

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHOUXIANG MARK MA	06/27/2018
RECEIVING PARTY DATA	
Name:	SAUDI ARABIAN OIL COMPANY
Street Address:	1 EASTERN AVENUE
City:	DHAHRAN
State/Country:	SAUDI ARABIA
Postal Code:	31311
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16466920
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	074263.1892
NAME OF SUBMITTER:	CRYSTLE GARBADE
SIGNATURE:	/Crystle Garbade/
DATE SIGNED:	06/05/2019
Total Attachments: 2	
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ASSIGNMENT

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WHEREAS, We, the undersigned joint inventors of residence as listed, have invented certain new and useful improvements as below entitled, for which application for Letters Patent is made; said application having been executed; and

WHEREAS, SAUDI ARABIAN OIL COMPANY, (hereinafter referred to as "Assignee"), a Saudi Arabian corporation with its principal address at 1 Eastern Avenue, Dhahran, 31311, Saudi Arabia, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to the said invention and in and to the said patent application, and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interests are concerned, to Assignee.

We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

ASSIGNMENT

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This Assignment shall be binding on the party's successors, assigns and legal representatives.

Title of Invention: INTRINSIC GEOLOGICAL FORMATION CARBON TO OXYGEN RATIO MEASUREMENTS

Signature of Inventor:
Inventor's Name:

Shouxiang Mark Ma
Shouxiang Mark Ma

Date:

6/27/2018

Residence:

540 Safaniya Dr.
Dhahran, Saudi Arabia, 31311

The Assignee hereby acknowledges and accepts the foregoing assignment:

Assignee: SAUDI ARABIAN OIL COMPANY

Signature: [Signature]

Date: JUNE 27, 2018

Name: MELTON E. KNOTTS

Title: ASSOCIATE GENERAL COUNSEL AND ASSISTANT CORPORATE SECRETARY

Saudi Arabia: Confidential

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