## 504970238 06/21/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVE	YANCE:	ASSIGNMENT	
CONVEYING PARTY	/ DATA		
		Name	Execution Date
JIANPING LI			03/12/2015
JIANGANG WANG			03/12/2015
HUALIN WANG			03/12/2015
YANHONG ZHANG			03/12/2015
XIN CUI			03/12/2015
LING SHEN			03/12/2015
LIQUAN LI			03/12/2015
CHONGGANG CHEN			03/12/2015
QIAN ZENG			03/12/2015
YING ZHAO			03/12/2015
RECEIVING PARTY Name:		IGHAI HUACHANG ENVIRONMENTAL	PROTECTION CO., LTD.
Street Address:	NO. 19, LANE 188, MAOTING ROAD		
Internal Address:	SONGJIANG INDUSTRIAL ZONE		
City:	SHANGHAI		
State/Country:	CHINA		
PROPERTY NUMBE	RS Total:	1	
Property Type		Number	7
Property Ty	r:	14398059	

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.				
Phone:	6173106000			
Email:	bosipmail@gtlaw.com			
Correspondent Name:	GREENBERG TRAURIG			
Address Line 1:	ONE INTERNATIONAL PLACE			
Address Line 2:	SUITE 2000			
Address Line 4:	BOSTON, MASSACHUSETTS 02110			

ATTORNEY DOCKET NUMBER:

144872-010300/US

PATENT REEL: 046155 FRAME: 0116

504970238

NAME OF SUBMITTER:	FANG XIE	
SIGNATURE:	/Fang Xie, Reg. No. L0591/	
DATE SIGNED:	06/21/2018	
Total Attachments: 5 source=010300 - Executed Assignment#page1.tif source=010300 - Executed Assignment#page2.tif source=010300 - Executed Assignment#page3.tif source=010300 - Executed Assignment#page4.tif source=010300 - Executed Assignment#page5.tif		

#### ASSIGNMENT

WHEREAS, We, Jianping Li, Jiangang Wang, Hualin Wang, Yanhong Zhang, Xin Cui, Ling Shen, Liquan Li, Chonggang Chen, Qian Zeng and Ying Zhao have invented one or more inventions described in an application (or provisional application) for Letters Patent of the United States entitled:

### Process and Device for Treating Catalyst Discharged from Bubbling Bed Hydrogeneration of Residual Oil

## and identified by

Attorney Docket No. 144872-010300/US, and/or executed by us on even date herewith and about to be filed in the United States Patent Office;

Application No. 14/398,059 filed in the United States Patent Office (PCT/CN12/079132 filed July 25, 2012); and

WHEREAS, Shanghai Huachang Environmental Protection Co., Ltd., a corporation having a usual place of business at No. 19, Lane 188, Maoting Road, Songjiang Industrial Zone, Shanghai, China, (hereinafter "ASSIGNEE") desires to acquire an interest therein, in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEES, its successors, assigns, and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to the invention(s) described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue thereon or claim priority under United States law or international convention, including but not limited to non-provisionals, continuations, divisionals, reissues, reexaminations, extensions, and substitutions of said application or such Letters Patent, and any right, title and interest we may have in provisional applications to which said application claims priority; said invention(s), applications and Letters Patent to be held and enjoyed by said ASSIGNEES for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent, including but not limited to any cause(s) of action and damages accruing prior to this assignment. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention(s), carries with it the right in ASSIGNEES to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEES's selection and the right to procure the grant of all Letters Patent to ASSIGNEES in its own name as ASSIGNEES of our entire right, title and interest therein:

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention(s) to said ASSIGNEES, its successors, assigns, and legal representatives, but at its or their expense and charges, including the execution of non-provisional, substitution, continuation, divisional, reissue, reexamination, or corresponding foreign or international

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## PATENT REEL: 046155 FRAME: 0118

Joint Assignment Attorney Docket No. 144872-010300/US U.S. Application No. 14/398,059 Page 2 of 5

### patent applications;

AND, we hereby further agree to provide statements or testimony in any interference or other proceeding in which said invention(s) or any application or patent directed thereto may be involved;

AND, we hereby authorize ASSIGNEES or its attorneys or agents to insert the correct serial number and filing date into this assignment, if none is indicated on the date of our execution of this assignment;

AND, we hereby authorize and request the Director of the United States Patent and Trademark Office to issue such Letters Patent as shall be granted upon said application, or applications based thereon, to said ASSIGNEES, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands-and affixed our seals on the date(s) set forth below.

Inventor:

Date:

2015/03/12

WITNESS 1

Witness Signature:

Witness Name:

Witness Date:

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Joint Assignment Attorney Docket No. 144872-010300/US U.S. Application No. 14/398,059 Page 3 of 5

Jiang ang Jiangang Wang Inventor:

Date:

2015.3.12

WITNESS 1

Witness Signature: Witness Name:

Witness Date:

Inventor:

<u>Hunlin</u> Hualin Wang

2015/03/12

Janping Zhang

langing Zhang

Date:

2015 3,12

WITNESS 1

- Witness Signature:
- Witness Name:

Witness Date:

IONPING na/r 2015/03/12

Jian ping Zhang

Inventor:

<u>Yanhong</u> Zhang Yanhong Zhang

Date:

2015.211

WITNESS 1

Witness Signature: Witness Name:

janpma Jianp?ng Zhang 2015/03/12

BOS 47556896v1

Witness Date:

Joint Assignment Attorney Docket No. 144872-010300/US U.S. Application No. 14/398,059 Page 4 of 5

> X2A Cur Xin Cui

Inventor:

Date:

2015月12

## WITNESS 1

Witness Signature:

Witness Name:

Witness Date:

Inventor:

Lingshen

Date:

2015/02/12

WITNESS 1

Witness Date:

Witness Signature: Witness Name:

Jian ping 2 han Jianping 2015/03/12

Jian Ping Zhang

Jianping Zhang

2015/03/1

Inventor:

Liquan Li Liquan Li

Date:

2015/03/12

WITNESS 1

Witness Signature:	Jianping Zhang
Witness Name:	Jian ping Zhang
Witness Date:	20/5/03/12

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Inventor:

Chonggang Chen Chonggang Chen

Date:

2015/03/12

WITNESS 1

Witness Signature;

Witness Name:

Witness Date:

Jianping Jhang Jianping Zhang 2015/03/12

Inventor:

Qian Zeng

Ying Zhao Ying Zhao Date:

2015/03/12

WITNESS 1

Witness Signature:

Witness Name:

Witness Date:

Jianping Zhang Junping Zhang 2015/03/12

Jonping Thomas

2015/03/12

Jianping Zhang

Inventor:

Date:

2015/05/12

WITNESS 1

Witness Signature:

Witness Name:

Witness Date:

BOS 47556896v1

PATENT REEL: 046155 FRAME: 0122

**RECORDED: 06/21/2018**