

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIONGHOU GAO	02/22/2018
SHUHONG SUN	02/22/2018
YUNFENG ZHENG	02/22/2018
XIAOLIANG HUANG	02/22/2018
AIGUO LIN	02/22/2018
XIAOYAN LI	02/22/2018
LIN WANG	02/22/2018
GENGZHEN CAO	02/22/2018
CONGHUA LIU	02/22/2018
ZHISHUANG PAN	02/22/2018
WEI DING	02/22/2018
YAHONG WANG	02/22/2018
DONG WANG	02/22/2018
QIUXIA TENG	02/22/2018
HAITAO ZHANG	02/22/2018

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Internal Address:	DONGCHENG DISTRICT
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State/Country:	CHINA
Postal Code:	100007

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15750403

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ATTORNEY DOCKET NUMBER:	5253.1011-001
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DATE SIGNED:	02/26/2018
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Total Attachments: 6

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ASSIGNMENT

WHEREAS, we, **Xionghou Gao, Shuhong Sun, Yunfeng Zheng, Xiaoliang Huang, Aiguo Lin, Xiaoyan Li, Lin Wang, Gengzhen Cao, Conghua Liu, Zhishuang Pan, Wei Ding, Yahong Wang, Dong Wang, Qiuxia Teng and Haitao Zhang**, have invented a certain improvement in **Preparation Method for Modified Molecular Sieve and Modified Molecular Sieve-Containing Catalytic Cracking Catalyst** described in an application for Patent,

- ☐ the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- ☐ is about to be filed in the United States Patent Office as a Provisional Application;
- ☐ the specification of which is United States Application No. [], filed [];
- ☒ the specification of which is a Patent Cooperation Treaty Application, International Application No. **PCT/CN2016/093184**, filed **August 4, 2016**, which designates the United States of America;
- ☐ which was patented under United States Patent No. [].

WHEREAS, **PetroChina Company Limited** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **Peoples Republic of China**, and having a usual place of business at **9 Dongzhimen North Street, Dongcheng District, Beijing, P.R. China 100007** desires to confirm its 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 ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE 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 rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for any and all related provisional and nonprovisional, international and national phase applications, including any and all substitution, reissue, divisional, continuation, and continuation-in-part applications, and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest

therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

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 to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

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