503573641 11/17/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PUBUDU H GAMAGE	09/13/2013
WILLIAM WALTER SHUMWAY	09/13/2013
JAY PAUL DEVILLE	09/13/2013

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:	14891887

CORRESPONDENCE DATA

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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.

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Email: cliff.dougherty@mcafeetaft.com **Correspondent Name:** CLIFFORD C. DOUGHERTY, III

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ATTORNEY DOCKET NUMBER: 2013-IP-068510U1 US NAME OF SUBMITTER: CLIFFORD C. DOUGHERTY, III SIGNATURE: /CCD,III/ **DATE SIGNED:** 11/17/2015

Total Attachments: 2

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> **PATENT REEL: 037064 FRAME: 0306** 503573641

ASSIGNMENT

WHEREAS, we, PUBUDU H. GAMAGE, of 10119 Winding Glen Drive, Katy, Texas 77494, a citizen of Sri Lanka, WILLIAM WALTER SHUMWAY, OF 25829 Austin Springs, Spring, Texas, 77373, a citizen of the United States of America, and JAY PAUL DEVILLE, OF 23703 Blakeley Trails Court, Spring, Texas, 77386, a citizen of the United States of America (hereinafter "ASSIGNORS") have made a certain invention entitled WETTABILITY ALTERING FLUIDS DURING DOWNHOLE OPERATIONS, which is being filed in the United States Receiving Office, under the Patent Cooperation Treaty for which an Application is being made prepartory to obtaining a PCT Patent therefore, and having attorneys docket herewith designation 2013-IP-068510 and executed on even date (hereinafter "APPLICATION"); and

WHEREAS, WE, ASSIGNORS, hereby declare that we believe we are the original inventors of a claimed invention in the APPLICATION and in any patent application that claims priority to said APPLICATION;

WHEREAS, WE, ASSIGNORS, hereby declare that the APPLICATION was made or authorized to be made by us;

WHEREAS, WE, ASSIGNORS, hereby acknowledge that any willful false statements made in the above declarations is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both; and

WHEREAS, HALLIBURTON ENERGY SERVICES, INC., (hereinafter "ASSIGNEE") having its principal place of business at 2601 Beltline Road, Carrollton, Texas 75006, is desirous of acquiring all of my right, title and interest in and to said APPLICATION and the invention described therein, and in and to any patents that may be granted on the APPLICATION and on any patent application claiming priority to the APPLICATION in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange of mutual promises and other good and valuable consideration received, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned and transferred, and by these presents do sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said APPLICATION and the invention described therein in the United States of America and its territorial possessions and

PATENT REEL: 037064 FRAME: 0307 in all foreign countries, and the entire right, title and interest in and to any and all patents which may be granted based on the APPLICATION or any patent application claiming priority to the APPLICATION in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and extensions thereof, together with the right to sue and obtain damages for past, present and future infringement.

ASSIGNORS hereby covenant that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to the APPLICATION and the invention described therein, any patent applications claiming priority to the APPLICATION, and any patents issuing from said applications as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation, or proceeding related thereof and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce the APPLICATION, any patent applications claiming priority to the APPLICATION, and any patents issuing from said applications and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

Executed by the undersigned on the date indicated.

Wingess
Wingess

In the presence of:

PUBUDU H. GAMAGE Citizenship: Sri Lanka

Date

WILLIAM WALTER SHUMWAY
Citizenship: United States of Americ

Date

JAY PÁUL DEVILLE

Citizenship: United States of America

4-13-13

Date

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RECORDED: 11/17/2015

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