505813330 12/10/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS C. SALE	11/07/2019
JAY M. HAM	11/14/2019
WILLIAM SAMUEL GALLO	11/07/2019
KAYVAN KARIMI ASKARANI	11/07/2019
ZACHARY SCOTT FERRIE	11/07/2019

RECEIVING PARTY DATA

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State/Country:	COLORADO
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PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	16600946
Application Number:	62745803
Application Number:	62745898

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NAME OF SUBMITTER:	DONNA CARRERA
SIGNATURE:	/Donna Carrera for Derek Donahoe/

505813330 REEL: 051236 FRAME: 0142

DATE SIGNED:	12/10/2019	
DATE SIGNED.	12/10/2019	
Total Attachments: 5		
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PATENT REEL: 051236 FRAME: 0143

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

Assignor:

Thomas C. Sale Bellvue, Colorado USA

Jay M. Ham Fort Collins, Colorado USA

William Samuel Gallo Fort Collins, Colorado USA

Kayvan Karimi Askarani Fort Collins, Colorado USA

Zachary Scott Ferrie Fort Collins, Colorado USA

(hereinafter, individually and collectively the "Assignor")

Assignee:

Colorado State University Research Foundation 2537 Research Blvd., Suite 200 Fort Collins, Colorado 80526 State of Incorporation: Colorado

PATENT APPLICATIONS SUBJECT TO THE ASSIGNMENT:

Serial Number	62/745,803
Filing Date	October 15, 2018
Title: 3G Dashboard	
a	
Serial Number	•
Filing Date	October 15, 2018
Title: 3G Monitoring Hardware	
Serial Number	16/600,946
Filing Date	October 14, 2019
Title: Devices and Methods for Measuring Temperature, Oxidation Reduction	
Potential, and Water-Level within a Subsurface Formation	

WHEREAS, the Assignor identified above, an individual, having the address indicated above, is the owner of all right, title, and interest in and to one or more new and useful processes, methods, machines, devices, systems, manufactures, and/or compositions of matter, or new and useful improvements thereof (the "Invention"), disclosed and described in the Patent Applications indicated and identified above; and

WHEREAS, Assignee identified above, a corporation organized and existing under the laws of the State indicated above, and having its principal place of business at the address indicated above, desires to

acquire the entire right, title, and interest of Assignor in and to the Invention, the Patent Applications, and in, to, and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, and transferred and does hereby sell, assign, and transfer to the Assignee, its successors, legal representatives, and assigns, the entire right, title and interest in and to the Invention, the Patent Applications, and any provisional, non-provisional, divisional, continuation, continuation-in-part, continuing prosecution, reexamination, and reissue applications thereof or that claim priority thereto; all international, regional, and foreign applications that claim priority to, are counterparts of, or otherwise correspond thereto; the Letters Patent, both foreign and domestic, that may or shall issue, or may or shall have issued, therefrom; any extensions or renewals thereof; and any right, title, or interest in and to the Invention under any international conventions (collectively "the Patent Rights"); and

Assignor further authorizes said Assignee, its successors, and assigns, or anyone it may properly designate, to apply for Letters Patent in the U.S. and any and all foreign countries and regions, in its own name if desired, and additionally to claim priority to the filing date of the Patent Applications and otherwise take advantage of the provisions of any international conventions; and

Assignor hereby authorizes and requests transfer of the Patent Applications and any further applications, which may be or shall have been filed under the Patent Rights, to the Assignee in accordance herewith and further authorizes and requests any official of any State whose duty consists of issuing patents or other evidence or forms of any industrial property protection issuing from the Patent Applications and all related applications, to issue same to the Assignee, its successors, and assigns in accordance herewith; and

Assignor represents and warrants that Assignor has the right, title, and authority to execute this Assignment and to convey all right, title, and interest in the Patent Rights, and that Assignor has not conveyed nor will convey hereafter all or part of the Patent Rights to a third party; and Assignor hereby covenants and agrees with the Assignee, its successors and assigns, that Assignor will not execute in writing or do any act whatsoever conflicting with these representations, and that Assignor, Assignor's successors, legal representatives, or administrators will at any time upon request, without further or additional consideration, but at the expense of the Assignee, its successors, and assigns, execute such additional writings and do such additional acts as said Assignee, its successors, and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for, obtaining, and enforcing any of the Patent Rights, including giving testimony in any proceedings or transactions involving such Patent Rights; and

Assignor further covenants and agrees that this Assignment is effective as of the date of execution of this document by Assignor's representative below.

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IN WITNESS WHEREOF, the Assignor hereunto has executed this Assignment upon the date indicated below.

Dated:	November 7, 2019	ASSIGNOR:
		(signature) By: Thomas C. Sale
Dated:	Nov 14, 2019	ASSIGNOR: Jay A MM
_		By: Jay M. Ham
Dated:	NOV 7, 2019	ASSIGNOR:
		By: William Samuel Gallo
Dated:	11/07/2019	ASSIGNOR: Qlycan. Ol. A.
		(signature)

By: Kayvan Karimi Askarani

ASSIGNOR:

Dated: 11/07/2019

(signature)

By: Zachary Scott Ferrie

The Assignee hereby acknowledges and accepts the foregoing assignment of rights by Assignor.

IN TESTIMONY WHEREOF, the Assignee, by its undersigned officer, confirms its acceptance on the date set forth below.

ASSIGNEE: COLORADO STATE UNIVERSITY

RESEARCH FOUNDATION

Dated: November 14, 2019

(signature)

By: Cindy Pederson

Its: Patent Manager

(title)

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