

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Kil Sang CHANG</td> <td>03/20/2012</td> </tr> <tr> <td>Xiaoshan PENG</td> <td>03/20/2012</td> </tr> <tr> <td>Seo Young PARK</td> <td>03/20/2012</td> </tr> <tr> <td>Ki Seon YANG</td> <td>03/20/2012</td> </tr> <tr> <td>A Reum HAN</td> <td>03/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kil Sang CHANG	03/20/2012	Xiaoshan PENG	03/20/2012	Seo Young PARK	03/20/2012	Ki Seon YANG	03/20/2012	A Reum HAN	03/20/2012
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<table border="1"> <tr> <td>Name:</td> <td>Sangmyung University, Council for Industry Academic Cooperation</td> </tr> <tr> <td>Street Address:</td> <td>c/o Sangmyung University</td> </tr> <tr> <td>Internal Address:</td> <td>98-20, San, Anseo-dong, dongnam-gu, Cheonan-si</td> </tr> <tr> <td>City:</td> <td>Chungcheongnam-do 330-720</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	Sangmyung University, Council for Industry Academic Cooperation	Street Address:	c/o Sangmyung University	Internal Address:	98-20, San, Anseo-dong, dongnam-gu, Cheonan-si	City:	Chungcheongnam-do 330-720	State/Country:	KOREA, REPUBLIC OF		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (212)949-9190</p> <p>Phone: 212-949-9022</p> <p>Email: sortiz@lawabel.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: ABELMAN, FRAYNE &amp; SCHWAB</p> <p>Address Line 1: 666 Third Avenue, 10th Floor</p> <p>Address Line 4: New York, NEW YORK 10017-5621</p>													
ATTORNEY DOCKET NUMBER:	212,057												
NAME OF SUBMITTER:	Jay S. Cinamon												
<p>Total Attachments: 2</p> <p>source=212057_Assignment_new#page1.tif</p> <p>source=212057_Assignment_new#page2.tif</p>													

CH \$40.00 13498658

# UNITED STATES

## ASSIGNMENT FROM INVENTOR

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:

MIXED METAL OXIDE CATALYST FOR DECOMPOSITION OF NITROGEN OXIDES

Inventors (assignors):

CHANG, Kil Sang - 509-301, Gangseon Dongbu Apt., Juyeop 1-dong, IlsanSeo-gu, Goyang-si, Gyeonggi-do  
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 Republic of Korea  
 YANG, Ki Seon - 202-301, Sansol Twin Vill, 227, Myeonmok-dong, Jungnang-gu, Seoul 131-200, Republic of Korea  
 HAN, A Reum - 19-1, 177-10, Jangwi 3-dong, Seongbuk-gu, Seoul 136-832, Republic of Korea

Assignee:

Sangmyung University, Council for Industry Academic Cooperation:  
 c/o Sangmyung University, 98-20, San, Anseo-dong, dongnam-gu, Cheonan-si, Chungcheongnam-do 330-720,  
 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.

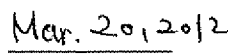
And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

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.

  
 Signature: CAHNG, Kil Sang

  
 Date

  
 Signature: PENG, Xiaoshan

  
 Date

박지영

Signature: PARK, Seo Young

Mar. 20, 2012

Date

양기선

Signature: YANG, Ki Seon

Mar 20, 2012

Date

한아름

Signature: HAN, A Reum

Mar 20, 2012

Date