

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT												
NATURE OF CONVEYANCE:	Corrective Assignment to correct the country of assignee previously recorded on Reel 024683 Frame 0198. Assignor(s) hereby confirms the assignee's country as "Republic of Korea".												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sang-Hyo RYU</td> <td>06/29/2010</td> </tr> <tr> <td>Wan Sung LEE</td> <td>06/29/2010</td> </tr> <tr> <td>Youngchan JANG</td> <td>06/29/2010</td> </tr> </tbody> </table>		Name	Execution Date	Sang-Hyo RYU	06/29/2010	Wan Sung LEE	06/29/2010	Youngchan JANG	06/29/2010				
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>KOREA KUMHO PETROCHEMICAL CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>115 Sinmunno 1-Ga, Jongro-Gu</td> </tr> <tr> <td>Internal Address:</td> <td>Kunho Asiana Main Tower</td> </tr> <tr> <td>City:</td> <td>Seoul</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>110-857</td> </tr> </table>		Name:	KOREA KUMHO PETROCHEMICAL CO., LTD.	Street Address:	115 Sinmunno 1-Ga, Jongro-Gu	Internal Address:	Kunho Asiana Main Tower	City:	Seoul	State/Country:	REPUBLIC OF KOREA	Postal Code:	110-857
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CORRESPONDENCE DATA													
<p>Fax Number: (202)220-4201 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 202-220-4200 Email: mkuspa@kenyon.com Correspondent Name: KENYON & KENYON LLP Address Line 1: 1500 K STREET N.W. Address Line 2: SUITE 700 Address Line 4: Washington, DISTRICT OF COLUMBIA 20005-1257</p>													
ATTORNEY DOCKET NUMBER:	1942/74												
NAME OF SUBMITTER:	Matthew G. Kuspa												

OP \$40.00 12836014

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PATENT
REEL: 025046 FRAME: 0773

Total Attachments: 10

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TO:KENYON & KENYON LLP COMPANY:1500 K STREET N.W.

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.107/14/2010
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
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Fax Number:	(202)220-4201								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	202-220-4223								
Email:	IScheugenpflug@Kenyon.com								
Correspondent Name:	KENYON & KENYON LLP								
Address Line 1:	1500 K STREET N.W.								
Address Line 2:	SUITE 700								
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20005								
ATTORNEY DOCKET NUMBER:	1942-74								
NAME OF SUBMITTER:	Irma Scheugenpflug								
Total Attachments: 3									

OP \$40.00 12836014

TO:KENYON & KENYON LLP COMPANY:1500 K STREET N.W.

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ASSIGNMENT

WHEREAS, we

- i) Sang-Hyo RYU residing at Suite 102, 209-5 Sinseong-dong, Yuseong-gu, Daejeon 305-345, Korea;
- ii) Wan Sung LEE residing at 108-1501 Humansia Apt., Bongsan-dong, Yuseong-gu, Daejeon 305-506 Korea;
- iii) Youngchan JANG residing at 105-906 Chonggu Narae Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-390, Korea

all of citizens of Republic of Korea, respectively, (hereinafter referred to as "the Assignors") ; have invented new and useful improvements in Catalyst composition for the synthesis of thin multi-walled carbon nanotube for which we are about to make application for Letters Patent of the United States, said application having been executed on even date hereof; and

WHEREAS, KOREA KUMHO PETROCHEMICAL CO., LTD.

organized and existing under and by virtue of the laws of the Republic of Korea, having an office at Kumho Asiana Main Tower, 115 Sinmunno 1-Ga, Jongro-Gu, Seoul 110-857, Korea (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title and interest in and to the application and invention therein described and claimed and any Letters Patent that may be issued upon the application or for the improvements therein contained.

Now, THEREFORE, for and in consideration of the equivalent of U. S. \$1.00 (One U. S. Dollar) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the Assignors, have assigned and transferred, and do hereby assign and transfer, unto the Assignee, its successors and assigns, the entire right, title and interest in and to the application and the

invention therein contained, including the right to apply for any Letters Patent in the United States of America on the invention, and any Letters Patent that may issue thereon or therefor in the United States, and all reissues, extensions, renewals, divisions and continuations thereof, to the full end of the term or terms for which the Letters Patent may be issued, the same to be held and enjoyed by the Assignee, its successors and assigns, the same as it would have been held and enjoyed by us if this Assignment had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue all such Letters Patent to the Assignee, its successors and assigns, in accordance with this instrument of Assignment.

We hereby represent and warrant that there are no rights and interests outstanding inconsistent with the rights and interests granted herein and that we will not execute any instrument or grant or transfer any rights or interests inconsistent therewith, and we, the Assignors, bind ourselves, our heirs, executors, administrators and legal representatives, as the case may be, to execute and deliver to the Assignee, its successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by the Assignee, its successors and assigns, to vest in the Assignee, its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States.

And we further covenant and agree, in consideration of the premises, that we, our executors and administrators, will at any time upon request communicate to the assignee, its successors and assigns, any facts relating to the invention and improvements and the history thereof, known to us or our executors and administrators, and that we will testify as to the same in any interference or other litigation when requested so to do by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
29th day of June, 2010.

20 8 2

Name : Sang-Hyo RYU

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
29th day of June, 2010.

이성완

Name : Wan Sung LEE

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this
29th day of June, 2010.

장영찬

Name : Youngchan JANG

WITNESSED BY :

안정아

Name : Jung Ah AHN

Kumho Asiana Main Tower, 115 Sinmunno 1-Ga,
 Jongro-Gu, Seoul 110-857, Korea

WITNESSED BY :

박수민

Name : Soo Min PAEK

Kumho Asiana Main Tower, 115 Sinmunno 1-Ga,
 Jongro-Gu, Seoul 110-857, Korea