

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5836663

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DOWNUNDER GEOSOLUTIONS (AMERICA) LLC	10/08/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DOWNUNDER GEOSOLUTIONS PTY LTD.
<b>Street Address:</b>	LEVEL 3, KINGS PARK RD.
<b>City:</b>	WEST PERTH
<b>State/Country:</b>	AUSTRALIA
<b>Postal Code:</b>	6005
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16693536
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<b>SIGNATURE:</b>	/Richard A. Fagin/
<b>DATE SIGNED:</b>	11/25/2019
<b>Total Attachments: 3</b>	
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**ASSIGNMENT OF ALL RIGHT TITLE AND INTEREST IN  
INVENTIONS, PATENT APPLICATION AND ANY PATENTS  
GRANTED THEREFROM**

WHEREAS DownUnder GeoSolutions (America), LLC ("DG America") a Texas limited liability company having a business address at 16200 Park Row Drive, Suite 100 Houston, Texas 77084 is the assignee of all the right, title and interest of inventions ("Inventions") set forth in SCHEDULE A attached hereto.

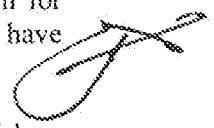
and for which patent application ("Patent Applications") have been filed in the United States Patent and Trademark Office and for which the U.S. Patent and Trademark Office has assigned serial numbers set forth in SCHEDULE A. DG America has further filed applications ("PCT Applications") under the Patent Cooperation Treaty ("PCT") claiming priority from, describing and claiming the Inventions and for which application number set forth in SCHEDULE A have been assigned;

WHEREAS DownUnder GeoSolutions Pty Ltd., ("DG Ltd.") an Australian corporation having a business address at Level 3, 76 Kings Park Rd., West Perth, WA 6005, Australia has an interest in and desires to commercialize the Invention;

WHEREAS DG America and DG Ltd. have separately agreed on terms and conditions by which certain inventions shall be owned and used by each of the respective parties;

THEREFORE, in order to make of record the respective ownership rights in the Inventions as so agreed, and for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, DG America, by authority of the undersigned, duly authorized representative does hereby grant, convey and assign to DG Ltd. all its right, title and interest in the Inventions, and in the Patent Applications, the PCT Applications any foreign counterparts thereof and national or regional phase applications filed pursuant to the PCT, together with all divisions, continuations, continuations in part, reissues and extensions thereof and all letters patent, both in the United States and any other jurisdiction when granted, for the full and entire term for which such letters patent may be granted or extended, as fully as the same would have been enjoyed by DG America if this Assignment had not been made.

The undersigned hereby authorizes and requests the authority in each jurisdiction in which an application for patent for the Invention is filed to issue any and all Letters Patent resulting from said application including without limitation any division, continuation, continuation-in-part, or reissue thereof to DG Ltd.



## SCHEDULE A

**Invention 1:** METHOD FOR DETERMINING SENSOR DEPTHS AND QUALITY  
CONTROL OF SENSOR DEPTHS FOR SEISMIC DATA PROCESSING

U.S. Provisional Application No. 62360665 filed July 11, 2016  
PCT Application No. PCT/US2017/040785 filed July 6, 2017

**Invention 2:** METHOD FOR DETERMINING NOTIONAL SEISMIC SOURCE  
SIGNATURES AND THEIR GHOSTS FROM NEAR FIELD MEASUREMENTS AND  
ITS APPLICATION TO DETERMINING FAR FIELD SOURCE SIGNATURES

U.S. Provisional Application No. 62/371,248 filed August 5, 2016  
PCT Application No. PCT/US2017/042734 filed July 19, 2017

**Invention 3:** METHOD FOR THE ATTENUATION OF MULTIPLE REFLECTIONS  
IN SHALLOW WATER SETTINGS

U.S. Provisional Application No. 62/407,578 filed October 13 2016  
PCT Application No. PCT/US2017/056274 filed October 12, 2017

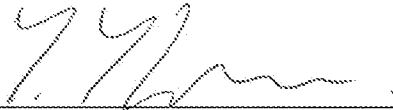
**Invention 4:** METHOD FOR IMPROVED PROCESSING OF DATA WITH TIME  
OVERLAPPING RECORDINGS OF ENERGY SOURCES

U.S. Provisional Application No. 62516768 filed June 8, 2017  
PCT Application No. PCT/US2018/035742 filed June 1, 2018

A handwritten signature in black ink, consisting of a large, stylized 'P' followed by a horizontal line and a small flourish.

IN WITNESS WHEREOF, this Assignment has been executed by the undersigned individual on the date appearing by such individual's signature as the duly authorized representative of DG America.

8 October 2018  
Date

Signature: 

Print or Type Name TROY ALAN THOMPSON

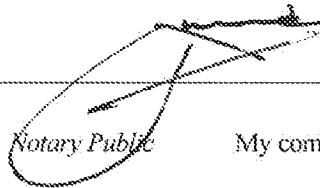
NOTARY PUBLIC

Before me personally appeared:

TROY ALAN THOMPSON

who acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: 8 October 2018

  
Notary Public

My commission expires: Not limited by  
time

