

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT3991223

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHUNG CHANG	03/14/2014
TIANRUN CHEN	06/05/2014
GARY KAINER	03/13/2014
HAOSHI SONG	04/11/2014
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	10200 BELLAIRE BOULEVARD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77072
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15115636
CORRESPONDENCE DATA	
Fax Number:	(888)712-9587
<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>	
Phone:	281-825-5235
Email:	VY@KIPATENTS.COM
Correspondent Name:	KRUEGER ISELIN LLP
Address Line 1:	P.O. BOX 1906
Address Line 4:	CYPRESS, TEXAS 77410-1906
ATTORNEY DOCKET NUMBER:	1391-903.07
NAME OF SUBMITTER:	VY NGUYEN
SIGNATURE:	/Vy Nguyen/
DATE SIGNED:	08/03/2016
Total Attachments: 5	
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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, **CHUNG CHANG, TIANRUN CHEN, GARY KAINER and HAOSHI SONG**, having made an invention in **“A HIGH-PERFORMANCE DIPOLE ACOUSTIC TRANSMITTER”**, 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 10200 Bellaire Boulevard, Houston, Texas 77072, (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 **“A HIGH-PERFORMANCE DIPOLE ACOUSTIC TRANSMITTER”**

2. The International PCT Patent Application on said invention, filed concurrently herewith or as PCT Patent Application No. PCT/US2014/019139 filed February 27, 2014, (Attorney's File No. 1391-903.01; attorney is authorized to fill in the application number and filing date after the USPTO assigns them), entitled **“A HIGH-PERFORMANCE DIPOLE ACOUSTIC TRANSMITTER”**;

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.

EXECUTED at Harris County, TX, on the 14th day of March, 2014.

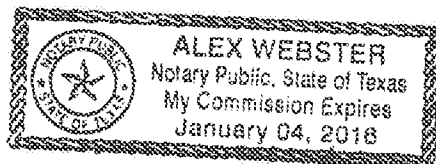
CHUNG CHANG

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared CHUNG CHANG 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 14th day of March, 2014.

[SEAL]



Alex Webster
Notary Public

My Commission Expires: 1/4/2016

EXECUTED at _____ County, HARRIS, on the 5th day of June, 2014.

Tianrun Chen
TIANRUN CHEN

STATE OF Texas §
COUNTY OF HARRIS §

BEFORE ME, the undersigned authority, on this day personally appeared TIANRUN CHEN 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 5th day of June, 2014.

[SEAL]



Carolyn E. Richards
Notary Public

My Commission Expires: 01-27-2016

EXECUTED at Harris County, Tx, on the 13th day of March, 2014.

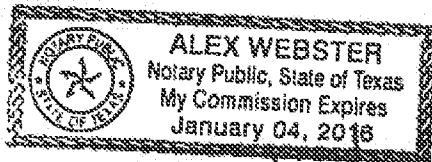

GARY KAINER

STATE OF Texas §
COUNTY OF Harris §

BEFORE ME, the undersigned authority, on this day personally appeared GARY KAINER 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 13th day of March, 2014.


[SEAL]




Notary Public

My Commission Expires: 1/4/2016

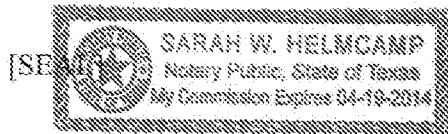
EXECUTED at Fort Bend County, Tx, on the 11th day of April, 2014.

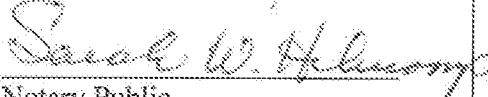

HAOSHI SONG

STATE OF Texas §
COUNTY OF Fort Bend §

BEFORE ME, the undersigned authority, on this day personally appeared HAOSHI SONG 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 11th day of April, 2014.




Notary Public

My Commission Expires: 4-19-14