PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QINGJIE GE	07/02/2018
JIAN WEI	07/02/2018
HENGYONG XU	07/02/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16069262

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NAME OF SUBMITTER:	ENSHAN HONG
SIGNATURE:	/Enshan Hong/
DATE SIGNED:	07/11/2018

Total Attachments: 3

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PATENT REEL: 046318 FRAME: 0475

Attorney Docket Number: 1699-001-010pus

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned, Qingjie GE, Jian WEI, and Hengyong XU (hereinafter referred to as "ASSIGNOR"):

PHYSICS, CHINESE ACADEMY OF SCIENCES, (hereinafter referred to as "ASSIGNEE"), an institute of China, having a place of business at No. 457 Zhongshan Road, 116023 Dalian, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent, which is the U.S. national stage application of International PCT Application No. PCT/CN2017/095133, filed on July 31, 2017, and which is entitled

METHOD FOR DIRECT PRODUCTION OF GASOLINE-RANGE HYDROCARBONS FROM CARBON DIOXIDE HYDROGENATION

and in and to said application and all provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;

Agree that said Assignce may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at the expense of said Assignce, its successors, assigns and legal representatives, to carry out in good

PATENT REEL: 046318 FRAME: 0476 faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 07/02/2018

month/day/year

Onge Ge

Qingjie GE

Witness

Ohiransa

Witness

Date:	07/02/2018	Jian Wei
	month/day/year	Jian WEI
		Suhar
		Witness
		Chuanyan Fang
		Witness
Date:	07/02/2018	Hengyong XU
	month/day/year	Hengyong XU
		_Sm. Lan
		Witness

Note: Signature of a witness is preferable, but not required.