

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3630008

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUN XU	11/03/2015
SONGYUAN GU	11/03/2015
SIQING ZHONG	11/03/2015
YONGMING JIN	11/03/2015
ZHINAN YU	11/03/2015
GUOZHEN QI	11/03/2015
XIAOHONG LI	11/03/2015

RECEIVING PARTY DATA

Name:	CHINA PETROLEUM & CHEMICAL CORPORATION
Street Address:	NO. 22 CHAOYANGMEN NORTH STREET
Internal Address:	CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100728
Name:	SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY SINOPEC
Street Address:	NO. 1658 PUDONG NORTH ROAD
Internal Address:	PUDONG
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	201208

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14881605

CORRESPONDENCE DATA

Fax Number: (703)836-2021

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: 703-836-6620

Email: stacey.pflieger@bipc.com

PATENT

Correspondent Name: BUCHANAN INGERSOLL & ROONEY
Address Line 1: 1737 KING STREET
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER: 0079521-000014

NAME OF SUBMITTER: STACEY PFLIEGER

SIGNATURE: /StaceyPflieger/

DATE SIGNED: 11/24/2015

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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COMBINED DECLARATION AND ASSIGNMENT (JOINT)

As one of the below named inventors, I hereby declare that this Declaration is directed to:

- (1) U.S. application number 14/881,605 filed on October 13, 2015, entitled SEPARATION DEVICE FOR USE IN FLUIDIZED BED REACTOR, REACTION REGENERATION APPARATUS AND PROCESS FOR PREPARING OLEFINS, AND PROCESS FOR PREPARING AROMATIC HYDROCARBONS; or
- (2) the attached application entitled _____.

DECLARATION

As one of the below named inventors, I further declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

THIS ASSIGNMENT, by the undersigned inventors (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in the application for Letters Patent of the United States identified above;

WHEREAS, **1) CHINA PETROLEUM & CHEMICAL CORPORATION**, a corporation duly organized under and pursuant to the laws of China and having a principal place of business at No. 22 Chaoyangmen North Street, Chaoyang District, Beijing 100728, China, and **2) SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY SINOPEC**, a corporation duly organized under and pursuant to the laws of China and having a principal place of business at No. 1658 Pudong North Road, Pudong, Shanghai 201208, China, respectively (hereinafter referred to as "the Assignees"), are desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignees, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignees, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignees, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignees, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignees, its successors, legal representatives, and assigns, but at the cost and expense of the Assignees, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignees as the Assignees of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignees, its successors, legal representatives, and assigns.

November 3, 2015
Date

Jun XU
Name

Jun Xu
Signature

November 3, 2015
Date

Songyuan GU
Name

Songyuan Gu
Signature

November 3, 2015
Date

Siqing ZHONG
Name

Siqing Zhong
Signature

November 3, 2015
Date

Yongming JIN
Name

Yongming Jin
Signature

November 3, 2015
Date

Zhinan YU
Name

Zhinan Yu
Signature

November 3, 2015
Date

Guozhen QI
Name

Guozhen Qi
Signature

November 3, 2015
Date

Xiaohong LI
Name

Xiaohong Li
Signature