

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3170058

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JINFU WANG	10/28/2014
QIANG TANG	10/28/2014
SHENGWEI WANG	10/07/2014
TIEFENG WANG	10/28/2014
SHUANGXI CHEN	10/07/2014
YUQIANG WANG	10/07/2014
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Name:	SHANDONG YUHUANG CHEMICAL CO., LTD.
Street Address:	WUSHENG INDUSTRY DEVELOPMENT ZONE
Internal Address:	DONGMING COUNTY
City:	SHANDONG PROVINCE
State/Country:	CHINA
Postal Code:	274512
Name:	TSINGHUA UNIVERSITY
Street Address:	NO. 1 QINGHUAYUAN
Internal Address:	HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	10084
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14589651
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PATENT	

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ATTORNEY DOCKET NUMBER:	15216-3 (0701US)
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NAME OF SUBMITTER:	JOSEPH F. HETZ
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SIGNATURE:	/Joseph F. Hetz/
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DATE SIGNED:	01/05/2015
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Total Attachments: 2

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ASSIGNMENT

WHEREAS, Jinfu Wang, Qiang Tang, Shengwei Wang, Tiefeng Wang, Shuangxi Chen, and Yuqiang Wang, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled "**FLUIDIZED BED REACTOR AND METHOD FOR PREPARING POLYOXYMETHYLENE DIMETHYL ETHERS FROM DIMETHOXYMETHANE AND PARAFORMALDEHYDE**", executed by Assignors on the same date as this Assignment;

WHEREAS, **Shandong Yuhuang Chemical Co., Ltd.**, a corporation organized and existing under the laws of China, having a place of business at Wusheng Industry Development Zone, DongMing county, Shandong Province, 274512, China; and **Tsinghua University**, a corporation organized and existing under the laws of China, having a place of business at No. 1 Qinghuayuan, Haidian District, Beijing, 10084, China, hereinafter called the "Assignees", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignees, the entire right, title and interest for the United States, its territories and possessions, in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals, extensions or reissues of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignees, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the

Assignees may elect to make covering the invention identified above; in vesting in the Assignees like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignees to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignees in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: <u>2014.10.28</u>	<u>J. Wang</u> Jinfu Wang
DATE: <u>2014.10.28</u>	<u>Qiang Tang</u> Qiang Tang
DATE: <u>2014.10.7</u>	<u>Shengwei Wang</u> Shengwei Wang
DATE: <u>2014.10.28</u>	<u>Tiefeng Wang</u> Tiefeng Wang
DATE: <u>2014.10.7</u>	<u>Shuangxi Chen</u> Shuangxi Chen
DATE: <u>2014.10.7</u>	<u>Yuqiang wang</u> Yuqiang Wang