

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DIPEN N. SINHA	01/07/2018
CRISTIAN PANTEA	02/07/2018
RECEIVING PARTY DATA	
Name:	LOS ALAMOS NATIONAL SECURITY, LLC
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PROPERTY NUMBERS Total: 1	
Property Type	Number
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NAME OF SUBMITTER:	SHANNON M. KAMMERER
SIGNATURE:	/Shannon M. Kammerer/
DATE SIGNED:	02/12/2018
Total Attachments: 2	
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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to Los Alamos National Security, LLC, a Delaware Corporation, having its statewide administrative office located at Los Alamos National Laboratory, LC/IP, Los Alamos, New Mexico 87545 (hereinafter "Assignee"), for good and valuable consideration, receipt of which is hereby acknowledged, and do hereby sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest in, to and under an application for Letters Patent of the United States entitled:

"Ultrasonic In-Situ Water-Cut Measurement Using Ultrasonic Oil-Water Separation
For Affecting Sound Speed Calibration"

Filing date of October 1, 2017 and Application No. 15/563,603 and the invention(s) and improvement(s) set forth therein, and any and all provisionals, non-provisionals, continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letter Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent. The undersigned (each) also agree to and hereby do, assign and transfer to the assignee the right to claim priority to said patent application(s) as well as to claim priority to any parent or other application(s) to which said patent application(s) claim(s) priority.

I/We additionally authorize Assignee to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, sale and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to Assignee, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to Assignee or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Assignee.

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to Assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct Assignee's attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Date Assignment Signed: January 17, 2018

Inventor's Signature: Dipen N. Sinha

Inventor's Typed Name: Dipen N. Sinha

Date Assignment Signed: Feb 7, 2018

Inventor's Signature: Cristian Pantea

Inventor's Typed Name: Cristian Pantea