503792558 04/20/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3839205

UBMISSION TYPE:		NEW ASSIGNMENT							
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT						
CONVEYING PARTY DA	ATA								
		Name	Execution Date						
IL HOON CHA			11/30/2015						
SUNG GI KIM			11/30/2015						
YOON CHEOL KIM			11/30/2015						
RECEIVING PARTY DA	ТА								
Name:	SK CHE	EMICALS CO., LTD.							
Street Address:	310 PANGYO-RO								
Internal Address:	BUNDA	BUNDANG-GU							
City:	SEONGNAM-SI								
State/Country:	KOREA	, REPUBLIC OF							
Postal Code:	463-400)							
PROPERTY NUMBERS Property Type	Total: 1	Number							
		Number 14860207							
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8030UI-1 and 8030UI-1-CON Page 1 of 2

Worldwide Assignment

WHEREAS, I/We II Hoon CHA, Sung GI KIM and Yoon Cheol KIM, have made an invention entitled "METHOD FOR SEPARATING VOLATILE SUBSTANCES FROM MATERIAL MIXTURES AND DEVICE FOR PRODUCING POLYARYLENE SULPHIDES" for which I/We have prepared applications for Letters Patent of the United States, or filed applications for Letters Patent of the United States on <u>October 28, 2014</u>, under Application No. <u>14/397,581</u> and on <u>September 21, 2015</u>, under Application No. <u>14/860,207</u>; and

WHEREAS, SK CHEMICALS CO., LTD. ("ASSIGNEE"), a corporation or other business entity duly registered in the State/Country of KOREA, whose address is 310 Pangyo-ro, Bundang-gu, Seongnam-si, Gyeoniggi-do 463-400 KOREA, desires to acquire the entire right, title, and interest in and to the invention, the application, and any Letters Patent to be granted for the invention in the United States and in all foreign countries;

NOW, THEREFORE, in view of good and valuable consideration, paid to me/us by ASSIGNEE, the receipt and sufficiency of which I/We acknowledge, I/We, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in and to the invention, the application, all applications claiming benefit of the application, including, but not limited to, all divisions and continuation of the application, and all Letters Patent that may be granted thereon in the United States, and in all foreign countries, and all reissues thereof, together with the right to claim priority under the International Convention in all member countries; and I/We authorize and request the Director of Patents and Trademarks to issue all Letters Patent for the invention to ASSIGNEE, its successors, legal representatives, and assigns in accordance with the terms of this Assignment;

AND I/We covenant and agree that I/We have the full right to convey the entire right, title, and interest herein assigned and that I/We have not executed and will not execute any assignment or other instrument in conflict with this Assignment;

AND I/We further covenant and agree that upon request by ASSIGNEE, its successors, legal representatives, and/or assigns, and without further consideration, I/We will do all lawful acts that may be necessary or desirable to assist ASSIGNEE, its successors, legal representatives, and/or assigns to obtain and enforce patent protection for the invention in the United States and in all foreign countries, including, but not limited to, communicate with ASSIGNEE, its successors, legal representatives, and/or assigns any facts known to me/us regarding the invention, testify in any legal proceeding, sign all lawful papers, execute and deliver all papers that may be necessary or desirable to perfect the title to the invention in ASSIGNEE, its successors, legal representatives, and/or assigns, execute all divisional, continuation, and reissue applications, and make all rightful oaths, it being understood that any expense incident to the rendering of such assistance will be borne by ASSIGNEE, its successors, legal representatives, and/or assigns;

AND I/We further hereby authorize ASSIGNEE, or its attorneys or agents, to insert the correct Application Number and filing Date into this Assignment, if none is indicated on that date of my/our execution of this agreement.

	N WITNESS	WHEREOF,	I/We hav	/e_executed	this	Assignment	ÓŊ	the	date(s)	indicated
below.	Å	M								
	\mathcal{A}									
Signatur	e:	<u>_///\.>¢</u>								
Date:		30, 201								
Full Nam	ie: II Ho	on CHA								
Address	c/o SK Che	emicals Co., L	.td.							
	310 Pangyo	-ro, Bundang	-gu, Seor	<u>gnam-si, Gy</u>	eona	<u>ai-do 463-40</u>	<u>0 K</u>	ORE	A	

8030UI-1 and 8030UI-1-CON Page 2 of 2

 $\mathfrak{B} = \{ (1,2), (2,3), (3,2)$

IN WITNESS WHEREOF, I/We have executed this Assignment on the date(s) indicated below.

- 7. 0
Signature:
Date: <u>Nov. 30, 2015</u>
Full Name:Sung Gi KIM
Address: <u>c/o SK Chemicals Co., Ltd.</u>
310 Pangvo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 463-400 KOREA
Signature: YOON Cheo/ Ken
Date: Nov. 30, 2015
Full Name:Yoon Cheol KIM
Address: <u>c/o SK Chemicals Co., Ltd.</u>
310 Pangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do 463-400 KOREA

RECORDED: 04/20/2016

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