

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>Jong Nam KIM</td> <td>02/25/2013</td> </tr> <tr> <td>Jong Ho PARK</td> <td>02/25/2013</td> </tr> <tr> <td>Hee Tae BEUM</td> <td>02/25/2013</td> </tr> <tr> <td>Seong Jun LEE</td> <td>03/18/2013</td> </tr> <tr> <td>Jang Jae LEE</td> <td>03/18/2013</td> </tr> <tr> <td>Dong Wook KIM</td> <td>03/18/2013</td> </tr> <tr> <td>Chang Hyun KO</td> <td>02/25/2013</td> </tr> <tr> <td>Sang Sup HAN</td> <td>02/25/2013</td> </tr> <tr> <td>Soon Haeng CHO</td> <td>02/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jong Nam KIM	02/25/2013	Jong Ho PARK	02/25/2013	Hee Tae BEUM	02/25/2013	Seong Jun LEE	03/18/2013	Jang Jae LEE	03/18/2013	Dong Wook KIM	03/18/2013	Chang Hyun KO	02/25/2013	Sang Sup HAN	02/25/2013	Soon Haeng CHO	02/26/2013
Name	Execution Date																				
Jong Nam KIM	02/25/2013																				
Jong Ho PARK	02/25/2013																				
Hee Tae BEUM	02/25/2013																				
Seong Jun LEE	03/18/2013																				
Jang Jae LEE	03/18/2013																				
Dong Wook KIM	03/18/2013																				
Chang Hyun KO	02/25/2013																				
Sang Sup HAN	02/25/2013																				
Soon Haeng CHO	02/26/2013																				
RECEIVING PARTY DATA																					
Name:	KOREA INSTITUTE OF ENERGY RESEARCH																				
Street Address:	71-2, Jang-dong, Yuseong-gu																				
City:	Daejeon																				
State/Country:	KOREA, REPUBLIC OF																				
Postal Code:	305-343																				
Name:	SK INNOVATION CO., LTD.																				
Street Address:	99, Seorin-dong, Jongno-gu, Innovation Co., Ltd.																				
City:	Seoul																				
State/Country:	KOREA, REPUBLIC OF																				
Postal Code:	110-728																				
PROPERTY NUMBERS Total: 1																					
Property Type	Number																				
Application Number:	13819007																				
CORRESPONDENCE DATA																					

CH \$40.00 13819007

Fax Number: 7038541332
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 7038541331
Email: mail@lrkpatent.com
Correspondent Name: LRK Patent Law Firm
Address Line 1: 1952 Gallows Rd. #200
Address Line 4: Vienna, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	P10552US
NAME OF SUBMITTER:	Taeksoo Lee
Signature:	/Taeksoo Lee/
Date:	04/15/2013

Total Attachments: 4
source=P10552_ASN#page1.tif
source=P10552_ASN#page2.tif
source=P10552_ASN#page3.tif
source=P10552_ASN#page4.tif

ASSIGNMENT

WHEREAS, KIM, Jong Nam, a citizen of Republic of Korea, whose post office address is 101-1801, Hanbit Apt., Eoeun-dong, Yuseong-gu, Daejeon 305-755 (KR), PARK, Jong Ho, a citizen of Republic of Korea, whose post office address is 110-508, Lucky Hana Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-721 (KR), BEUM, Hee Tae, a citizen of Republic of Korea, whose post office address is 503-1301, Daedeok Techno Valley 5 Danji, 669, Gwanpyeong-dong, Yuseong-gu, Daejeon 305-509 (KR), LEE, Seong Jun, a citizen of Republic of Korea, whose post office address is 304-803, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761 (KR), LEE, Jang Jae, a citizen of Republic of Korea, whose post office address is 167-3, Dandae-dong, Sujeong-gu, Seongnam-si, Gyeonggi-do 461-801 (KR), KIM, Dong Wook, a citizen of Republic of Korea, whose post office address is 140-1, Wonchon-dong, Yuseong-gu, Daejeon 305-370 (KR), KO, Chang Hyun, a citizen of Republic of Korea, whose post office address is 14-808, Sujeong Apt., Dunsan-dong, Seo-gu, Daejeon 302-120 (KR), HAN, Sang Sup, a citizen of Republic of Korea, whose post office address is 309-402, Hoban Vertium Apt., Banseok Maeul 3 Danji, Jijok-dong, Yuseong-gu, Daejeon 305-330 (KR) and CHO, Soon Haeng, a citizen of Republic of Korea, whose post office address is 155-34, Hwaam-dong, Yuseong-gu, Daejeon 305-348 (KR), hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

DISPLACEMENT DESORPTION PROCESS FOR LIGHT OLEFIN SEPARATION

for which they have executed an application for Letters Patent for the United States in the United States Patent and Trademark Office even date herewith.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request Taeksoo Lee, Reg. No. 61,976 of the LRK Patent Firm, LLC, whose address is 1952 Gallows Rd. Suite 200, Vienna, Virginia 22182, to insert here in parenthesis (Application No. _____, filed _____) the filing date and application number of said application when known.

AND WHEREAS, KOREA INSTITUTE OF ENERGY RESEARCH, a corporation organized and existing under the laws of Republic of Korea, whose post-office address is 71-2 Jang-dong, Yuseong-gu, Daejeon 305-343 Republic of Korea, and SK INNOVATION CO., LTD., a corporation organized and existing under the laws of Republic of Korea, whose post-office address is 99, Seorin-dong, Jongno-gu, Innovation Co., Ltd. Seoul 110-728 (KR) are desirous of becoming joint owners with each having an equal undivided interest, and are hereinafter known as the ASSIGNEES, are desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

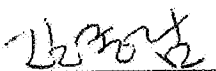
NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other

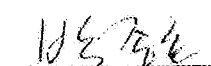
good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEES, their assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEES and their assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEES and their assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

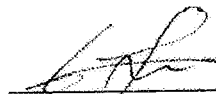
AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEES, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

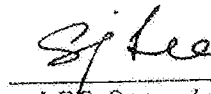
AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEES, their assigns and legal representatives, in accordance herewith.

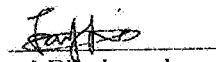
IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.


KIM, Jong Nam 2/25/2013
Date


PARK, Jong Ho 2/25/2013
Date


BEUM, Hee Tae 2/25/2013
Date

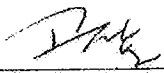

LEE, Seong Jun 2/18/2013
Date


LEE, Jang Jae 3/18/2013
Date


KIM, Dong Wook 3/18/2013
Date

Attorney Docket No.:


Page - 3 -



KO, Chang Hyun 2/25/2013
Date



HAN, Sang Sup 2/25/2013
Date



CHO, Soon Haeng 2/26/2013
Date

Witnessed by:

Date

Date

