

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7451350

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HASMUKE A. PATEL	08/24/2020
CARL THAEMLITZ	08/24/2020
RECEIVING PARTY DATA	
Name:	ARAMCO SERVICES COMPANY
Street Address:	1200 SMITH STREET
Internal Address:	TWO ALLEN BUILDING
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77002
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17873392
CORRESPONDENCE DATA	
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<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>	
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Correspondent Name:	DINSMORE & SHOHL LLP
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ATTORNEY DOCKET NUMBER:	SA6899/SA 6586 VA
NAME OF SUBMITTER:	SARAH WILSON
SIGNATURE:	/Sarah Wilson/
DATE SIGNED:	07/26/2022
Total Attachments: 4	
source=Signed Assignment - Inventors to ASC#page1.tif	
source=Signed Assignment - Inventors to ASC#page2.tif	
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source=Signed Assignment - Inventors to ASC#page4.tif	

ASSIGNMENT

WHEREAS, we, **Hasmukh A. Patel** of Katy, Texas and **Carl Thaemlitz** of Cypress, Texas, hereinafter called the *ASSIGNORS*, invented certain new and useful CATIONIC NITROGEN-CONTAINING HETEROCYCLES AND THEIR APPLICATION IN WELLBORE STABILITY, for which the *ASSIGNORS* executed a United States Non-Provisional Patent Application, filed on August 27, 2020, under

Patent Application Serial No.: 17/004,563;
Attorney Docket No.: SA6586/ASC0501-US01-NP/SA 6586 PA;

WHEREAS, the *ASSIGNORS* hereby authorize and request the attorney(s) and/or agent(s) recording the present assignment, to insert above the filing date and application number of said application, when known;

WHEREAS, **Aramco Services Company**, a Company in the State of Texas, with a place of business at 1200 Smith Street, Two Allen Building, Houston, Texas 77002, hereinafter called the *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

AND, WHEREAS, it is the intent of the *ASSIGNORS* to assign all rights, including but not limited to all substantive rights as well as the (future) right to claim priority and the right to be granted a patent in any and all PCT Contracting States to the above referenced application to the Assignee;

NOW, THEREFORE, in consideration of the sum of One Dollar (US \$1.00) or other good and valuable consideration, the receipt of which is hereby acknowledged, *ASSIGNORS* hereby sell, assign and transfer unto said *ASSIGNEE*, its successors and assigns, the entire right, title and interest, including the right to sue for past infringement, if any, and the right to claim priority, in and to said application, the inventions therein disclosed, and any improvements thereon, and in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possession, in any and all foreign countries, including without limit all PCT Contracting States, all GCC Member States, and in and to any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof, and any other applications claiming priority thereto;

ASSIGNORS hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all foreign countries, to issue, when granted, any and all Letters Patents thereon, and reissues thereof, to said *ASSIGNEE* as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of said *ASSIGNEE* and said *ASSIGNEE's* successors and assigns, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held by *ASSIGNORS* had this assignment and sale not been made; and

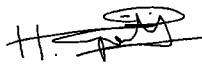
[SA6586/ASC0501-US01-NP/SA 6586 PA]

ASSIGNORS hereby authorize said *ASSIGNEE*, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and

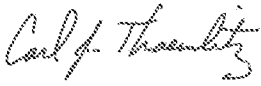
ASSIGNORS hereby does agree that, upon request, *ASSIGNORS* will sign all papers, and make all rightful oaths, and do all acts which said *ASSIGNEE*, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

ASSIGNORS:

IN WITNESS WHEREOF, the *ASSIGNORS* have hereunto set his hand and seal.

<i>Inventor 1: Hasmukh A. Patel</i>	
Signed:	 _____
Date:	08/24/2020

[SA6586/ASC0501-US01-NP/SA 6586 PA]

<i>Inventor 2: Carl Thaemlitz</i>	
Signed:	 _____
Date:	24 August 2020

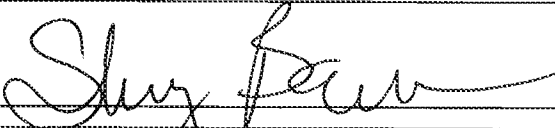
ACCEPTANCE OF ASSIGNMENT

WHEREAS, from time to time, ASSIGNORS named as inventors in particular United States Patent Applications including those inventors named in the ASSIGNMENT attached hereto, will assign particular rights in the patent application, and related patent applications, to the ASSIGNEE, where the ASSIGNEE is Aramco Services Company, a Company in the State of Texas, with a place of business as 1200 Smith Street, Two Allen Building, Houston, Texas 77002;

WHEREAS, the ASSIGNEE hereby authorizes and requests the attorneys and/or agents of the law firm of Dinsmore & Shohl LLP recording the aforementioned ASSIGNMENT, to insert the particular application number, filing date, and attorney docket number of the particular patent application that is the subject of the aforementioned ASSIGNMENT below;

Application Data:	
Application Number:	17/004,563
Filing Date:	August 27, 2020
Attorney Docket No.	SA6586/ASC0501-US01-NP/SA6586PA

AND, WHEREAS, ASSIGNEE hereby accepts and receives the aforementioned ASSIGNMENT upon execution by ASSIGNOR, which execution may precede or follow ASSIGNEE'S execution below:

Assignee: Aramco Services Company	
Signed:	
Printed Name:	Bobby J. HORTON
Title:	General Counsel & Corporate Secretary
Date:	May 16, 2019
Witness:	
Signed:	
Printed Name:	Sherry Baner
Title:	Secretary
Date:	5/16/2019