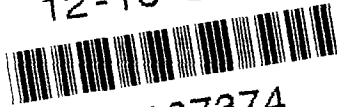


FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
POBA/REV03

12/18/05

12-15-2005



103137374

SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Y

Tab settings

To the Director of the United States

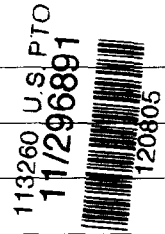
Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Donghyun JO, Jongwook BAE, Juyoul KIM, Sung Won KIM,  
Byungchul OH and Seung Back HA**

2. Name and address of receiving party(ies):

Name: **LG CHEM, LTD.**

Address: **20 Yoido-dong, Youngdungpo-gu**



Additional names(s) of conveying party(ies)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

City: **Seoul** State/Prov.: \_\_\_\_\_

Country: **Republic of Korea** ZIP: **150-721**

Execution Date: **11-21-2005**

Additional name(s) & address(es)  Yes  No

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

If this document is being filed together with a new application, the execution date of the application is: **11-21-2005**

Patent Application No. Filing date

B. Patent No.(s)

12/15/2005 DBYRME 00000273 061130 11296891  
DI FC:8021 40.00 DA

Additional numbers  Yes  No

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

Name: **Soonja Bae**

Registration No. **Limited Recognition No. L0017**

Address: **Cantor Colburn LLP**

**55 Griffin Road South**

City: **Bloomfield** State/Prov.: **CT**

Country: **USA** ZIP: **06002**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

**06-1130**

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

**Soonja Bae**

Name of Person Signing

Signature

**December 8, 2005**

Date

Total number of pages including cover sheet, attachments, and document: **3**

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignment Recordation Services  
Director of the United States Patent and Trademark Office  
P.O. Box 1450, Alexandria, VA 22313-1450

**PATENT**  
**REEL: 017339 FRAME: 0485**

ASSIGNMENT

WHEREAS We, **JO, Donghyun** of 8-503 LG Company Housing Apt., Doryong-dong, Yuseong-gu, Daejeon-city, Rep. of Korea, **BAE, Jongwook** of 109-801 Sejong Apt., Jeonmin-dong, Yuseong-gu, Daejeon-city, Rep. of Korea, **KIM, Juyoul** of 111-110 2 Jugong Apt., Byungjeom-ri, Taean-eup, Hwaseong-city, Kyungki-do, Rep. of Korea, **KIM, Sung Won** of 105-1303 Sejong Apt., Jeonmin-dong, Yuseong-gu, Daejeon-city, Rep. of Korea, **OH, Byungchul** of Rm. 102, Sinyeonrib, LG Company Housing Apt., Doryong-dong, Yuseong-gu, Daejeon-city, Rep. of Korea and **HA, Seung Back** of 6/7, 4 33-2 Deokpung1-dong, Hanam-city, Kyungki-do, Rep. of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

Method of inhibiting coke formation in ethylene dichloride  
pyrolysis cracker

which claims priority to **Korean** Application No. 10-2004-0103655, filed on 09/December/2004, and for which We are about to file an application for Letters Patent of the United States;


AND WHEREAS, **LG CHEM, LTD. (President: No, Ki Ho)** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of **Rep. of Korea**, having a place of business at **20 Yoido-dong, Youngdungpo-gu, Seoul 150-721 Rep. of Korea**, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefore;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and

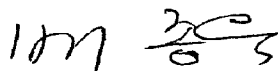
We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

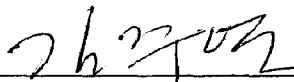
Date: 21 / Nov. / 2005

  
\_\_\_\_\_  
[ JO, Donghyun ] L.S.

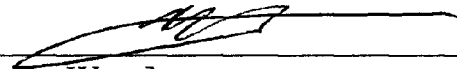
Date: 21 / November / 2005

  
\_\_\_\_\_  
[ BAE, Jongwook ] L.S.


Date: 21 / November / 2005

  
\_\_\_\_\_  
[ KIM, Juyoul ] L.S.


Date: Nov. 21th, 2005

  
\_\_\_\_\_  
[ KIM, Sung Won ] L.S.

Date: ~~21~~ 21 / November / 2005

  
\_\_\_\_\_  
[ OH, Byungchul ] L.S.

Date: 21 / November / 2005

  
\_\_\_\_\_  
[ HA, Seung Back ] L.S.