

Ahn 07-05

05-07-2009

RECEIVED 01 MAY 2009  
SHEET 12/312278



To the Director of the U.S. Patent

103559568

ched documents or the new address(es) below.

1. Name of conveying party(ies)

Myung Ahn OK  
Dae Ho SHIN  
Jong Sok HAHN  
Ho Seong LEE  
Sang Ook KANG  
Sung Kwan KIM

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) 4/30/09

- Assignment
- Security Agreement
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_
- Merger
- Change of Name

Street Address: 99, Seorin-dong

Jongro-gu

City: Seoul 110-110

State: \_\_\_\_\_

Country: Korea Zip: \_\_\_\_\_

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)

International AppIn PCT/KR2007/005393  
filed October 30, 2007

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

City: New York

State: New York Zip: 10017-5621

Phone Number: 212 949-9022

Fax Number: 212 949-9190

Email Address: e-mail@lawabel.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 \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 01-0035

Authorized User Name Jay S. Cinamon

9. Signature:

*Jay S. Cinamon*  
Signature  
Jay S. Cinamon, Reg. No. 24,156  
Name of Person Signing

May 1, 2009  
Date

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

05/05/2009 CNGUYEN2 0000002 1231278  
01 FC:8021  
40.00 OP  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Docket No.:

# ASSIGNMENT

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:

TRANSITION METAL CATALYTIC SYSTEMS AND METHODS FOR PREPARING ETHYLENE HOMOPOLYMERS OR COPOLYMERS OF ETHYLENE AND OLEFINS USING THE SAME

Inventors (assignors):

- OK, Myung Ahn : 102-606, Mugunghwa Apt., Wolpyeong 2-dong, Seo-gu, Daejeon 305-747, Republic of Korea
- SHIN, Dae Ho : 304-1303, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761, Republic of Korea
- HAHN, Jong Sok : 211-1702, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761, Republic of Korea
- LEE, Ho Seong : 202, 336-8, Jeonmin-dong, Yuseong-gu, Daejeon 305-810, Republic of Korea
- KANG, Sang Ook : 112-801, Seocho Raemian Apt., Seocho 4-dong, Seocho-gu, Seoul 137-775, Republic of Korea
- KIM, Sung Kwan : 449-10, Oksan-ri, Sancheong-eup, Sancheong-gun, Gyeongsangnam-do, 666-805, Republic of Korea

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.

Myung Ahn OK      2009/4/30  
 Signature: OK, Myung Ahn      Date

신대호      2009/4/30  
 Signature: SHIN, Dae Ho      Date

하정석      30 Apr 2009  
 Signature: HAHN, Jong Sok      Date

Ho Seong Lee      30 Apr 2009  
 Signature: LEE, Ho Seong      Date

Sang Ook Kang      30 Apr 2009  
 Signature: KANG, Sang Ook      Date

Sung Kwan Kim      30 Apr 2009  
 Signature: KIM, Sung Kwan      Date