

06-09-2006

AP15 Rec'd PCT/PTO 18 NOV 2005

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office



103254856

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)

Wan-Jae MYEONG
Kyu-Ho SONG

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

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

Execution Date(s) November 3, 2005

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

2. Name and address of receiving party(ies)

Name: HANWHA CHEMICAL CORPORATION

Internal Address: _____

Street Address: 1, Janggyo-dong,

City: Jung-gu, Seoul 100-797

State: _____

Country: Republic of 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)

10/557939

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jay S. Cinamon

Internal Address: ABELMAN, FRAYNE & SCHWAB

Street Address: 666 Third Avenue

City: New York

State: NY Zip: 10017-5621

Phone Number: (212) 949-9022

Fax Number: (212) 949-9190

Email Address: _____

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 _____

Authorized User Name _____

9. Signature:

Jay S. Cinamon
Signature

Nov. 18, 2005
Date

Jay S. Cinamon, Reg. No. 24,156 Docket No. 207,332

Name of Person Signing

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:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ATTACHMENT FOR RECORDATION FORM COVER SHEET

PATENTS ONLY (Form PTO-1595)

10/557939

1. Name of conveying party(ies):

Se-Woong PARK

Joo-Hyeong LEE

Jin-Soo BAIK

Chang-No CHUNG

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Name and address of receiving party(ies)

Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 11/18/05

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ 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:

METAL OXIDE SOLID SOLUTION, PREPARATION AND USE THEREOF

Inventors (assignors):

MYEONG, Wan-Jae: 108-305, Daelim Dure Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-720, Republic of Korea
SONG, Kyu-Ho: 304-403, Shindongah Apt., Samchun-dong, Seo-gu, Daejeon 302-780, Republic of Korea
PARK, Se-Woong: 103-601, Hanmaul Apt., Songgang-dong, Yuseong-gu, Daejeon 305-756, Republic of Korea
LEE, Joo-Hyeong: 101-505, Lucky Hana Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-721, Republic of Korea
BAIK, Jin-Soo: 1203, Cityvill Apt., Tanbang-dong, Seo-gu, Daejeon 302-858, Republic of Korea
CHUNG, Chang-Mo: 106-1003, Lucky Hana Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-721, Republic of Korea

Assignee: **HANWHA CHEMICAL CORPORATION: 1, Janggyo-dong, Jung-gu, Seoul 100-797, 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.

Myeong, Wan-Jae Nov. 3. 2005
 Signature: MYEONG, Wan-Jae Date

Song, Kyu-Ho Nov. 3. 2005
 Signature: SONG, Kyu-Ho Date

Park, Se-Woong Nov. 3. 2005
 Signature: PARK, Se-Woong Date

LEE, JOO-HYEONG Nov. 3, 2005
 Signature: LEE, Joo-Hyeong Date

Baik, Jin-Soo Nov. 3. 2005
 Signature: BAIK, Jin-Soo Date

Chung, Chang-Mo Nov. 3. 2005
 Signature: CHUNG, Chang-Mo Date