

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GANGBING SONG	05/06/2020
DEVENDRA PATIL	02/24/2019
QINGZHAO KONG	02/26/2019
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF HOUSTON SYSTEM
Street Address:	4800 CALHOUN ROAD
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77004
PROPERTY NUMBERS Total: 1	
Property Type	Number
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NAME OF SUBMITTER:	POLIN CHIEU
SIGNATURE:	/Polin Chieu/
DATE SIGNED:	05/15/2020
Total Attachments: 4	
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ASSIGNMENT OF INVENTION

WHEREAS, I, **Gangbing Song**, Pearland, Texas USA, and I, **Devendra Patil**, Houston, Texas USA, and I, **Qingzhao Kong**, Houston, Texas, USA have invented certain new and useful improvements in: “**SYSTEMS AND METHOD UTILIZING PIEZOELECTRIC MATERIALS TO MITIGATE OR ELIMINATE STICK-SLIP DURING DRILLING**” for which a PCT international application was filed on May 2, 2017 under application number PCT/US2017/030571, and for which a nonprovisional application for Letters Patent was filed on October 31, 2018 under application number 16/097,879;

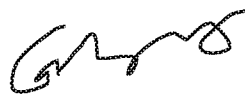
WHEREAS, the **UNIVERSITY OF HOUSTON SYSTEM**, a university organized under the laws of Texas, having a principal office and place of business at 4800 Calhoun Road, Houston, TX 77004 USA, (hereinafter "ASSIGNEE") desires to acquire from Gangbing Song, Devendra Patil and Qingzhao Kong the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted thereof in the United States and its territorial possessions, and any and all countries foreign to the United States of America;

NOW, THEREFORE, for valuable consideration, the receipt whereof is hereby acknowledged, I, by these presents do sell, assign and transfer unto said ASSIGNEE, all of my rights to the said invention in the United States and its territorial possessions and all countries foreign to the United States of America, and my entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof, and to any and all Letters Patent which may be granted therefor in all countries foreign to the United States.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and Patent Office Officials in all countries foreign to the United States to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the use and behalf of said ASSIGNEE, its 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 had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

The undersigned hereby grants authorized representatives of the above identified ASSIGNEE the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

EXECUTED AT: Pearland, TX, USA
 (City, State, Country)
 Date: 5/6/2020

Gangbing Song

EXECUTED AT: _____
 (City, State, Country)
 Date: _____
Devendra Patil

EXECUTED AT: _____
 (City, State, Country)
 Date: _____
Qingzhao Kong

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

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EXECUTED AT: _____
(City, State, Country)

Date: _____
Gangbing Song

EXECUTED AT: Zuarinagar, Goa, India
(City, State, Country)

Date: 24th Feb. 2019

Devendra Patil

EXECUTED AT: _____
(City, State, Country)

Date: _____
Qingzhao Kong

Further, I agree that I will communicate to said ASSIGNEE or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions, and in all countries foreign to the United States.

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EXECUTED AT: _____
(City, State, Country)

Date: _____
Gangbing Song

EXECUTED AT: _____
(City, State, Country)

Date: _____
Devendra Patil

EXECUTED AT: Perth, WA, Australia
(City, State, Country)

Date: 2/26/2019
Qingzhao Kong