

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2668972

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>JUN LONG</td><td>10/31/2013</td></tr> <tr><td>ZHIHONG TIAN</td><td>10/31/2013</td></tr> <tr><td>SHUANDI HOU</td><td>10/31/2013</td></tr> <tr><td>BINGTIAN ZHU</td><td>10/31/2013</td></tr> <tr><td>XUEFENG WU</td><td>10/31/2013</td></tr> <tr><td>JIUSHUN ZHANG</td><td>10/31/2013</td></tr> <tr><td>ANGUO MAO</td><td>10/31/2013</td></tr> <tr><td>ZHEMIN ZHANG</td><td>10/31/2013</td></tr> <tr><td>LUFENG LV</td><td>10/31/2013</td></tr> <tr><td>JINLONG HE</td><td>10/31/2013</td></tr> <tr><td>XUEFENG LI</td><td>10/31/2013</td></tr> <tr><td>YALIN LIU</td><td>10/31/2013</td></tr> </tbody> </table>		Name	Execution Date	JUN LONG	10/31/2013	ZHIHONG TIAN	10/31/2013	SHUANDI HOU	10/31/2013	BINGTIAN ZHU	10/31/2013	XUEFENG WU	10/31/2013	JIUSHUN ZHANG	10/31/2013	ANGUO MAO	10/31/2013	ZHEMIN ZHANG	10/31/2013	LUFENG LV	10/31/2013	JINLONG HE	10/31/2013	XUEFENG LI	10/31/2013	YALIN LIU	10/31/2013
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PROPERTY NUMBERS Total: 1																											

Property Type	Number
Application Number:	14065582

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ATTORNEY DOCKET NUMBER:	PA124.0036-US
NAME OF SUBMITTER:	HYUN WOO SHIN
Signature:	/Hyun Woo Shin/
Date:	01/06/2014

Total Attachments: 3 source=PA124.0036-US-Assignment#page1.tif source=PA124.0036-US-Assignment#page2.tif source=PA124.0036-US-Assignment#page3.tif	
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ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

**AN ADSORPTION DESULFURIZATION PROCESS FOR HYDROCARBONS
AND A REACTION APPARATUS THEREFOR**

for which I/WE executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, **CHINA PETROLEUM & CHEMICAL CORPORATION**, a corporation of CHINA, whose post office address is 22 Chaoyangmen North Street, Chaoyang District, Beijing 100728, China, and **RESEARCH INSTITUTE OF PETROLEUM PROCESSING, SINOPEC**, a corporation of CHINA, whose post office address is 18 Xueyuan Road, Haidian District, Beijing 100083, China (hereinafter referred to as Assignee), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignees is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignees, their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignees, their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignees, their successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignees, their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignees, their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignees, their successors and assigns.

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. 14/065,582, filed October 29, 2013) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR LONG, Jun	ASSIGNOR'S SIGNATURE <i>Long Jun</i>	DATE Oct 31, 2013
ADDRESS 18 Xueyuan Road, Haidian District, Beijing 100083, China		CITIZENSHIP CHINA
2. FULL NAME OF SECOND ASSIGNOR, IF ANY TIAN, Zhihong	ASSIGNOR'S SIGNATURE <i>TIAN, Zhihong</i>	DATE Oct 31, 2013
ADDRESS 18 Xueyuan Road, Haidian District, Beijing 100083, China		CITIZENSHIP CHINA
3. FULL NAME OF THIRD ASSIGNOR HOU, Shuandi	ASSIGNOR'S SIGNATURE <i>Hou shuandi</i>	DATE Oct 31, 2013
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4. FULL NAME OF FOURTH ASSIGNOR ZHU, Bingtian	ASSIGNOR'S SIGNATURE <i>ZHU, Bingtian</i>	DATE Oct 31, 2013
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5. FULL NAME OF FIFTH ASSIGNOR WU, Xuefeng	ASSIGNOR'S SIGNATURE <i>Wu, Xuefeng</i>	DATE Oct 31, 2013
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6. FULL NAME OF SIXTH ASSIGNOR ZHANG, Jiushun	ASSIGNOR'S SIGNATURE <i>Jiushun Zhang</i>	DATE Oct 31, 2013
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7. FULL NAME OF SEVENTH ASSIGNOR MAO, Anguo	ASSIGNOR'S SIGNATURE <i>Mao Anguo</i>	DATE Oct 31, 2013
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8. FULL NAME OF EIGHTH ASSIGNOR ZHANG, Zhemin	ASSIGNOR'S SIGNATURE <i>ZHANG Zhemin</i>	DATE Oct 31 Oct 31, 2013
ADDRESS 18 Xueyuan Road, Haidian District, Beijing 100083, China		CITIZENSHIP CHINA
9. FULL NAME OF NINTH ASSIGNOR LV, Lufeng	ASSIGNOR'S SIGNATURE <i>LV, Lufeng</i>	DATE Oct 31, 2013
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10. FULL NAME OF TENTH ASSIGNOR HE, Jinlong	ASSIGNOR'S SIGNATURE <i>HE, Jinlong</i>	DATE <i>Oct 31, 2013</i>
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11. FULL NAME OF TENTH ASSIGNOR LI, Xuefeng	ASSIGNOR'S SIGNATURE <i>LI, Xuefeng</i>	DATE <i>Oct 31, 2013</i>
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12. FULL NAME OF TENTH ASSIGNOR LIU, Yalin	ASSIGNOR'S SIGNATURE <i>LIU, Yalin</i>	DATE <i>Oct 31, 2013</i>
ADDRESS 18 Xueyuan Road, Haidian District, Beijing 100083, China		CITIZENSHIP CHINA