

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHONGMIN LIU	12/16/2008
ZHIHUI LV	12/16/2008
CHANGQING HE	12/16/2008
YU LIU	12/16/2008
YUE QI	12/16/2008
XIAOJIAN MIN	12/16/2008
GONGWEI WANG	12/16/2008
XIANGAO WANG	12/16/2008
JINLING ZHANG	12/16/2008
RECEIVING PARTY DATA	
Name:	DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES
Street Address:	NO. 457 ZONGSHAN ROAD
Internal Address:	DALIAN CITY
City:	LIAONING PROVINCE
State/Country:	CHINA
Postal Code:	116023
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15936754
CORRESPONDENCE DATA	
Fax Number:	(804)344-7999
<i>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.</i>	
Phone:	8047888200
Email:	lcouch@hunton.com
Correspondent Name:	HUNTON ANDREWS KURTH LLP
Address Line 1:	951 EAST BYRD STREET
Address Line 2:	RIVERFRONT PLAZA, EAST TOWER
Address Line 4:	RICHMOND, VIRGINIA 23219-4074

ATTORNEY DOCKET NUMBER:	64045.000013
NAME OF SUBMITTER:	DAVID E. BAKER
SIGNATURE:	/David E. Baker/
DATE SIGNED:	04/03/2018
Total Attachments: 10 source=64045000013Assignment1#page1.tif source=64045000013Assignment1#page2.tif source=64045000013Assignment1#page3.tif source=64045000013Assignment1#page4.tif source=64045000013Assignment1#page5.tif source=64045000013Assignment1#page6.tif source=64045000013Assignment1#page7.tif source=64045000013Assignment1#page8.tif source=64045000013Assignment1#page9.tif source=64045000013Assignment1#page10.tif	

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Patent Assignment

This United States Patent Assignment ("Assignment") is made by and between **Zhongmin LIU, Zhihui LV, Changqing HE, Yu LIU, Yue QI, Xiaojian MIN, Gongwei WANG, Xiangao WANG,** and **Jinling ZHANG**, a citizen of the People's Republic of China with an address of No.457 Zhongshan Road, Dalian City, Liaoning Province, 116023 P.R.China (collectively, the "Assignors").

Recitals:

Whereas, Assignors are the owners of the Patent Application listed below ("PATENT APPLICATION"):

A Process for Starting up a Fluidized Catalytic Reaction Apparatus Used for Producing Lower Olefins

Whereas, Assignors own the entire right, title and interest in and to the PATENT APPLICATION and the invention therein disclosed and claimed (collectively, the "PATENT APPLICATION AND INVENTION"), and have the unrestricted right to sell, assign and transfer such PATENT APPLICATION AND INVENTION; and

Whereas, **Dalian Institute of Chemical Physics, Chinese Academy of Sciences**, a Chinese institution, having a place of business at No.457 Zhongshan Road, Dalian City, Liaoning Province, 116023 P.R.China (the "Assignees"), desire to acquire the entire right, title and interest in and to the PATENT APPLICATION AND INVENTION.

Assignment.

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged as having previously been received, Assignors have sold and hereby sell, assign, transfer and convey unto Assignees, their successors and assigns the Assignors' entire right, title and interest in and to the PATENT APPLICATION AND INVENTION and in and to any and all applications based thereon including all continuations, continuations-in-part, continuing prosecution applications, or divisions thereof, and in and to all letters patent of the United States of America and all countries foreign thereto and reissues and extensions thereof which may be granted from the PATENT APPLICATION AND INVENTION, for the full term of the letters patent, together with the right to claim the priority of any patent application included therein, to be held and enjoyed by the Assignees, their successors and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignors if this assignment and sale had not been made.

Assignors also hereby sell, assign, transfer and convey unto Assignees, their successors and assigns the right to sue for any and all infringement of the PATENT APPLICATION occurring prior to the date of this Assignment.

Assignors covenant and agree, on their own behalf and on behalf of their successors and assigns, without further compensation, to promptly at any time upon the request of the Assignees, their successors

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and assigns, provide such further information and execute such further assignments and documents and do all lawful acts with respect to the PATENT APPLICATION AND INVENTION that may be necessary or desirable to perfect title in the Assignees, their successors or assigns, and to assist in obtaining patents relating to the PATENT APPLICATION AND INVENTION, or in any interference proceedings or for any divisions, continuations or continuation-in-part patent applications relating to the PATENT APPLICATION AND INVENTION.

Assignors warrant and represent to Assignees that Assignors have full and unencumbered legal and equitable title to the PATENT APPLICATION AND INVENTION and have not granted any rights in the PATENT APPLICATION AND INVENTION to any other person, firm, corporation or entity.

Witness the following signature, made as of the date set forth.

Assignor:

Zhongmin LIU

Zhongmin LIU

Date:

2008.12.16

Before me personally appeared Liaoning, China, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 16 day of 12, 2008.

Wei Du

Witness Wei DU

Attorney Docket No. _____
Attorney Customer No. _____

Assignor:

Zhihui LV
Zhihui LV

Date: 2008.12.16

Before me personally appeared Liaoning, China, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 16 day of 12, 2008.

Wei Du

Witness Wei DU

Attorney Docket No. _____
Attorney Customer No. _____

Assignor:

Changqing He
Changqing HE

Date: 2008.12.16

Before me personally appeared Liaoning, China, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 16 day of 12, 2008.

Wei Du
Witness Wei DU

Attorney Docket No. _____
Attorney Customer No. _____

Assignor:

Yu Lin
Yu LIU

Date: 2008.12.16

Before me personally appeared Liaoning, china, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 16 day of 12, 2008.

Wei Du
Witness Wei DU

Attorney Docket No. _____
Attorney Customer No. _____

Assignor:

Yue Cai
Yue QI

Date: Dec. 16 2008

Before me personally appeared Liaoning, China, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 16 day of 12, 2008.

Wei Du
Witness Wei DU

Attorney Docket No. _____
Attorney Customer No. _____

Assignor:

Xiaojian Min
Xiaojian MIN

Date: 2008.12.16

Before me personally appeared Liaoning, China, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 16 day of 12, 2008.

Wei Du
Witness Wei DU

Attorney Docket No. _____
Attorney Customer No. _____

Assignor:

Gongwei Wang

Gongwei WANG

Date: 2008. 12. 16

Before me personally appeared Liaoning, China, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 16 day of 12, 2008.

Wei Du

Witness Wei DU

Attorney Docket No. _____
Attorney Customer No. _____

Assignor:

Xiangao Wang
Xiangao WANG

Date: 2008.12.16

Before me personally appeared Liaoning, China, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 16 day of 12, 2008.

Wei Du
Witness Wei DU

Attorney Docket No. _____
Attorney Customer No. _____

Assignor:

Zhang Jinling
Jinling ZHANG

Date: 2008.12.16

Before me personally appeared Liaoning, China, to me known to be the person described in and who executed the foregoing instrument; and he acknowledged to me that he executed the same for the purpose therein stated, this the 16 day of 12, 2008.

Wei Du
Witness Wei DU