

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
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<table border="1"><tr><td>Name:</td><td>CHINA PETROLEUM & CHEMICAL CORPORATION</td></tr><tr><td>Street Address:</td><td>NO. 22, CHAOYANGMEN NORTH STREET</td></tr><tr><td>Internal Address:</td><td>CHAOYANG DISTRINCT</td></tr><tr><td>City:</td><td>BEIJING</td></tr><tr><td>State/Country:</td><td>CHINA</td></tr><tr><td>Postal Code:</td><td>100728</td></tr></table>		Name:	CHINA PETROLEUM & CHEMICAL CORPORATION	Street Address:	NO. 22, CHAOYANGMEN NORTH STREET	Internal Address:	CHAOYANG DISTRINCT	City:	BEIJING	State/Country:	CHINA	Postal Code:	100728		
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Application Number:	14017783														
CORRESPONDENCE DATA															
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ATTORNEY DOCKET NUMBER:	11834.0011-00000
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NAME OF SUBMITTER:	PAMELA A. GEBHARDTSBAUER
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Signature:	/Pamela A. Gebhardtsbauer/
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Date:	01/15/2014
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Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.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:

**CATALYSTS FOR THE OXIDATIVE DEHYDROGENATION OF BUTENE
TO BUTADIENE AND PREPARATION PROCESS THEREOF**

for which I/WE executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on September 4, 2013 (Application No. 14/017,783); and

WHEREAS, CHINA PETROLEUM & CHEMICAL CORPORATION
a corporation of China

whose post office address is No. 22 Chaoyangmen North Street, Chaoyang District, Beijing 100728, China

AND

WHEREAS, SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY SINOPEC
a corporation of China

whose post office address is No. 1658 Pudong North Road, Pudong, Shanghai 201208, China

(hereinafter referred to as Assignee), is 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 Assignee 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 Assignee, its 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 Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its 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 Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its 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 Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. FULL NAME OF SOLE OR FIRST ASSIGNOR <u>Changxi MIAO</u> ADDRESS <u>1658 Pudong North Road, Pudong, Shanghai 201208, China</u>	ASSIGNOR'S SIGNATURE <u>Changxi MIAO</u>	DATE <u>Oct 10 2013</u> CITIZENSHIP <u>China</u>
2. FULL NAME OF SECOND ASSIGNOR, IF ANY <u>Wenhai WU</u> ADDRESS <u>1658 Pudong North Road, Pudong, Shanghai 201208, China</u>	ASSIGNOR'S SIGNATURE <u>Wenhai WU</u>	DATE <u>October 10, 2013</u> CITIZENSHIP <u>China</u>

SOLE/JOINT INVENTION
(U.S. Rights Only)
Attorney Docket No. 11834.0011-00000

3. FULL NAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
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