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05-12-2009

SHEET

12/312361

To the Director of the U.S. Patent

103560154

Additional documents or the new address(es) below.

1. Name of conveying party(ies)

Seung Hoon OH Jong Hyung LEE
Sang Il LEE Kyung Jong OH
Kyeong Hak SEONG

2. Name and address of receiving party(ies)

Name: SK Energy Co., Ltd.

Internal Address: _____

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

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

Execution Date(s) April 23, 2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

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

City: Seoul

State: _____

Country: Republic of Korea Zip: 110-110

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

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: ABELMAN, FRAYNE & SCHWAB

Internal Address: _____

Street Address: 666 Third Avenue, 10th Floor

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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 01-0035

Authorized User Name Jay S. Cinamon

9. Signature:

Jay S. Cinamon

Signature

May 5, 2009
Date

05/07/2009 CNGUYEN2 00000043 12372361

04 FC:8021

Jay S. Cinamon Reg. 24,156
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 2

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PATENT

REEL: 022674 FRAME: 0624

ASSIGNMENT

12/312361

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

- ☒ United States of America rights, title and interest in the invention
☐ United States Patent Application Serial No. _____

Title of the Invention:

CATALYST FOR XYLENE ISOMERIZATION AND PROCESS FOR PREPARING THE SAME

Inventors (assignors):

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Assignee:

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.

Sh. Oh
 Signature: OH, Seung Hoon

Apr 23, 2009
 Date

Lee Sangil
 Signature: LEE, Sang Il

April 23 2009
 Date

SKH
 Signature: SEONG, Kyeong Hak

April 23 2009
 Date

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April 23 2009
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PATENT

RECORDED: 05/06/2009

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