505047015 08/13/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5093769

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMEEH ISSA BATARSEH	08/06/2018

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:	16056669

CORRESPONDENCE DATA

Fax Number: (617)502-5002

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: 617-248-5000

Email: PatentDocket@choate.com

Correspondent Name: CHOATE HALL & STEWART LLP-PATENT DOCKET

Address Line 1: TWO INTERNATIONAL PLACE

Address Line 4: BOSTON, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	2012738-0060
NAME OF SUBMITTER:	PAUL A. PYSHER
SIGNATURE:	/Paul A. Pysher/
DATE SIGNED:	08/13/2018

Total Attachments: 5

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PATENT 505047015 REEL: 046622 FRAME: 0831

COMBINED ASSIGNMENT & DECLARATION

A. ASSIGNMENT

WHEREAS, I, Sameeh Issa Batarseh of Dhahran, Saudi Arabia, am aware of the patent application entitled:

	prepared for filing in the Unit	ed States Patent and T	rademark Office; or	
	x identified by United States Ar	oplication No.	16/056,669	
filed	x identified by United States Ar in the United States Patent and Tru	demark Office on	August 7, 2018	; 88%
filed	and is also aware of the follow	ving priority applicati	ons:	
	Application No.		Filed	

WHEREAS, Saudi Arabian Oil Company (hereinafter "ASSIGNEE"), having a usual place of business at 1 Eastern Avenue, Dhahran 31311, SAUDI ARABIA, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in consideration of agreements previously and duly entered into between the parties, and/or for other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned, and transferred and/or do hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to any and all inventions described in the patent application, and/or any priority applications noted above, including any right of priority thereto; and hereby confirm that my sale, assignment and transfer is and was effective at least as of the filing date of the patent application and/or priority application. My sale, assignment and transfer applies to the above-referenced patent application, and to any application that is based in whole or in part on the patent application, including any divisional, continuing, substitute, renewal, reissue, reexamination and other applications, for example that claim priority to the patent application. Also, this sale, assignment and transfer pertains to any and all other rights arising under or pursuant to any and all international agreements, treaties, or laws relating to the protection of industrial property, including all rights of priority under the

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International Convention for the Protection of Industrial Property, and in and to any such patent(s) as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and patent(s) to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said patent(s) may be granted as fully and entirely as the same would have been held by me had this sale, assignment and transfer not been made:

AND, I hereby acknowledge that this Assignment, being of my entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive any and all patent(s) for said inventions in its own name;

AND, I hereby further agree for myself and my 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 patent(s) to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts I know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for alding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE:

- AND, I further hereby authorize ASSIGNEE or its attorneys or agents to insert the correct application number(s) and/or filing date(s) into this assignment document, if appropriate;
- AND, I hereby appoint ASSIGNEE as my common agent for purposes of prosecuting international patent applications and any national patent applications for which such common agency is recognized;
- AND, I hereby request the Commissioner for Patents of the United States Patent and Trademark Office to issue any and all patent(s) as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;
- AND, I covenant with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

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33.	DECL	ARA	TION	(37	CFR	1.63)

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

LASER TOOL CONFIGURED FOR DOWNHOLE BEAM GENERATION; and

 <u>x</u> attached hereto or prepared for filing in the United States Pate Office; or 	nt and Trademark
identified by United States Application No.	
filed in the United States Patent and Trademark Office on	OY
identified by International Patent Application No.	
The above-identified application was made or authorized to be mad	e by me.
I believe that I am the original inventor or an original joint invention in the application.	nventor of a claimed
I hereby acknowledge that any willful false statement made punishable under 18 U.S.C. 1001 by fine or imprisonment of not more	in this declaration is than five (5) years, or

I have reviewed and understand the contents of the application, including the claims and am aware of the duty to disclose to the United States Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR 1.56.

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both.

Signature:			3	Date:	8/6/2018
	Sameeb Issa B	atarseb			······
Witness Si	gnature:	<u> </u>			
Witness Me	ima (neimadir	lar.	a Accivi		

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PATENT REEL: 046622 FRAME: 0835

Docket No.	2012738-00)60	
	(SA	2114)

POWER OF ATTORNEY AND ACCEPTANCE BY ASSIGNEE

I hereby appoint the attorneys associated with United States Patent & Trademark Office Customer Number 148219 (as that term is used in 37 C.F.R. 1.32(a)(5)) as my/our attorneys for the purpose of accepting assignments in any jurisdiction in which acceptance by Saudi Arabian Oil Company as ASSIGNEE is necessary or desirable. I also hereby authorize the attorneys associated with Customer Number 148219 to insert any information necessary or desirable to

associated with Customer Number 146219 to insert any information necessary or desnable to
identify the subject matter of the assignment into this Acceptance by Assignee (including, but
not limited to, docket number, SA reference and/or application number). I declare under penalty
of perjury under the laws of the United States of America, and under penalty of the laws of any
other jurisdiction before which this document may be presented, that (check all that apply):
x I am an officer of the above-identified ASSIGNEE.
$\boxed{\mathbf{x}}$ I have signed this document on behalf of ASSIGNEE with the full authority of its board of directors
and that all of the foregoing is true and correct.
SIGNATURE DATE: June 10, 2018
NAME: Melton E. Knotts
TITLE: Assistant Corporate Secretary
COMPANY: Saudi Arabian Oil Company
I declare under penalty of perjury under the laws of the United States of America, and
under penalty of the laws of any other jurisdiction before which this document may be presented.
that I am an attorney associated with Customer Number 148219; and, based on the foregoing
Power of Attorney, I hereby accept this assignment on behalf of Saudi Arabian Oil Company
as ASSIGNEE.
SIGNATURE: /Paul Pysher/ DATE: August 6, 2018
A1994000
NAME: Paul Pysher USPTO REG. NO.: 40,780
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RECORDED: 08/13/2018

PATENT REEL: 046622 FRAME: 0836