PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4023606

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IN HYOUP SONG	08/12/2016
TAE SEUNG KIM	08/12/2016
SUNG REAL SON	08/12/2016
YOON JAE YIM	08/12/2016
SUK JOON HONG	08/12/2016

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:	15246954

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.

Phone: 412-471-8815

Email: assignments@webblaw.com THE WEBB LAW FIRM, P.C. **Correspondent Name:** Address Line 1: ONE GATEWAY CENTER

Address Line 2: 420 FT. DUQUESNE BLVD, SUITE 1200 Address Line 4: PITTSBURGH, PENNSYLVANIA 15222

ATTORNEY DOCKET NUMBER:	7854-1603865
NAME OF SUBMITTER:	RICHARD L. BYRNE
SIGNATURE:	/Richard L. Byrne/
DATE SIGNED:	08/25/2016
·	

Total Attachments: 4

PATENT REEL: 039540 FRAME: 0459

503976950

source=ASSIGNANDRECCOVER#page1.tif
source=ASSIGNANDRECCOVER#page2.tif
source=ASSIGNANDRECCOVER#page3.tif
source=ASSIGNANDRECCOVER#page4.tif

PATENT REEL: 039540 FRAME: 0460 Form **PTO-1595** (Rev. 06-12) QMB No. 0651-0027 (exp. 04/30/2015)

RECORDATION FORM COVER SHEET	
PATENTS 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) In Hyoup SONG Tae Seung KIM Suk Joon HONG Sung Real SON	2. Name and address of receiving party(ies) Name: SK Innovation Co., Ltd. Internal Address:
Yoon Jae YIM Additional name(s) of conveying party(ies) attached? Yes V No 3. Nature of conveyance/Execution Date(s): Execution Date(s) August 12, 2016	Street Address: 26, Jong-ro, Jongno-gu
Execution Date(s) August 12, 2016 ✓ Assignment	City: Seoul State:
Government Interest Assignment Executive Order 9424, Confirmatory License Other	Country: REPUBLIC OF KOREA Zip: 03188 Additional name(s) & address(es) attached? Yes Vo
	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s)
Additional numbers att	ached? ☐ Yes ✓ No
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	7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>0</u>
Street Address: One Gateway Center 420 Ft. Duquesne Blvd., Ste 1200	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
City: Pittsburgh	8. Payment Information
State: <u>PA</u> Zip: <u>15222</u>	
Phone Number: 412-471-8815 Docket Number: 7854 - 1603865	Deposit Account Number
Email Address: assignments@webblaw.com	Authorized User Name
9. Signature: Signature Richard L. Byrne Name of Person Signing Documents to be recorded (including cover sheet	August 25, 2016 Date Total number of pages including cover sheet, attachments, and documents: Should be faxed to (571) 273-0140, or malled to:
Mail Stop Assignment Recordation Services, Director of	

PATENT REEL: 039540 FRAME: 0461

IN	NTERNATIONAL
Application N	O
Attorney Docket No.	7854-1603865

ASSIGNMENT

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

METHOD OF PREPARING ANHYDROSUGAR ALCOHOL BY TWO-STEP REACTION (Invention Title) | X | 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 (mm/dd/yyyy), bearing Application No. (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, hereinafter called the "assignce", 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 hereby authorize and request any attorney associate with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. 15/246, 954 filed 08/25/201) 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.

Page 1 of 3

3GS2443.DOCX

IN	TERNATIONAL
Application N	0
Attorney Docket No	7854-1603865

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:
In Hyoup SONG	Daejeon, Republic of Korea
EXECUTED this 12 day of August,	
ALLEM ITO C	
WITNESS:	
and the second of the second o	
2. FULL NAME OF ASSIGNOR:	RESIDENCE:
Tae Seung KIM	Yongin-si, Republic of Korea
EXECUTED this 12 day of August	,2016 Serve
	SIGNATURE
WITNESS:	
X Checked Box indicates 1 additional pa	ge(s) for inventor signatures.

Page 2 of 3

	INTERNATIONAI Application No	
	Attorney Docket No. <u>7854-1603865</u>	
3. FULL NAME OF ASSIGNOR: Sung Real SON	RESIDENCE: Daejeon, Republic of Korea	
EXECUTED this 12 day of AUGUST	Angl	
WITNESS:	/ Signature	
e i journal och storetreger det deregtet för dettaken i det stor	nga kemperasa kalangan kemperangan persebagai	
4. FULL NAME OF ASSIGNOR: Yoon Jae YIM	RESIDENCE: Sejong-si, Republic of Korea	
EXECUTED this 12 day of August	, 2016 SIGNATURE	
WITNESS:		
anno kirola karansatwan kilondhila ka ka a	en in gangergeen kereminal kepadahkan mentumbah	
5. FULL NAME OF ASSIGNOR: Suk Joon HONG	RESIDENCE: Daejeon, Republic of Korea	
EXECUTED this 12 day of August	, 2016 32 SIGNATURE	
WITNESS:		
3GS2443.DOCX Pag	ge 3 of 3	

2016-08-12 / 곱취Lab / 손선명 / sl13231 / C:W

PATENT REEL: 039540 FRAME: 0464

RECORDED: 08/25/2016