

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Jisu Jeong</td><td>06/17/2010</td></tr><tr><td>Sujith Sudevan</td><td>06/17/2010</td></tr><tr><td>Myungahn Ok</td><td>06/17/2010</td></tr><tr><td>Jieun Yoo</td><td>06/17/2010</td></tr><tr><td>BunYeoul Lee</td><td>06/17/2010</td></tr><tr><td>SungJae Na</td><td>06/17/2010</td></tr></tbody></table>		Name	Execution Date	Jisu Jeong	06/17/2010	Sujith Sudevan	06/17/2010	Myungahn Ok	06/17/2010	Jieun Yoo	06/17/2010	BunYeoul Lee	06/17/2010	SungJae Na	06/17/2010
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SungJae Na	06/17/2010														
RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>SK Energy Co., Ltd.</td></tr><tr><td>Street Address:</td><td>99, Seorin-dong, Jongro-gu</td></tr><tr><td>City:</td><td>Seoul</td></tr><tr><td>State/Country:</td><td>REPUBLIC OF KOREA</td></tr><tr><td>Postal Code:</td><td>110-110</td></tr></table>		Name:	SK Energy Co., Ltd.	Street Address:	99, Seorin-dong, Jongro-gu	City:	Seoul	State/Country:	REPUBLIC OF KOREA	Postal Code:	110-110				
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PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12817588</td></tr></tbody></table>		Property Type	Number	Application Number:	12817588										
Property Type	Number														
Application Number:	12817588														
CORRESPONDENCE DATA															
Fax Number: (412)945-5933 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: 412-471-8815															
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ATTORNEY DOCKET NUMBER:	5038-101834														

501271945

PATENT
REEL: 024885 FRAME: 0292

OP \$40.00 12817588

NAME OF SUBMITTER:

Richard L. Byrne

Total Attachments: 3

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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)

Jisu JEONG

Sujith SUDEVAN

Myungahn OK

BunYeoul LEE

Jieun YOO

SungJae NA

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

2. Name and address of receiving party(ies)

Name: SK ENERGY CO., LTD.

Internal Address: _____

Street Address: 99, Seorin-dong, Jongro-gu, Seoul

City: _____

State: _____

Country: REPUBLIC OF KOREA Zip: 110-110

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

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

Execution Date(s) June 17, 2010

☒ 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 is being filed together with a new application.

A. Patent Application No.(s)

12/817,588

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: 436 Seventh Avenue

700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged by credit card

☐ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

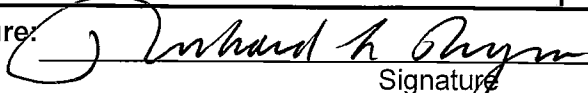
a. Credit Card Last 4 Numbers 4775

Expiration Date 05/2012

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:



Signature

August 25, 2010

Date

Richard L. Byrne, Registration No. 28,498

Name of Person Signing

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

3

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

ASSIGNMENT

This is an Assignment of the following rights, title and interest:

- ☒ United States of America rights, title and interest in the invention
- ☒ Foreign rights, title and interest in the invention
- ☒ International Application No.

Date of Filing:

☐ For which an application for a U.S. Patent was executed on _____

☐ United States Patent Application Serial No. _____

Date of Filing: _____

Title of the Invention: **Catalytic system for CO2/epoxide copolymerization**

Inventors (Assignors): JEONG, JISU / Sujith Sudevan / OK, MYUNGAHN / YOO, JIEUN / LEE, BunYeoul / NA, SungJae

Assignee(s): SK ENERGY CO., LTD.

(99, Seorin-dong, Jongro-gu, Seoul 110-110 Republic of Korea)

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said applications(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States, unto said Assignee.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

PATENT

REEL: 024885 FRAME: 0295

JEONG, JISU
Signature: Jeong Jisu

Date 6/17/2010

Sujith Sudevan
Signature: Sujith

Date 6/17/2010

OK, MYUNGAHN
Signature: Myungahn OK

Date 6/17/2010

YOO, JIEUN
Signature: Yoo Jieun

Date 6/17/2010

LEE, BunYeoul
Signature: 이분열

Date 6/17/2010

NA, SungJae
Signature: 나성재

Date 6/17/2010