

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4765005

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNEE SDG LLC NAME AND ADDRESS previously recorded on Reel 040007 Frame 0077. Assignor(s) hereby confirms the ASSIGNEE TO READ: SDG LLC C/O CORPORATE DIRECT, INC., 2248 MERIDIAN BOULEVARD, SUITE H., MINDEN, NEVADA 89423.	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JOSHUA A. GILBRECH	10/10/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HALLIBURTON ENERGY SERVICES, INC.	
<b>Street Address:</b>	3000 N. SAM HOUSTON PARKWAY E.	
<b>City:</b>	HOUSTON	
<b>State/Country:</b>	TEXAS	
<b>Postal Code:</b>	77032-3219	
<b>Name:</b>	CHEVRON U.S.A. INC.	
<b>Street Address:</b>	6001 BOLLINGER CANYON ROAD	
<b>City:</b>	SAN RAMON	
<b>State/Country:</b>	CALIFORNIA	
<b>Postal Code:</b>	94583	
<b>Name:</b>	SDG LLC	
<b>Street Address:</b>	C/O CORPORATE DIRECT, INC.	
<b>Internal Address:</b>	2248 MERIDIAN BOULEVARD, SUITE H.	
<b>City:</b>	MINDEN	
<b>State/Country:</b>	NEVADA	
<b>Postal Code:</b>	89423	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	<b>PCT Number:</b>	US2016056778
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(512)322-8383	
<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>		
<b>Phone:</b>	5123222592	

<b>Email:</b>	apatent@bakerbotts.com
<b>Correspondent Name:</b>	PAULA D. HEYMAN
<b>Address Line 1:</b>	98 SAN JACINTO BLVD.
<b>Address Line 2:</b>	SUITE 1500
<b>Address Line 4:</b>	AUSTIN, TEXAS 78701

<b>ATTORNEY DOCKET NUMBER:</b>	074263.1317
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<b>NAME OF SUBMITTER:</b>	CATHERINE RILEY
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<b>SIGNATURE:</b>	/CER/
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<b>DATE SIGNED:</b>	01/08/2018
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	This document serves as an Oath/Declaration (37 CFR 1.63).
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**Total Attachments: 3**

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## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4095775

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOSHUA A. GILBRECH	10/10/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HALLIBURTON ENERGY SERVICES, INC.
<b>Street Address:</b>	3000 N. SAM HOUSTON PARKWAY E.
<b>City:</b>	HOUSTON
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	77032-3219
<b>Name:</b>	CHEVRON U.S.A. INC.
<b>Street Address:</b>	6001 BOLLINGER CANYON ROAD
<b>City:</b>	SAN RAMON,
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94583
<b>Name:</b>	SDG, LLC.
<b>Street Address:</b>	ONE MIFFLIN PLACE
<b>Internal Address:</b>	SUITE 400
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02138
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>PCT Number:</b>	US1656778
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(512)322-8383
<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>	
<b>Phone:</b>	512.322.2555
<b>Email:</b>	apatent@bakerbotts.com
<b>Correspondent Name:</b>	PAULA D. HEYMAN
<b>Address Line 1:</b>	BAKER BOTTS L.L.P.
<b>Address Line 2:</b>	98 SAN JACINTO BLVD., STE. 1500

PATENT

REEL: 045021 FRAME: 0877

ATTORNEY DOCKET  
074263.1317  
2015-IPM-098472 UI PCT

PATENT APPLICATION

ASSIGNMENT

WHEREAS, I, the undersigned sole inventor of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made; said application having been executed; and

WHEREAS, HALLIBURTON ENERGY SERVICES, INC., (hereinafter referred to as "Halliburton"), a Delaware corporation with its principal address at Halliburton Energy Services, Inc., 3000 N. Sam Houston Parkway E., Houston, TX 77032-3219, United States of America,

CHEVRON U.S.A. INC., (hereinafter referred to as "Chevron"), a corporation with its principal address at Chevron U.S.A. Inc., 6001 Bollinger Canyon Road, San Ramon, CA, 94583, United States of America, and ~~SDG LLC (hereinafter referred to as "SDG"), a corporation with its principal address at c/o Corporate Direct, Inc., 2248 Meridian Boulevard, Suite H, Minden, Nevada 89423, SDG, LLC (hereinafter referred to as "SDG"), a corporation with its principal address at SDG, LLC, One Nathan Place, Suite 400, Cambridge, MA 02142.~~ (Halliburton, Chevron, and SDG are hereinafter referred to as "Assignees")

together desire to acquire and jointly own our 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, I assign to Assignees, all right, title and interest in and to the said invention and in and to the said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I 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 Assignees.

I also assign to Assignees, 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 I 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 Assignees.

Initial

Date

1/2/2018

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PATENT APPLICATION

ASSIGNMENT

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I will communicate to Assignees any facts known to me respecting any improvements; and, at the expense of Assignees, 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 Assignees and to aid Assignees to obtain and enforce proper protection for said invention in all countries.

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

Title of Invention:

RESONANT TRANSFORMER FOR  
DOWNHOLE ELECTROCRUSHING DRILLING

Signature of Inventor:

Inventor's Name:

Residence (City, County, State)

  
Joshua A. Gilbrech

Allamogusque, Bernalillo County, New Mexico

Date Executed:

10/10/2016

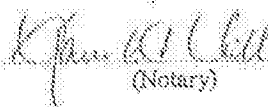
STATE OF NEW MEXICO )

)

COUNTY OF BERNALILLO )

Before me personally appeared said Joshua A. Gilbrech and acknowledged the foregoing instrument to be his free act and deed this 10th day of October, 2016.



  
(Notary)

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