503104816 12/17/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGN	IMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA					
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CARL SONNIER				12/16/2014		
DETANG ZHONG				12/15/2014		
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Property Type Application Number:		Number 14572297		-		
Application Number:		145/229/				
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DATE SIGNED:		12/17/2014	12/17/2014			
Fotal Attachments: 2		•				
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WORLD-WIDE ASSIGNMENT AND AGREEMENT

WHEREAS, Robert KINGDON, residing in Fredericton, Canada, Carl SONNIER, residing at 203 Old Settlement Road, Lafayette, State of Louisiana, 70508, and Detang ZHONG, residing at 128 Springton Crescent, Nepean, Ontario K2J 0V9, Canada (hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain invention entitled "METHOD AND SYSTEM FOR GENERATING A GEOID VIA THREE COMPUTATION SPACES AND AIRBORNE-ACQUIRED GRAVITY DATA" for which a non-provisional application for United States Letters Patent was filed on December 16, 2014, and which claims benefit of United States Provisional Patent Application No. 61/917,111, filed on December 17, 2013 and United States Provisional Patent Application No. 62/092,446, filed on December 16, 2014;

WHEREAS, FUGRO EARTHDATA, INC., a corporation organized under the laws of the State of Maryland, having its principal place of business at 7320 Executive Way, Frederick, State of Maryland, 21704 (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein world-wide;

NOW THEREFORE, in view of good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified provisional and utility applications and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by

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PATENT REEL: 034527 FRAME: 0451 ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of The Marbury Law Group PLLC the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of The Marbury Law Group PLLC do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment. ASSIGNOR acknowledges its right to seek its own independent legal counsel.

NAMES AND SIGNATURES OF INVENTORS						
Name: Robert KINGDON	Signature:	Witnessed by:	Date:			
	Potent Kungden	Dedeny Shong	16 Der- 2014			
Name: Carl SONNIER	Signaturo	Witnessel by:	Date:			
	Car Somin	Celi Doc-	16 Rec 2014			
Name: Detang ZHONG	Signature:	Witnessed by:	Date:			
	Detom Glump	Robert Kingho	Dac 15,2014			
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