

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Address of the receiving party previously recorded on Reel 027094 Frame 0479. Assignor(s) hereby confirms the Assignment of assignor's interest.
CONVEYING PARTY DATA	
Name	Execution Date
Semes Co., Ltd.	10/04/2011
RECEIVING PARTY DATA	
Name:	Korea Kumho Petrochemical Co., Ltd.
Street Address:	115 Sinmunno 1-Ga, Jongno-Gu
Internal Address:	Kumho Asiana Main Tower
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	110-857
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12045404
CORRESPONDENCE DATA	
Fax Number:	(202)585-0059
Phone:	2025085800
Email:	jsoll@kilpatricktownsend.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Kilpatrick Townsend & Stockton LLP
Address Line 1:	Two Embarcadero Center
Address Line 2:	8th Floor
Address Line 4:	San Francisco, CONNECTICUT 94111
NAME OF SUBMITTER:	Joan R. Soll
Total Attachments: 4 source=CorrectiveAssignment#page1.tif source=CorrectiveAssignment#page2.tif source=CorrectiveAssignment#page3.tif source=CorrectiveAssignment#page4.tif	

OP \$40.00 12045404

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REEL: 027112 FRAME: 0842

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><tr><th>Name</th><th>Execution Date</th></tr><tr><td>Semes Co., Ltd.</td><td>10/04/2011</td></tr></table>	Name	Execution Date	Semes Co., Ltd.	10/04/2011									
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ATTORNEY DOCKET NUMBER:	93332-822915												

PATENT

NAME OF SUBMITTER:	Joan R. Soll
Signature:	/Joan R. Soll/
Date:	10/20/2011
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	
RECEIPT INFORMATION EPAS ID: PAT1728574 Receipt Date: 10/20/2011 Fee Amount: \$40	

ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, we, SEMES CO., LTD., a Cheonan-si, Chungcheongnam-do, Republic of Korea, corporation/company having a place of business at: 623-5 Eopseong-dong, Cheonan-si, Chungcheongnam-do, Republic of Korea, wherein assignment has been recorded on at Reel 020625 Frame 0347

hereby assigns to Korea Kumho Petrochemical Co., Ltd., a Seoul, Republic of Korea corporation/company having a place of business at: Kumho Asiana Main Tower, 115 Sinmunno 1-Ga, Jongno-Gu, Seoul 110-857 Republic of Korea, the entire right, title and interest throughout the world in the inventions and improvements

which are subject of an application for United States Patent signed by us this day, entitled Catalyst-spreading device in a device for producing carbon nanotubes, filed on March 10, 2008, at the United States Patent and Trademark Office, under U.S. Application Serial No. 12/045,404;

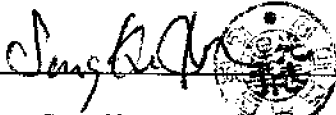
this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

SEMES CO., LTD.

Date:

October 4, 2011

Signature:



Printed Name : Sang Kwon NAM

Title : Representative Director of SEMES Co., Ltd.

Witnessed By:

Date:

October 4, 2011

Signature:

안경아

Printed Name : Jung Ah AHN

Witnessed By:

Date:

October 4, 2011

Signature:

조재승

Printed Name : Jae Seung JO