PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GLENN ANDREW WILSON	10/29/2015
YIJING FAN	10/28/2015
PAUL COOPER	11/02/2015
MATTHEW HUI CHONG	10/28/2015

RECEIVING PARTY DATA

Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032-3219

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15762153

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1560-044501
NAME OF SUBMITTER:	DANIEL MASTERS
SIGNATURE:	/dlm/
DATE SIGNED:	03/22/2018

Total Attachments: 5

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PATENT REEL: 045320 FRAME: 0335 504832898

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PATENT REEL: 045320 FRAME: 0336

ASSIGNMENT

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned inventor(s), for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Glenn Andrew WILSON, Yijing FAN, Paul COOPER, and Matthew Hui CHONG, having made an invention in "CONDUCTIVITY-DEPTH TRANSFORMS OF ELECTROMAGNETIC TELEMETRY SIGNALS", while in the employment of HALLIBURTON ENERGY SERVICES, INC., a corporation organized and existing under the laws of the State of Delaware, doing business at 3000 N. Sam Houston Parkway E, Houston, Texas 77032, (sometimes hereinafter called "ASSIGNEE"), do hereby ASSIGN, SELL and CONVEY to said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to:

1. Said invention in "CONDUCTIVITY-DEPTH TRANSFORMS OF ELECTROMAGNETIC TELEMETRY SIGNALS";

- 2. The International PCT Patent Application on said invention, filed concurrently herewith or as PCT Patent Application No. <u>PCT/US2015/059075</u>, filed Nov 4, 2015 ____, (Attorney's File No. 1392-083.00; attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled "CONDUCTIVITY-DEPTH TRANSFORMS OF ELECTROMAGNETIC TELEMETRY SIGNALS";
- 3. All applications for patent or like protection on said invention that have now been or may in the future be made by us or our legal representatives, whether in the United States of America or any other place anywhere in the world;
- 4. All patents and like protection that have now been or may in the future be granted on said invention to us or our legal representatives, whether in the United States of America or in any other country or place anywhere in the world;
- 5. All substitutions for and divisions, continuations, continuations-in-part, renewals, reissues, extensions, and the like of said applications and patents and like grants, including without limitations, those obtained or permissible under past, present and future law and statutes;
- 6. All rights of action on account of past, present and future unauthorized use of said invention for infringement of said patents and like protection;
- 7. The right to ASSIGNEE to file in its name applications for patents and like protection for said invention in any country or countries foreign to the United States; and
- 8. All international rights of priority associated with said invention, applications, patents and like protection; and
- I (or We) covenant that I (or We), my (our) heirs, legal representatives, assigns, administrators, and executors will at the expense of ASSIGNEE, its successors and assigns, execute all papers and perform such other acts as may be reasonably necessary to give ASSIGNEE, its successors and assigns, the full benefit of this Assignment.

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EXECUTED on the 29th day of October, 2015.
guil
Glenn Andrew WILSON
BEFORE ME , on this day personally appeared Glenn Andrew WILSON , known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.
Witness Signature
Anna Shuilpe Witness Printed Name
29th Oct 2015
Date

2015-IPM-099227 PCT / 1392-083.00

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EXECUTED on the 28 day of 00t	, 2015.
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Yijin	g FAN
BEFORE ME , on this day personally appeared person whose name is subscribed to the foregoin that he executed the same for the purposes and cor	g instrument, and acknowledged to me
	Matthew Chong
	Witness Printed Name
· · · · · · · · · · · · · · · · · · ·	<u>/0/28/2015</u>

EXECUTED at HARRIS County, Tx, on the 2nd day of November, 2015.
Paul COOPER
Paul COOPER /
STATE OF TEXAS § COUNTY OF HARRIS §
BEFORE ME, the undersigned authority, on this day personally appeared Paul COOPER, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.
GIVEN UNDER my hand and seal of office, this the Anday of NONCAL2015.
[SEAL] ORIENCIA M. ROSALES Notary Public. State of Texas My Commission Expires November 05. 2017 Notary Public
My Commission Expires: NOV.5, 2011

EXECUTED at Hazzs County, , on the 28 day of October, 2015		
	_	
Matthew Hui CHONG		
STATE OF TOXAS S COUNTY OF HARLIS S		
BEFORE ME, the undersigned authority, on this day personally appeared Matthew Hui CHONG, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.		
GIVEN UNDER my hand and seal of office, this the Aday of Chock 2015.		
SEAL ORIENCIA M. ROSALES Notary Public, State of Texas My Commission Expires November 05, 2017 Notary Public	*	
My Commission Expires: Nov. 5, 2017		