application").	
berein	AND, WHEREAS, SK Innovation Co., Ltd., a corporation of the Republic of a, having a place of business at 26, Jong-ro, Jongno-gu, Seoul 03188, Republic of Korea, nafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and d application and the inventions and improvements therein disclosed.	
assign herein excha- therein issue continuents	NOW, THEREFORE, for good and valuable consideration paid to me by said nee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, nafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and sive right, title and interest in and to said application and the inventions and improvements in disclosed for the United States and all foreign countries and any Letters Patent which may therefor in the United States and all foreign countries and all divisions, reissues, muations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends a full ends of the terms of these applications and patents as fully and entirely as the same d have been held and enjoyed by me had this Assignment not been made.	
Castr	I hereby authorize and request any attorney associated with The Webb Law Firm, omer No. 28289, to insert here in parentheses (Application No. 15/518,827	
impo vend	I covenant that I am the lawful owner(s) of said application, inventions and overnents, that the same are unencumbered, that no license has been granted to make, use or the said inventions or improvements or any of them, and that I have the full right to make Assignment.	

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	INTERNATIONAL
Application	No
Attorney Docket No	s. <u>7854-1702347</u>

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:	RESIDENCE:
Sang II LEE	Dacjeon, Republic of Korea
EXECUTED this >> day of MOVOM	, 2017 SIGNATURE
WITNESS:	
2. FULL NAME OF ASSIGNOR: Sung Real SON	RESIDENCE: Daejeon, Republic of Korea
EXECUTED this 22 day of March	, 2017
WITNESS:	SIGNATURE
X Checked Box indicates 1 additional g	age(s) for inventor signatures.

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INTERNATIONAL Application No.
Attorney Docket No
IDENCE: Seoul, Republic of Korea
MA
SIGNATURE

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RECORDED: 04/13/2017