PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5529833

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL BITTAR	12/07/2016
HSU-HSIANG WU	12/08/2016
JIN MA	12/08/2016

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:	16462162

CORRESPONDENCE DATA

Fax Number:

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: 2819624503

Email: dmasters@ctumeylawgroup.com

Correspondent Name: C. TUMEY LAW GROUP PLLC - HES C. TUMEY L

Address Line 1: PO BOX 890226

Address Line 4: HOUSTON, TEXAS 77062-9998

ATTORNEY DOCKET NUMBER:	1560-084003	
NAME OF SUBMITTER:	DANIEL MASTERS	
SIGNATURE: /dlm/		
DATE SIGNED:	05/17/2019	

Total Attachments: 6

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PATENT 505483029 REEL: 049215 FRAME: 0876

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PATENT REEL: 049215 FRAME: 0877

As	the below named inventor, I hereby declare that:			
Th	is declaration is directed to:			
\boxtimes	The attached application to be filed as a United States application or PCT			
	international application, or			
	United States application or PCT international application number			
	; and,			
Entitled:				
	D SOFT MAGNETIC INSERTS AND SLOTTED SHIELD DESIGNS FOR COIL ANTENNAS			

Regarding that application, I declare the following:

- The above-identified application was made, or authorized to be made, by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Moreover, Whereas, HALLIBURTON ENERGY SERVICES, INC., a Delaware Corporation, having a place of business at 3000 N. Sam Houston Parkway E., Houston, TX 77032-3219 (hereinafter "Assignee") is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, by these presents do sell, assign and transfer and convey unto Assignee, its successors and assigns, the full and exclusive right, for the United States of America and its territorial possessions and for any and all foreign countries, in and to the said invention, described in the Patent Application identified above, and any national phase, divisional, continuing, continuation-in-part, or reissue application based on the present application preparatory to obtaining Letters Patent of the United States therefore; said invention, application and any and all Letters Patent issuing there from to be held and enjoyed by Assignee, for its own use and benefit, and for its legal representatives, successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me and had this assignment and sale not been made.

1 of 2

I do further agree to sign all papers, make all rightful oaths and do all requisite acts for the filing of any disclaimer or for the filing and assignment of any divisional, continuing or reissue application or applications for patent based on the present application, as well as for any other U.S. or foreign application for patent which relates to the said invention, at Assignee's expense.

I do further agree to communicate to Assignee, its successors, assign or other legal representatives, such facts relating to the invention disclosed in the present application or Letters Patent issuing thereon as may be known to me, and to testify as to such facts in any patent office proceeding or litigation, at Assignee's expense.

I do further grant the power to amend the following information on this document: the title of the application and the filing designation (attached or by reference to an application number) as required by or in view of any rules or requirements of the United States Patent and Trademark Office or any other patent regulatory authority.

Executed this		_day of	Dec	n2016
	/		Ot, Chas) attain
			MICHAEL BITTAR	*****
STATE OF	exas)		

Before me personally appeared said MICHAEL BITTAR and acknowledged the foregoing instrument to be a free act and deed this the day of December 2016

Seal

COUNTY OF Houris

Luida Malife

As t	he below named inventor, I hereby declare that:
This	declaration is directed to:
\boxtimes	The attached application to be filed as a United States application or PCT
	international application, or
	United States application or PCT international application number
	; and,
Entitled:	
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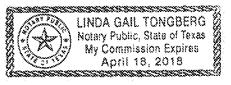
Executed this 8th day of Dec. , 20/6

HSU-HSIANG WU

STATE OF Texas)
COUNTY OF Harris)

Before me personally appeared said HSU-HSIANG WU and acknowledged the foregoing instrument to be a free act and deed this standard of December, 20 6.

Seal



Zinda XIa Jonfary (Notary)

As th	he below named inventor, I hereby declare that:		
This	declaration is directed to:		
\boxtimes	The attached application to be filed as a United States application or PCT		
	international application, or		
	United States application or PCT international application number		
	; and,		
Entitled:			
	SOFT MAGNETIC INSERTS AND SLOTTED SHIELD DESIGNS FOR OIL ANTENNAS		

Regarding that application, I declare the following:

- The above-identified application was made, or authorized to be made, by me.
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1 of 2

DM US 78253721-1.098273.1323

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Executed this 8th	day of <u>December</u> , 2016
	3 & Na Ja
	AM NIL
STATE OF Sigapore)
COUNTY OF)

Before me personally appeared said JIN MA and acknowledged the foregoing instrument to be a free act and deed this & day of <u>Deamher</u>, 2016.

Seal (Notary) W: Fulls

2 of 2

DM_US 78253721-1.098273.1323

RECORDED: 05/17/2019

PATENT REEL: 049215 FRAME: 0883